Annual Summary of Agency Three Year Information Technology Management and Budget Plans

Prepared by the
Kansas Information Technology Office
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http://da.ks.gov/kito

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CHAPTER 1

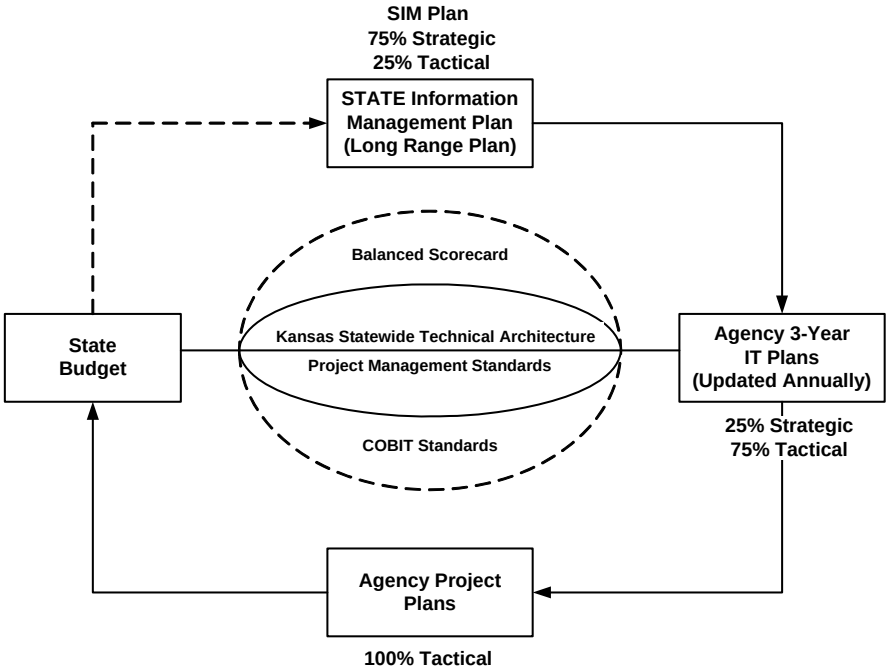
INTRODUCTION TO IT GOVERNANCE STRUCTURE

Purpose of Annual Report

The purpose of this annual report is to present a high-level view of information technology (IT) activities in Kansas. Information technology plays an important role in the quality of services delivered by government and the manner in which citizens and businesses can interact with their government. The presence of technology, particularly communications services, is an important factor in the economic vitality of a State and the quality of life of its citizens. Technology is also causing profound changes upon people, society, business, and government.

The planning model used in Kansas is depicted below. The process has five important components: the Strategic Information Management Plan (SIM Plan), the Annual Summary of Agency Three Year Information Technology Management and Budget Plans, project planning process, budget request process, and the Kansas Information Technology Architecture.

Kansas IT Planning / Controls

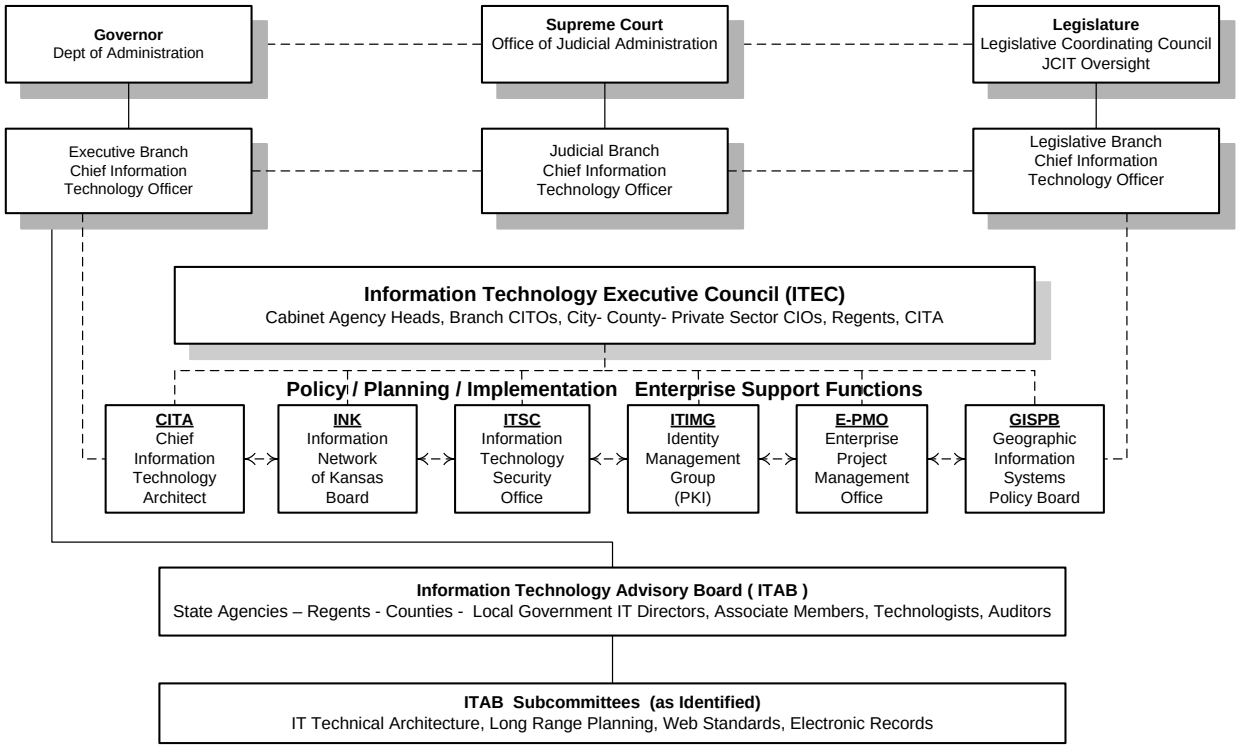


The Annual Summary of Agency Three Year IT Management and Budget Plans document is 25% strategic and 75% tactical. Annually, each State agency is asked to submit a Three Year Information Technology Management and Budget Plan outlining their information systems accomplishments for the past State Fiscal Year (SFY), current State Fiscal Year activities, and strategies for future years. These plans are used as important management tools for the effective implementation of information systems to achieve the agency's strategic objectives, and to assist in coordinating the systems and activities of State government organizations.

IT Governance

Beginning in 1996, the Kansas Legislature began a study of the IT governance/management structure within Kansas government. In 1998, the Legislature passed, and the Administration signed, Kansas Senate Bill #5, now Kansas Statutes Annotated (KSA) 75 7201-7212 et seq. These laws altered the face of IT governance in the State. The new structure produced a roles-based consolidated model as illustrated below.

Kansas
IT Governance Model



January 2008

This consolidated model coordinates the IT activities of 83 agencies, increasing IT efficiencies, streamlining reporting processes, and increasing communications between and among the various entities. Planning functions such as the Strategic Information Management (SIM) Plan and the Kansas Information Technology Architecture (KITA) have positively impacted IT services in State government since the consolidation model was implemented.

The Kansas consolidated model features the Information Technology Advisory Board (ITAB) as the foundation. The operational philosophy is both bottom-up and top-down with communication among the participants both vertically and horizontally. The ITAB and its sub-committees form the nucleus where many IT initiatives are identified. The development of IT policies has genesis in the ITAB as well. The Kansas IT governance structure, by design, allows for much discourse and a consolidated operational structure.

The Kansas Consolidated IT Governance Model Components

Information Technology Executive Council (ITEC)
As set forth in Kansas statute, KSA 75 7201-7212 et seq., the Information Technology Executive Council (ITEC) is comprised of seventeen members. The membership includes Cabinet Secretaries and Senior Executives of various State government entities, senior leaders from local units of government and the private sector, and the Chief Information Technology Officers (CITOs) from each branch of government. The Secretary of Administration chairs the ITEC. The ITEC meets quarterly and is charged with the adoption of:

- IT Policies, Procedures, Standards, and Guidelines
- The long-range enterprise Strategic Information Management Plan
- The Kansas Information Technology Architecture
- Project Management Methodology, Training and Certification

ITEC is responsible for approval of information technology policies, project management procedures, the Information Technology Architecture, and the Strategic Information Management Plan. It is comprised of 17 voting members. It provides direction and coordination for the application of the State's information technology resources, designates the ownership of information resource processes, and is the lead entity for implementation of new technologies and networks shared by multiple agencies in different branches of State government.

Chairperson: Duane Goossen, Secretary, Department of Administration
Mr. Bill Roth, Chief Information Technology Architect, ITEC Secretary
Ms. Denise Moore, Executive Branch CITO
Mr. Don Heiman, Legislative Branch CITO
Mr. Kelly O'Brien, Judicial Branch CITO
Mr. Duane Goossen, Director, Division of the Budget
Colonel Terry Maple, Superintendent, Kansas Highway Patrol
Mr. Don Jordan, Secretary, Kansas Social and Rehabilitation Services
Mr. Jim Garner, Secretary, Department of Labor
Mr. Reginald Robinson, President & CEO, Kansas Board of Regents
Mr. Howard Schwartz, Judicial Administrator, Kansas Judicial Center
Mr. Mark Biswell, IT Director, City of Topeka
Mr. Jim Hollingsworth, Executive Director, Information Network of Kansas
Mr. Pete Kitch, President, KIPHS Inc.
Mr. John Fitzgerald, Executive Director of IT, Westar Energy
Mr. Dan Storm, Director of Technology, Kansas Farm Bureau
Mr. Richard Vogt, Sedgwick County
Ms. Alexa Posny, Commissioner, Department of Education

Kansas Information Technology Office (KITO)
The Kansas Information Technology Office (KITO) provides enterprise information technology coordination and collaboration services, including support for the three branch Chief Information Technology Officers (CITOs). The KITO is comprised of four functional areas: 1) architecture; 2) project management; 3) geographical information systems (GIS); and 4) security. The KITO will continue to publish a variety of documents under the auspices of the Information Technology Executive Council (ITEC) as directed in K.S.A. 1998 Supp. 75-7201 through 75-7212. These documents include the following: The ITEC's Strategic Information Management (SIM) Plan (revised semi-annually), the Kansas Information Technology Architecture (KITA) (updated annually), the Annual Summary of Agency Three Year Information Technology Management and Budget Plans, and the Quarterly Information Technology Project Status Reports. KITO staff will provide support for the activities of the Information Technology Advisory Board (ITAB), the Geographic Information Systems (GIS) Policy Board, the ITEC, and the IT Security Council. The staff in the KITO assist in the development of enterprise IT Policies and

Guidelines, focusing primarily on E-Government, security, and privacy. In addition, the Chief Information Security Officer will coordinate IT operational security and security policy matters with other agencies through the activities of the ITEC, the Security Council and the ITAB Security sub-committee. Also, the Chief Information Technology Architect will continue to serve as secretary to ITEC and develop and maintain the Strategic Information Management Plan and the Kansas Information Technology Architecture and IT policies proposed to ITEC for adoption. The KITO will work collaboratively with the Information Network of Kansas (INK) and the GIS Data Access and Support Center (DASC) to spatially enable E-Government applications and services through the Kansas.gov web portal (http://www.kansas.gov). The office will continue to support and refine the Project Management Methodology (PMM) training program content and provide support, oversight, and project management consultation on major IT projects throughout Kansas government.

Joint Legislative Committee on Information Technology (JCIT)

The Joint Committee on Information Technology (JCIT) is a standing committee of the Kansas Legislature. Committee membership comes from both the House and the Senate. JCIT serves as an oversight committee on IT issues for State government, and is directed to study, review and report its findings on computers, telecommunications and information technologies that are proposed or in use by State agencies. The JCIT is authorized to make annual reports to the Legislative Coordinating Council (LCC) and other special reports to committees of the House and Senate as deemed necessary by the Committee. Specific direction is given to the JCIT to review proposed data processing and telecommunication acquisitions, the budgets for implementing those projects, and to make recommendations to the appropriate House and Senate committees considering appropriations for the agencies making acquisition requests.

The committee is composed of five members of the Senate and five members of the House of Representatives. Two Senate members are appointed by the President of the Senate, two are appointed by the Minority Leader of the Senate, and one is appointed by the chairperson of the Committee on Ways and Means of the Senate. Two Representatives are appointed by the Speaker of the House of Representatives, two are appointed by the Minority Leader of the House of Representatives, and one is appointed by the chairperson of the Committee on Appropriations of the House of Representatives. The JCIT is authorized to meet at any time and any place within the State on call of the chairperson. The Chair and Vice-Chair are elected by the members for one year, with the positions alternating annually between members of the House (odd years) and Senate (even years). The JCIT may introduce legislation it deems necessary and may request the LCC to provide for professional services to assist with JCIT studies.

Senate Members	**House Members**
Sen. Tim Huelskamp - Chair	Rep. Joe McLeland – Vice-Chair
Sen. Janis Lee	Rep. Mike Burgess
Sen. Mike Petersen	Rep. Nile Dillmore
Sen. Vicki Schmidt	Rep. Harold Lane
Sen. Chris Steineger	Rep. Jim Morrison

Staff

Don Heiman - Legislative Branch CITO
Julian Efird - Kansas Legislative Research Department
Aaron Klaassen - Kansas Legislative Research Department
Gary Deeter - Committee Secretary
Scott Wells - Revisor of Statutes Office
Norm Furse – Revisor of Statutes Office

Chief Information Technology Officers (CITOs)
The IT Governance structure provides for a Chief Information Technology Officer (CITO) for each of the three branches of Kansas government. The Executive Branch CITO, by law, has cabinet presence and is appointed by the Governor. The Judicial Branch CITO reports to the Office of Judicial Administration and then the Supreme Court. The Legislative CITO reports to the Joint Legislative Committee on Information Technology (JCIT) and then to the Legislative Coordinating Council (LCC), both comprised of members of the House and Senate. By law, the CITOs for each branch of government are members of ITEC.

Each CITO fills the implementation role in the IT Governance model within their respective branch and has significant input in policy direction. The Executive Branch CITO prepares the Annual Summary of Agency Three Year Information Technology Management and Budget Plans, which summarizes IT activities, assets, and plans for all 83 planning agencies. Within the governance organization, IT projects and bid specifications with budgets of $250,000 or more must be approved by the appropriate branch CITO.

Geographic Information Systems Policy Board (GIS PB)
The Kansas Geographic Information Systems (GIS) Initiative and Policy Board were established in 1989. Since then, the initiative has grown into a coordinated model that provides shared geospatial data, standards, and partnerships with state, federal, and local units of government. The Board is chaired by the Director of the Kansas Water Office and the vice-chair is the Executive Branch CITO. The Board's Data Access and Support Center (DASC), a National Spatial Data Infrastructure Clearinghouse site, provides geospatial data distribution, archival, and support services for the GIS user community. The Board and its sponsored activities are an integral part of the Kansas IT Governance Model. The Kansas GIS Policy Board is responsible for the development of geospatial data, data standards, partnership agreements, and policies to enhance the value of geospatial technologies. These activities emphasize cooperation and coordination to insure interoperability and data sharing among agencies, organizations, and government entities in order to maximize the capabilities and cost effectiveness of GIS.

The Policy Board consists of 27 members appointed by the Governor: the Chief Information Technology Officers from all three branches of government; four State Regents institutions; leaders from nine State government agencies; two federal agencies; four private sector companies; and five local county/municipal governments.

Tracy Streeter, Kansas Water Office - Chair
Denise Moore, Executive Branch CITO - Vice Chair
Ivan Weichert, GIS Director - Facilitator

Joseph Arri, Southwestern Bell
Walt Aucott, US Geological Survey
Dr Eric Bernard, Kansas State University
Maj Gen Tod Bunting, Adjutant General
Linda Buttron, Jefferson County Clerk
Contantine Cotsoradis, Department of Agriculture
Peter Davis, Kansas Department of Revenue
Deborah Divine, Bucher, Willis & Ratliff
Greg Foley, State Conservation Commission
Kathleen Gosa, Department of Education
Bill Harrison, Kansas Geological Survey
Don Heiman, Legislative Branch CITO
Dr. Shawn Hutchinson, Kansas State University
Jeff Lewis, Social and Rehabilitation Services
Brian Logan, Dept of Transportation
Dr. Edward Martinko, KS Biological Survey
Gary Middleton, Kansas Emergency Management
John Mitchell, Health and Environment
Gregg Noland, Western Resources
Kelly O'Brien, Judicial Branch CITO
Wayne Page, Kansas Corporation Commission
Murray Rhodes, Rhodes Surveyors
John Rogers, Sedgwick County IS
Travis Rome, US Department of Agriculture
Mark Runge, Emporia State
Dr. Tom Schafer, Fort Hays State Univ.
Keith Sexson, Dept of Wildlife & Parks
Kyle Tjelmeland, City of Topeka
Matthew Veatch, Historical Society
Robert Waller, Emergency Medical Services
Bettejane Wooding, Barton County

Security Council

The Information Technology Executive Council (ITEC) established the IT Security Council in 2002. The Chief Information Security Officer (CISO), of the Kansas Information Technology office, is responsible for coordinating the IT security initiatives of the Security Council. The CISO works with security officers and IT directors in the State agencies to coordinate statewide responses to cyber-attacks, security penetrations, and outside agents that threaten applications and the IT infrastructure. The officer also works closely with security policy executives in all 50 states, the Federal government, and private sector organizations.

Co-Chairperson: Larry Kettlewell, Chief Information Security Officer, KITO
Co-Chairperson: Tim Blevins, Department of Revenue
David Cook, Department of Corrections
Doug Cruce, Judicial Branch
Allan Foster, Legislative Post Audit
Darren Fox, Attorney General's Office
Jim Hollingsworth, Information Network of Kansas
Tom Laughlin, Kansas Health Policy Authority
Jim Lawson, Kansas Association of Government Information Services
Jerry Merryman, Divisions of Information Systems and Communication
Steve Montgomery, Kansas Bureau of Investigation
Robert Louis, Kansas Bureau of Investigation
Bill Noll, Department of Corrections
Justin O'Brien, Department of Transportation
Todd Reinert, Juvenile Justice Authority
Norma Jean Schaefer, Department of Health & Environment
Sherry Callahan, KU Medical Center
Connie Torres, Kansas Department of Education
Leslie Van Sickle, Social and Rehabilitation Services
Joe Wallingford, Kansas Highway Patrol
Steve Funk, Board of Regents
Stan Wiechert, Department of Revenue
Terri Spencer, Juvenile Justice Authority
Brent Helm, Kansas Board of Indigents Defense

Information Technology Advisory Board (ITAB)

The Information Technology Advisory Board (ITAB) forms the foundation of the Kansas IT Governance Model. Its membership comes from State agency IT Directors, Regents' Universities IT Directors (Regents Computer Advisory Council-RCAC), the leadership of INK, the State Historical Society, and associate members, including technologists, functional users, subject matter experts and auditors. This wide array of individuals then populates the ITAB subcommittees that provide planning functions that move, vertically and horizontally, through the consolidated structure. The SIM Plan, for example, impacts State agencies and, in part, drives the agency budget process. The Kansas Information Technology Architecture (KITA) provides direction on technology products and their deployment. The consolidation of individuals from State government meet with collaboration through this model to propose plans and policies that the ITEC and the JCIT will review and then potentially make into law or policy.

ITAB was established to function as a technical resource to the Chief Information Technology Officers for the branches of government and the Information Technology Executive Council (ITEC). ITAB meets monthly and draws attendance from technical specialists and business managers interested in the discussions of technology issues or special issue-oriented presentations. Its agendas span the range of information technology topics such as: Internet Utilization, State Contract Development, Information Technology Applications, Security, and Information Technology Architecture.

Chairperson: Denise Moore, Executive Branch CITO
Kelly O'Brien, Judicial Branch CITO
Don Heiman, Legislative Branch CITO

Steve Armstrong, Adjutant General
Jim Bingham, KU Medical Center
Mike Branam, Aging
Lynn Carlin, Kansas State
Bill Cavalieri, Kansas Lottery
Lisa Counts, Kansas.gov
Kurt Dubach, DISC
Michael Erickson, Emporia State
Allan Foster, Legislative Post Audit
Kathy Gosa, KDOE
Randall Gregg, Commerce
Dr. Michael Gunter, Washburn
Jim Hollingsworth, INK
Cindy Hooper-Bears, Treasurer
George Hubka, Labor
Dan Jarvis, Wyandotte County
Dave Larson, Legislature
Tom Laughlin, Health Policy Authority
Jeff Lewis, SRS
Rafael Lorie, Revenue
Kelby Marsh, Juvenile Justice
Steve Montgomery, KBI
Steve Mumert, Racing and Gaming
Bill Noll, Corrections
Joe Oborny, School for the Deaf
John Oliver, KPERS
Gary Ott, Wichita State
Todd Reinert, Agriculture
Leigh Rush, Indigents' Defense
Tom Ryan, Corporation Commission
Norma Jean Schaefer, Health and Environment
Anthony Schlinsog, Transportation
David Schmidt, Fort Hays
Jerry Smith, Pittsburg State
John Spurgeon, Wildlife and Parks
Denise Stephens, University of Kansas
Mike Stewart, Secretary of State
Mark Thurman, Highway Patrol
Matt Veatch, Historical Society
Richard Vogt, Sedgwick County
Brad Williams, Regents
Derek Welsh, Attorney General
Neil Woerman, Kansas Insurance Dept.

Non-Voting Members
Anthony Fadale, ADA Coordinator
Mary Grace, Project Management Office
Gordon Lansford, KCJIS
Bill Roth, CITA
Ivan Weichert, GIS Policy Board
Bryan Dreiling, KITO

Information Network of Kansas (INK)

The consolidated governance structure includes primarily State agencies, but it also includes a public/private entity that has successfully expanded the scope of services offered to the citizens of Kansas. In April 1990, the Governor of Kansas signed into law KSA 74-9301, creating the Information Network of Kansas (INK). This network, which had been the vision of a group of individuals from both the public and private sector, would provide efficient and economical access to public information via the Internet. In January 1992, the Board of Directors for INK awarded a contract to the Kansas Information Consortium (KIC) to manage the network. In 2002, the Board issued a Request for Proposal for the network services contract and awarded it to KIC.

The birthplace of "e-government" was in the heartland of Kansas, with implementation of network-based applications dating back to 1991. This partnership has become a model for the management and dissemination of government information across the country. This self-funded model is simple: the network administrator builds service applications and web sites for State agencies and associations at no cost to the agencies. The State portal encompasses all State agencies, Regents' universities and many professional association web sites and services, of which more than 250 are free to users.

The remainder of the portal includes service applications that collect small transaction fees, which are reinvested into the network to ensure leading-edge technology, maximum security and availability to the citizens of Kansas. When designing a State web site or web-based application there is but *one* goal, which is two-fold: 1) to build an efficient electronic government service for citizens, businesses and government, and 2) to streamline internal government operations/services.

Information Technology Identity Management Workgroup
The Information Technology Executive Council (ITEC) established the IT Identity Management Workgroup (ITIMG) in 2008. The ITIMG is responsible for the review, definition and recommendation of enterprise identity management standards for Kansas. In doing so, it collaborates with the ITEC's Information Technology Security Council. The workgroup recommends specifications for statewide contracts for common identity management requirements from contractors qualified by the Division of Purchases. The ITIMG also provides oversight for Kansas' Public Key Infrastructure (PKI) and provides guidance to the Secretary of State on all issues related to PKI.

Chairperson: Janet Chubb, Secretary of State
Bryan Dreiling, Kansas Information Technology Office
Jim Hollingsworth, Information Network of Kansas
Cheryl Pace, University of Kansas Medical Center
Kathy Sachs, Secretary of State
Mike Stewart, Secretary of State
Ivan Weichert, GIS Policy Board

Strategic Planning

The goal of the Kansas Strategic Information Management (SIM) Plan is to enable Kansans to enjoy a high quality of life by having an opportunity to be more productive, healthier, better educated, and better connected with their government, their communities, and with each other by utilizing innovative Information Technology solutions

The approach is based on enhancing statewide leadership for information technology. The three Chief Information Technology Officers (CITO) (one for each branch of government – Executive, Judicial, and Legislative), working with the Information Technology Executive Council (ITEC), are charged with providing this leadership through coordination and communication, supported by consistent statewide policies and processes. Specifically, each CITO and the ITEC will produce guidelines for agency development of IT, work toward reducing barriers to cooperation and information sharing, coordinate resource-sharing to optimize the use of the State's IT resources, and establish a common vision of the way IT should be utilized in the State. This approach recognizes agency autonomy. The plan is intended to provide direction and guidance, and to support agencies as they meet their business needs through energetic and cost-effective IT implementation. The intent of the SIM Plan is to define a simple, compelling vision and plan that the State of Kansas can accomplish. Kansas will accomplish the vision with an Action Plan that will:

1. Provide Customer-Centric Services to citizens, businesses, and government entities making them easier to use, more accessible, and cost efficient.
2. Improve Business Processes to provide those services Kansans want and need in the most cost effective manner.
3. Manage Enterprise Information by making all appropriate state-managed data available to all levels of government, citizens, and businesses.
4. Improve Collaborative Partnerships to allow government entities, businesses, and citizens to work together and transform state government, services, and economy.
5. Enhance Workforce Efficiency by creating and supporting innovative government services and processes with a skilled workforce using modernized information technology.
6. Provide Leadership and Governance by establishing appropriate processes to understand and guide the direction, value, and potential enterprise solutions for State IT investments.

The purpose for having a statewide vision of information technology is to provide a common direction for coordinated efforts. State agencies will use the vision as a basis for preparing their future information technology plans. By working together we will achieve our goals faster and more efficiently. Each individual project should move the State closer to its overall vision.

E-Government

The Direction for Kansas is to provide consistent one-stop customer service, in person, over the web, by phone, 24X7.
E-Government provides citizens, businesses, and governments with equal, efficient, electronic access and interaction with government information. E-Government enables:

- Providing a user-friendly gateway for citizens to access government services
- Utilizing technology to bring enhanced government performance to our citizens
- Presenting a unified 'face' of Kansas government on the Internet
- Providing an effective means for business interaction via the Internet which enables economic growth
- Developing electronic solutions that streamline internal government operations/services
- Building a government without walls, doors or clocks
- Improved delivery of services and information
- Enables E-Democracy so that citizens can participate in the democratic process without being limited by travel or technology limitations.

It includes everything from online publishing of government documents and electronic mail to online tax payments and distance learning.

Kansas Information Technology Architecture

Standards and policy development support the creation of common statewide information technology architecture. To implement technology as efficiently and effectively as possible, it is necessary to view State government as a single enterprise made up of entities that share the common goal for public service and management of public resources rather than individual, autonomous organizations.

The Kansas Information Technology Architecture (KITA) describes the information systems infrastructure that supports the applications used by the State. A purpose of the architecture is to guide the development of the information systems infrastructure. It establishes consistency by helping to:

- Provide managers and staff in the various agencies and support services an understanding of the information systems infrastructure they are using.
- Provide a mechanism such that the various groups of IT professionals have a consistent view of the information systems infrastructure and the methods that they employ to develop and deliver information systems services.
- Ensure that the various development projects being managed within the State do not attempt to make incompatible changes to the infrastructure.

The KITA is organized in alignment with the Federal Enterprise Architecture (FEA) and is focused primarily on the FEA Technical and Services Reference Models. These two layers deliver the technical underpinnings of an effective IT support model and enables the technical and business services necessary to support state of Kansas agency business functions. Each layer identifies information technology standards, guidelines, targets and best practices that provide a comprehensive view of the State's approach to information technology deployment.

In July 2000, the architecture was fully developed and entered into a maintenance mode. Version 11.0 was released in October 2006. Information technology managers, the three branch Chief Information Technology Officers, the Kansas Technical Architecture Review Board, and others are utilizing the technical architecture to support the planning, approval, development, and implementation of information systems resources in support of the State's enterprise business functions.

CHAPTER 2

DIRECTIONS IN TECHNOLOGY USE

Agency IT Plan Summaries

This section represents the state of information technology for each agency in State government. The information in this section covers agency description, mission, budget information, IT organization, IT computer assets, major business applications, IT accomplishments, and strategic direction & objectives for the future. This year, agencies were asked to submit information about six significant areas: Agency Architecture, E-Government, IT Security, Electronic Signatures, Messaging, and Disaster Contingency Planning. Each summary demonstrates how IT investments support business requirements.

SFY 2009 FTE and Budget figures were taken from the Governor's SFY 2009 Budget Comparison Report. SFY 2008 IT expenses were calculated using information generated by the Department of Administration, Division of Accounts and Reports and the Division of Personnel Services. This includes purchases of computer equipment and software, DISC mainframe and data processing charges, and all IT related vendor payments (equipment, services and consultant fees).

Please note: Department of Administration totals for SFY 2008 IT Expenditures include both “on budget” and “off budget” expenditure totals, while the SFY 2009 Total Budget figure reflects only “on budget” amounts.

Within agency summaries, totals have been combined for the following agencies:

- “Department of Corrections” includes correctional facilities statewide.
- “Department of Social and Rehabilitation Services” includes State hospitals and youth centers statewide, and the Kansas Neurological Institute.
- “Juvenile Justice Authority” includes juvenile facilities statewide.
- “Judicial Branch” FTE count includes staff in district courts statewide.

Totals for Technology Assets data should be considered unreliable due to the inability of some agencies to accurately report numbers of servers, desktop computers and mobile devices.

Analysis of Agency Common Efforts for 3-Year Initiatives

BACKGROUND: During the 2009-2011 3 Year IT management and Budget Plan the major initiatives that agencies were considering for that 3 year period were reviewed. Looking across the sub-cabinet grouping a short analysis of similar initiatives taking place across multiple agencies was completed. A summary of that analysis is provided here. It is the purpose of this section to raise the visibility of these possible common efforts to begin a dialog between agencies to determine if these efforts are similar, and if they could possibly be combined for a more efficient and uniform business and/or technology investment.

This summary identifies those areas where initiate alignment has the highest probability of occurring. This usually means that multiple agencies has an initiative and other agencies had similar initiatives. A more detailed breakdown of this summary information is available from the Office of the Chief Information Technology Architect.

SFY 2009-2011 STATEWIDE AGENCY INITIATIVE TRENDS

Strong Trends	**# of agencies**
Web Functionalities / Applications / Portals	37
Security	23
Network	17
Hot site / Business continuity / Disaster Recovery Sites	12
Wireless	8
Document / Content Systems / Imaging	18

Moderate Trends	**# of agencies**
Database	13
Identity Management / Single Sign On	8
Server Consolidation / Virtualization	10
VOIP (Voice Over IP)	4
Storage	10
Mobile Technologies	8
Business Intelligence / Reporting	5
Video Conferencing	6
Collaboration	7
Email	7

INDUSTRY TRENDS AND KANSAS ALIGNMENT

Process Automation (Agency or Enterprise-wide)

The 2008-2013 Strategic Plan for Kansas has raised the importance for process improvement and process infrastructure. Some progress has been made in this area in some cases but it is still a very underutilized and misunderstood capability that the state of Kansas is just starting to leverage

Document / Content Management

Some agencies have a focused document or image management system, and some of these are on aging technology. Others agencies are considering it but there is no concerted effort to use this as an enterprise efficiency, regulatory support, or paperwork reduction effort. While almost every entity has something in place in either an imaging or a document solution there is almost no ability to share solutions or information across agencies or with business partners. And only in rare cases is the solution fully integrated with business processes or scaled to support the full Agency. A Single hosted solution that is scalable could support almost all medium and small agencies.

Data Sharing / Movement Middleware

The Taxpayer Transparency Act raised the visibility of sharing information, and the 2008-2013 Strategic plan has raised the importance and the approach for sharing information. Several data sharing initiatives and discussions are underway now. Due to the significant focus and the awareness of who has information and who needs that information we are now able to build a business case for full enterprise information sharing and a messaging infrastructure to support this information sharing need.

Performance Management / Business Intelligence / Reporting

Some agencies have some internal performance management and Business Intelligence efforts but there is no ability to share those investments or results across agency boundary line.

Consolidation

In most cases each entity is still running and is responsible for their own computing environment and solutions. While the larger agencies can support many of these trends the medium and small agencies either have to forgo entering into these trends or look for a hosting service provider.

Service Oriented Architecture

There are several agencies that are building SOA based solutions and there is a large need to provide more services between agencies and with our business partners. Most agencies that are using SOA are moving cautiously as they work through governance, deployment, security and exchange issues. This also brings new challenges to the designers and architects and some agencies are using consultants to help get the first SOA environments established and stabilized. There is almost no coordination between agencies on this concept and most Services are now being developed and tested for internal use only.

TRENDS HAPPENING IN KANSAS

Active Directory Based services

Most desktops are using Active directory based authentication and directory services.

Using Email Archiving

Email management has become a serious concern from a storage, recoverability and regulatory basis.

Moving to MS Exchange

The largest majority of state agencies are currently or moving toward MS Exchange as the email engine.

Using SQL Compliant Database Engines or Utilities

This is good for moving the enterprise toward the capability to share information. There are still several legacy systems using non SQL compliant data structures.

Expanding Storage

Storage continues to be a ongoing procurement for most agencies.

Consolidated Network.

The network is being converted to a fully integrated voice and data capable environment. This network will provide for many opportunities for our state agencies.

Coordinated Procurement Sourcing

Continuing to evaluate the IT based contracts, vendors, suppliers, commodity usage to help define each next generation of contracts for negotiating and for pricing analysis.

Data Standards and Data Movement.

The 2008-2013 strategic plan called for utilizing national and industry standard at every opportunity. The NIEM (national Information Exchange Model) is the basis for many discussions as we continue to look for federal/state/local sharing of like information.

RISK MANAGEMENT

Most agencies are participating in an annual Security assessment under the ITEC Security council oversight. We have made significant progress in getting agencies to the point that they are secure, recoverable and protected. Training for Agency disaster planning and recovery, security planning and monitoring and user desktop security awareness has helped move our workforce toward a better protected but accessible environment.

Some concerns as a result of the surveys are

- Only 40% of individuals take annual security awareness training. This number is coming up but is still low.
- Some agencies do not have a security or incident response policy.
- Some agencies do not have an employee security awareness policy.
- Ongoing efforts will minimize these security Risks but continual focus on Continuity of operations training and incident response planning and control needs to remain as a forefront of security.
- However the biggest concern is that security efforts are not directly tied to the application development and support environments. So applications are moved forward with application or agency only focus on security and accessibility and not on an enterprise focus on process support, shared services or shared information. Security will need focused efforts to address those aspects as we move forward with our Strategic plan.

Agency Summaries

Note: IT Expenditures do not include salary information

Agency No.	Agency	FY 2009 Total FTE	FY2009 Total Budget	FY 2008 IT Expenses	FY 2009 Assets Servers	Virtual	Desktops	Replaced	Mobile
016	Abstracters' Board of Examiners	-	$ 21,814	$ 227	-	-	-	-	-
028	Accountancy, Board of	3	$ 315,697	$ 25,308	-	-	5	1	-
034	Adjutant General	219	$ 145,589,400	$ 550,598	16	-	162	25	-
173	Administration, Department of	761	$ 94,480,596	$ 22,391,731	90	-	925	50	-
039	Aging, Department on	214	$ 499,008,535	$ 984,171	43	2	170	97	-
046	Agriculture, Department of	354	$ 28,274,388	$ 1,013,280	39	1	434	50	-
055	Animal Health Department	33	$ 2,800,855	$ 49,386	2	-	18	-	-
359	Arts Commission, Kansas	8	$ 2,338,022	$ 11,874	1	-	8	-	-
082	Attorney General	104	$ 20,619,227	$ 493,774	10	-	130	-	-
094	Bank Commissioner	99	$ 8,577,041	$ 412,441	16	-	104	13	-
100	Barbering, Kansas Board of	2	$ 155,851	$ 4,995	-	-	2	-	-
102	Behavioral Sciences Regulatory Board	8	$ 625,213	$ 28,153	2	-	5	1	-
604	Blind, School for the	94	$ 6,522,707	$ 89,835	10	-	120	-	-
122	Citizens Utility Ratepayer Board	6	$ 803,448	$ 11,880	-	-	-	-	-
300	Commerce and Housing, Department of	419	$ 112,731,406	$ 1,962,533	36	-	356	146	-
634	Conservation Commission	14	$ 15,730,447	$ 25,704	5	-	16	4	-
143	Corporation Commission	214	$ 21,029,138	$ 696,226	22	-	260	95	-
521	Corrections, Department of	3,113	$ 296,131,281	$ 3,344,585	118	134	2,353	158	-
149	Cosmetology, Board of	12	$ 806,356	$ 100,290	3	-	12	1	-
159	Credit Unions, Department of	12	$ 894,662	$ 21,050	1	4	2	-	-
610	Deaf, School for the	174	$ 10,038,104	$ 155,622	7	-	190	30	-
167	Dental Board	3	$ 382,560	$ 14,116	-	-	4	-	2
652	Education, Department of	213	$ 3,767,298,777	$ 1,152,215	31	16	300	80	100
206	Emergency Medical Services Board	14	$ 2,306,203	$ 160,478	3	-	-	30	-
373	Fair, Kansas State	24	$ 6,684,896	$ 46,668	2	1	43	8	2
234	Fire Marshal Office, State	53	$ 4,780,958	$ 202,769	5	-	25	12	37
247	Governmental Ethics Commission	9	$ 689,873	$ 15,833	1	-	12	2	-
252	Governor, Office of the	38	$ 18,181,126	$ 72,034	-	-	-	-	-
261	Guardianship Program, Kansas	12	$ 1,311,606	$ 46,174	-	-	-	-	-
105	Healing Arts, State Board of	39	$ 3,259,578	$ 101,796	11	1	45	21	26
264	Health and Environment, Department of	884	$ 231,445,128	$ 7,694,225	160	-	1,200	150	400
270	Health Care Stabilization Fund	17	$ 33,484,239	$ 34,456	3	-	17	4	3
171	Health Policy Authority, Kansas	264	$ 1,411,166,601	$ 1,855,557					
266	Hearing Aid Board of Examiners	0	$ 29,511	$ 950	-	-	7	-	-
280	Highway Patrol	859	$ 91,060,294	$ 2,348,751	20	33	500	125	600
288	Historical Society, State	134	$ 9,841,288	$ 212,655	20	2	204	45	19
058	Human Rights Commission	34	$ 2,238,151	$ 60,510	2	-	31	-	8
328	Indigents' Defense Services, State Board	193	$ 23,925,804	$ 395,575	23	-	199	-	57
331	Insurance Department	143	$ 23,617,836	$ 426,148	11	-	180	45	16
083	Investigation, Kansas Bureau of	220	$ 27,054,083	$ 3,666,714	110	1	350	70	20
677	Judicial Branch	1,858	$ 127,126,771	$ 1,954,453	11	-	175	15	30
349	Judicial Council	7	$ 1,545,573	$ 57,221	1	-	7	-	-

Agency No.	Agency	FY 2009 Total FTE	FY2009 Total Budget	FY 2008 IT Expenses	Servers	Virtual	FY 2009 Assets Desktops	Replaced	Mobile
350	Juvenile Justice Authority	628	$ 104,477,559	$ 839,597	36	2	475	125	60
360	Kansas, Inc.	5	$ 622,433	$ 9,511	1	-	5	2	1
296	Labor, Department of	552	$ 362,216,329	$ 25,902,746	75	25	250	250	-
422	Legislative Coordinating Council	11	$ 1,066,701	$ 1,161	-	-	-	-	-
425	Legislative Research Department	40	$ 3,678,206	$ 63,343	1	-	-	-	-
428	Legislature	37	$ 18,931,225	$ 2,781,382	20	-	578	165	-
434	Library, State	27	$ 7,449,972	$ 778,985	4	-	45	5	2
446	Lieutenant Governor	4	$ 218,957	$ 5,467	-	-	-	-	-
450	Lottery, Kansas	99	$ 78,069,226	$ 2,234,605	6	10	100	25	60
204	Mortuary Arts, Board of	3	$ 276,605	$ 16,234	-	-	3	1	1
482	Nursing, Board of	24	$ 1,854,916	$ 173,164	13	-	27	8	18
488	Optometry, Board of Examiners In	1	$ 130,411	$ 1,966					
523	Parole Board, Kansas	3	$ 511,571	$ 6,102	1	-	3	-	3
531	Pharmacy, Board of	8	$ 883,481	$ 68,659	-	-	-	-	-
671	Pooled Money Investment Board	-	$ -	$ -			-		
540	Post Audit, Legislative Division of	27	$ 2,700,308	$ 17,793	4	36	-	35	1
553	Racing & Gaming commission, Kansas	120	$ 17,548,633	$ 453,401	15	-	112	17	8
543	Real Estate Appraisal Board	2	$ 316,937	$ 10,358	-	-	4	2	10
549	Real Estate Commission	15	$ 1,103,162	$ 108,797	3	-	14	7	11
561	Regents, Board of	64	$ 299,403,005	$ 7,411,125	15	3	82	16	13
379	Regents: Emporia State University	823	$ 77,389,812	$ 3,434,355	116	53	2,820	621	165
246	Regents: Fort Hays State University	738	$ 83,253,752	$ 3,654,224	44	7	1,650	140	370
367	Regents: Kansas State University	5,189	$ 652,414,754	$ 22,905,131	425	-	19,000	3,572	-
385	Regents: Pittsburg State University	878	$ 84,863,121	$ 3,334,718	31	28	-	-	-
682	Regents: University of Kansas	5,450	$ 549,883,449	$ 21,329,999	363	100	21,000	-	-
683	Regents: University of Kansas Medical Center	2,703	$ 275,242,151	$ 8,116,579	250	3	3,687	-	938
715	Regents: Wichita State University	1,881	$ 209,305,210	$ 6,516,331	180	20	8,300	600	250
365	Retirement System, KS Public Employee	88	$ 57,057,166	$ 3,837,268	20	8	180	48	6
565	Revenue, Department of	1,096	$ 98,181,488	$ 8,422,031	206	3	1,652	3,000	440
579	Revisor of Statutes	32	$ 3,548,603	$ 84,582	-	-	-	-	-
622	Secretary of State	55	$ 6,164,224	$ 1,163,705	63	-	66	20	42
625	Securities Commissioner of Kansas	32	$ 2,961,053	$ 84,204	4	-	8	1	28
626	Sentencing Commission, Kansas	10	$ 10,103,797	$ 38,256	2	-	22	4	2
629	Social & Rehabilitation Services, Department of	6,327	$ 1,696,798,918	$ 26,064,413	315	17	6,400	2,100	846
562	Tax Appeals, Board of	26	$ 2,327,697	$ 55,019	7	-	38	10	14
663	Technical Professions, Board of	6	$ 576,909	$ 15,387	1	-	5	-	-
371	Technology Enterprise Corp., Kansas	16	$ 14,201,325	$ 204,368	4	-	15	15	17
276	Transportation, Department of	3,151	$ 1,599,023,985	$ 33,635,262	248	11	3,126	800	110
670	Treasurer, State	56	$ 17,971,781	$ 224,941	21	3	47	10	-
694	Veterans Affairs, Commission on	537	$ 22,156,967	$ 291,676	4	-	178	21	-
700	Veterinary Examiners, Board of	3	$ 268,925	$ 4,172	-	-	3	1	-
709	Water Office, Kansas	24	$ 9,499,234	$ 323,620	4	-	27	7	27
710	Wildlife and Parks, Kansas Department of	417	$ 67,873,245	$ 1,462,770	30	-	-	25	-
Grand Totals		**42,080**	**$ 13,497,452,247**	**$ 238,980,364**	**3,399**	**524**	**78,793**	**13,226**	**5,439**

Abstracters' Board of Examiners (Agency #016)

MISSION: Regulate in a fair and equitable manner the individuals and firms that compile and sell abstracts of Kansas real estate. In addition, the Board strives to protect the citizens of the State of Kansas against fraudulent and improper land title transfers.

SFY 2009 BUDGET: **$21,814.00**
SFY 2009 FTE: **0.0**
SFY 2008 IT EXPENDITURES: **$226.85**
WEBSITE ADDRESS: **None**

IT Profile: Agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	0	0	0
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None Reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: None Reported.

STRATEGIC DIRECTION AND OBJECTIVES: Our IT Plans have not changed. We do not plan to do anything more than we already have. No dollars budgeted over the next three years.

Accountancy Board (Agency #028)

BUSINESS PROGRAMS:
Regulation of Certified Public Accountants

MISSION: The mission of the Kansas Board of Accountancy is to provide the public with a high degree of confidence in those holding themselves out to be Certified Public Accountants (CPAs) in Kansas, through the use of qualifying educational requirements, professional screening examinations, practical public accounting experience, internships, ethical standards, and continuing professional education and practice oversight for continued licensure.

SFY 2009 BUDGET: **$315,697.00**
SFY 2009 FTE: **3.0**
SFY 2008 IT EXPENDITURES: **$25,308.32**
WEBSITE ADDRESS: **http://www.ksboa.org**

IT Profile: Agency had no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	5	5	5
Desktops Replaced	1	2	2
Mobile Devices	0	1	1

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Updated and maintained agency web page. Purchased a Dell Precision 690 Computer.

STRATEGIC DIRECTION AND OBJECTIVES: Agency continues to back-up system and store information off-site. Continuing maintenance of existing systems. Continuing to upgrade as technology moves forward.

Agency Architecture: None reported

Business Contingency Planning: The Board does not have a published contingency plan. The agency's information is backed up on a separate hard drive and the agency is in the process of scanning all documents into the database. Once this has been accomplished, all information will be able to be accessed at a remote location.

Business Process and Workflow Management: None reported

Collaboration Software: None reported

Data Storage and Administration: All data is stored at the agency and on a separate hard drive at a remote location.

Data Transfer: None reported

Electronic Records Retention: The agency contracts with Kansas.gov for online applications. The agency has online administration capability. The online renewals are downloaded on a daily basis and are scanned and included in the files.

E-Government: All application forms, and laws and regulations are provided on the agency's webpage, as well as helpful links to other sources of information relative to CPAs. All forms are provided in PDF Adobe Acrobat format with links to downloading the most current versions of vehicles needed to view and download information. Laws and Regulations are provided in html as well as PDF format. Persons may communicate with the agency via the agency's e-mail address.

End User IT Security Training: None reported

Identity Management: There are no current plans to incorporate a digital identity capability.

IT Disaster Recovery: None reported

IT Security Staff: The Board has a firewall for the SQL Server. The agency's computers are turned off at the end of the day and when the office is not open. The agency is comprised of 3 staff people. One person is always present during office hours.

Public Key Infrastructure: No current or planned usage of electronic signatures.

Service Oriented Architecture: None reported

Technology Infrastructure: No plans are being made to change current technology infrastructure other than to update equipment as it ages.

Administration, Department of (Agency #173)

BUSINESS PROGRAMS:

Accounts & Reports	Budget
Facilities Management	Information Systems and Management
Office of Administrative Hearings	Office of Chief Counsel
Long Term Care Ombudsman	Personnel Services (Statewide)
Printing	Purchases

MISSION: We provide quality services – responsibly.

SFY 2009 BUDGET: **$16,151,075.00**
SFY 2009 FTE: **760.55**
SFY 2008 IT EXPENDITURES: **$0**
WEBSITE ADDRESS: **http://da.state.ks.us/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	26.5	4	26.5	4	26.5	4
Application Maintenance and Enhancement (in-production systems)	15	15.9	15	15.9	15	15.9
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	4	0	4	0	4	0
Data Administration, Data Analysis/Validation and Database Administration	9	10	9	10	9	10
Network Engineering, Technical Management and Support	45.65	5	45.65	5	45.65	5
Computer Operations, Management and Technical Support	42	0	42	0	42	0
Web application development and maintenance	3	0	3	0	3	0
IT Security	2	5	2	5	2	5
Other IT Functions (please identify) Central Mail Services, Customer Service, LAN Administration, Chief Information Tech. Officer	38.5	6	38.5	6	38.5	6
TOTAL FTEs	**185.65**	**45.9**	**185.65**	**45.9**	**185.65**	**45.9**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	1	1
Physical Servers	196	90	36
Virtual Servers	0	0	0
Desktops	820	925	925
Desktops Replaced	270	240	240
Mobile Devices	44	50	59

SFY 2008 MAJOR APPLICATIONS:
SHARP (Division of Personnel Services and Division of Accounts and Reports)
STARS (Accounts and Reports)
STARS Ad Hoc (Accounts and Reports)
Kansas Debt Recover System (KDRS) (Accounts and Reports)
iBars Budget System (Division of the Budget)
Purchasing System, Procurement Manager Plus ("PROCMAN") (Division of Purchases)
Open Enrollment, Benefit Confirmation and Total Compensation Statement (Division of Personnel Services, Health, Policy and Finance, DISC)
KOMAND (Division of Information Systems and Communications)
A/R (Division of Information Systems and Communications)
A/P (Division of Information Systems and Communications)
F/A (Division of Information Systems and Communications)
Laser Print Applications (Division of Information Systems and Communications)
HP/Openview (Division of Information Systems and Communications)
Optivity (Division of Information Systems and Communications)
eHealth (Division of Information Systems and Communications)
KIRMS (Division of Information Systems and Communications)
NCM (Division of Information Systems and Communications)
Microsoft SQL 2003 Enterprise
Microsoft Exchange 2003 Enterprise
Microsoft Identity Integration Server
Microsoft SQL Internet Security and Acceleration Server (ISA)
Microsoft Systems Management Server 2005
Microsoft Operations Manager/ SQL Tech
Tivoli Storage Manager
Vista 3270 – State of Kansas site license
Core FTP – State of Kansas site license
Blackberry Enterprise Server
SharePoint Services Server
CommVault Simpana

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Division of Information Systems and Communications strived to provide the best possible support to their customers in all areas of information technology during the past year. The Bureau of Department of Administration Systems (BDAS) provided programming support for the Open Enrollment process, created Benefit Confirmation Statements and the Total Compensation Statement for viewing on the web. They replaced the custom Employee Self-Service links page with a new vanilla version. BDAS successfully implemented the upgrade from PeopleSoft 8.0 to 8.9. They provided maintenance and support for the Setoff application, and FY 2007 collections totaled approximately $1,500,000. By the end of FY2008 the application included about 369,000 debts totaling $1,273,760,000. BDAS also enhanced the STARS reporting subsystem to allow agencies to request daily and monthly STARS reports in downloadable PDF format.

The Enterprise Internet Services Unit (EISU) provided support and troubleshooting for multiple web sites with over 17 million page views per year from both national and international visitors. They redesigned Benefits Open Enrollment, Benefits Confirmation Statement and the Employee Total Compensation Statement applications to make them compatible with the new vanilla version of Employee Self-Service. EISU developed a new Online Appointments Application for the Governor's Office. They developed the new Ride Sharing module for the Car Pool Ride Matching Service (CPRMS) application.

The Enterprise Project Management Office (EPMO) provided IT project status oversight for approximately 35 active projects totaling over $155,000,000 dollars. They managed two Project Management Methodology certification training classes and certified over 35 participants The EPMO office began the review of all ITEC policies. Twenty-three projects were completed totaling $36,005,763. This office developed and implemented project management curriculum for the entire calendar year, allowing participants to plan training into their schedules and to take required prerequisite classes.

Administrative Services (BAS) continues to research Unified Communications (UC) technology and its affect on KANWIN. They turned over the FMS project to Accounts and Reports. BAS continues to gather data on all telecommunications equipment for the Kansas Information Resources Management System (KIRMS).

Information Systems (BIS) entered into Service Level Agreements with the Board of Emergency Services, Kansas Corporation Commission, Kansas Department of Revenue and Racing and Gaming Commission for data center floor space. They assisted the Division of the Budget in negotiating an agreement with for an upgrade to a new web-based Budget system (iBars). BIS participated on the evaluation committee and negotiation team for a new statewide financial management system. They also assisted the Department of Revenue with consolidating their tape backup process onto a single Robotic Tape Library, elimination an aging and expensive-to-maintain library. This section created and published guidelines to promote best practices for a Green Data Center.

Customer Services (CSC) installed firewalls to secure additional small agencies. The Attorney General's office migrated from Novel Netware and GroupWise to Microsoft and Exchange. CSC implemented a new full-time security position to monitor the DofA LANs. They provided technical support and intrusion detection services to numerous agencies that were infected with viruses and exploits. CSC implemented and email encryption service for Department of Administration users that handle confidential information. The bureau set up and installed more than 300 new desktops and 20 laptops.

Telecommunications (BOT) initiated a project to improve overall organizational effectiveness with the bureau. They started a project to upgrade the KANWIN switching infrastructure. This involves the placement and implementation of 510 network switches throughout the State. BOT performed a total rebuild of the Statehouse West Wing communications infrastructure. The bureau processed over 65,000 customer contacts including 6,000 work orders and trouble tickets. Open Enrollment generated 14,700 calls in October alone. BOT also installed over 832,000 feet of horizontal cabling and 121,000 feet of fiber optic cable.

The Kansas Information Technology Office (KITO) developed Tested a prototype of Common Business Architecture model in conjunction with other State Enterprise Architects based upon the Federal Model. They completed the update of the State of Kansas Strategic Information Management Plan (SIMPlan) in January 2008. KITO assisted KHPA and SRS with models for Elegibility system concept. They developed a State Property Asset Mapping database, and a State Vehicle Asset Management application.

Details of Accomplishments

Bureau of Department of Administration Systems

- Provided programming support and 24/7 problem resolution for SHARP. Completed 213 Service Requests, 164 data updates for A&R, DPS and other agencies. Provided support to interface users, Regent Institutions and Employee Self Service.
- Produced all paychecks on time for all 26 on-cycle pay periods plus 78 off-cycle runs in SHARP 8.9 system and processed 75,280 W2's for the 2007 Year-End.
- Applied four PeopleSoft tax updates and six PeopleSoft fixes and ten Maintenance Packs in SHARP 8.9 bringing the system current with delivered changes.
- Continued to work with Oracle/PeopleSoft to correct several accessibility problems with their software. Fixes are now available in the next tools version which we will upgrade to at a later date.
- Replaced the custom Employee Self Service links page with a new vanilla version
- Provided programming support for the Open Enrollment process, created Benefit Confirmation Statements and the Total Compensation Statement for viewing on the web.
- Developed new program to add a year end bonus for 2007 per Legislative request
- Completed development for Phase 1 on the new pay plan. This accomplished bringing a specified group o job codes closer to market wages.
- Successfully implemented the upgrade from Peoplesoft 8.0 to 8.9.
- Completed approximately 260 STARS batch cycles and produced approximately 900,000 STARS warrants and about 275,000 electronic deposits.
- Provided maintenance and support for the Setoff application. During FY 2008 collections totaled approximately $19,500,000. By the end of FY 2008, the application included about 369,000 debts totaling $1,273,760,000.
- Restored STARS batch and on-line files during the annual hot site exercise and ran a batch cycle end to end at the hot site. Successfully tested printing of multiple STARS outputs.
- Automated SetOff's STARS match list processing to increase efficiency and eliminate duplicate entry.
- Tested various system software upgrades and made required application software modifications to Setoff, STARS and STARS Ad Hoc.
- Tested and established new batch Stars vendor processes for KU and KHPA
- Restored and tested the Boat application during the 2008 hot site exercise. This application is used by both Wildlife & Parks and by the KBI.
- Upgraded KIRMS version to 6.11.50. Also completed KIRMS modifications and enhancements for the Phase 1 Infrastructure Project.
- Created a new batch process to decertify debts that are sent to SetOffs in error.
- Completed a SetOffs enhancement which allows users to do inquiries on multiple SSNs.
- Provided programming support and prompt problem resolution for STARS and Setoff applications. Also provided 24/7 on-call support for the STARS application.
- Began work on Phase2 (Circuits and Cable) and Phase 3 (Internal Help Desk) of KIRMS Infrastructure Project. An upgrade to KIRMS Version 6.11.170 was also tested and will be implemented during the early part of FY 2009.
- Enhance the STARS reporting subsystem to allow agencies to request daily and monthly STARS reports in downloadable PDF format.

Enterprise Internet Services

- The Enterprise Internet Services Unit (EISU) provides consulting, management, and web application development of the complete software development life cycle for Internet applications and content for the Department of Administration, DISC and enterprise projects that span multiple agencies.
- Provided programming support for 50+ web-based applications spanning the Department of Administration, the Office of the Governor and associated organizational units, and the Kansas Health Policy Authority.
- Provided application development, testing and maintenance for Benefits Open Enrollment, Benefits Confirmation Statement and the Employee Total Compensation Statement applications. These applications resulted in significant savings to the enterprise.
- Provided support and troubleshooting for multiple web sites with over 17 million page views per year from both national and international visitors. This support was in conjunction with providing leadership and consulting to the Department of Administration's 15 division web authors.
- Redesigned Benefits Open Enrollment, Benefits Confirmation Statement and the Employee Total Compensation Statement applications to make them compatible with the new vanilla version of Employee Self Service.
- Developed new Online Appointments Application for the Governor's Office. The old process was completely manual, and consisted of hardcopy documents that had to be created and distributed to both Governor's staff and legislators. The online process is electronic with process workflow. The application reduces both hard and soft costs, and increases efficiency. http://governor.ks.gov/appointments.htm
- Per 2007 Legislature, we developed the new Ride Sharing module for the Car Pool Ride Matching Service (CPRMS) application. The Ride Sharing module enables state employees to coordinate work travel to the same location to maximize usage of state-owned or rental vehicles, and reduce fuel consumption. http://da.ks.gov/cprms/
- Created new IT Sourcing web site for the Strategic Sourcing Task Force. The purpose of the site is to provide agencies with the information they need to make informed decisions and get the most cost effective price. http://da.ks.gov/itsourcing/
- Completely redesigned the Kansas Mentors web site. http://ksmentors.ks.gov/
- Implemented Google Search module across entire Department of Administration web site replacing legacy search feature.

Enterprise Project Management Office

- Provided IT project status oversight for approximately 30 to 35 active projects totaling over $155,000,000 dollars.
- Hosted twice weekly meetings with the Executive CITO regarding IT projects.
- Published four quarterly IT Project Summary Reports presented to JCIT and ITEC. This report is published online only, insuring saving in printing costs.
- Twenty-three (23) projects completed in SFY2008 totaling $36,005,763

KAHD	1	Impact of Environmental Interferences and Performance Variation - $372,524
D of A	3	Mainframe CPU Upgrade - $780,603
		SHARP PeopleSoft 8.9 HR/Payroll System Upgrade - $1,969,932
		Strategic Information Management Plan - $234,288
KDOR	1	Project 2010 Vehicle Information Processing (VIPS) Replacement Feasibility Study - $350,621
KDOT	2	Crew Card Reporting $802,854
		Fabric Switch Replacement - $239,000
KHP	2	Acquire and Implement CVIEW - $554,592
		Mobile Data Units - $2,016,943
KHPA	2	MMIS FARMS Replacement - $427,890
		MMIS National Provider Identifier Enhancement - $6,630,482
KBI	1	CMS Client Software - $537,762
SRS	3	Kansas Payment Center - $143,936
		Server Consolidation - $694,476
		Storage Area Network - $279,361
KDWP	1	Kansas Outdoor Automated Licensing System - $217,150
Regents		
ESU	1	Enterprise Resource Planning System - $5,851,582
KSU	1	Food Service System Replacement - $483,459
KU	1	KU Wireless Back-End Upgrade Infrastructure - $802,255
KUMC	1	Campus Wireless Infrastructure - $316,571
WSU	1	WSU Information Network - $10,683,928
Legislature		
	2	Kansas International Roll Call and Voting Board and Vote Management System - $1,588,074
		Lease Computers for Legislative Staff - $27,480

- Completed review of all ITEC policies.
- Released and Awarded IT Project Management Training Contract. The 2008 training program will look toward a future direction that will establish a curriculum pathway where each class will build upon the Project Management Body of Knowledge (PMBOK) and establish a pathway that would support students who wish to work toward the globally recognized PMP certification.
- Managed two Project Management Methodology certification training classes and certified over 35 participants.
- Developed and implemented project management curriculum for entire calendar year, thereby allowing participants to plan training into their schedules and to take required prerequisite classes.
- Conducted 10 ITAB meetings.
- Began Project Management Methodology Refresh Effort to refresh the Kansas Project Management Methodology (PMM) with input from Agency Focus Groups that will improve its ease of use and broaden its applicability while maintaining oversight controls. Ideas and recommendations have been captured and compiled in a Recommendations Document. Development of the first deliverable, Project Rating Matrix, is underway.

Administrative Services

- Continued to research Unified Communications (UC) technology and its affect on KANWIN.
- Provided fiscal planning and research for the FMS project. Completed developing the location and office setup for the project workers. Turned over FMS project to Accounts and Reports.
- Kansas Information Resources Management System (KIRMS) becoming the integrated tool we need it to be. We continue to gather data on all telecommunications equipment for KIRMS.

Information Systems

- Entered into a Service Level Agreement with Board of Emergency Services, Kansas Corporation Commission, Kansas Department of Revenue and Racing and Gaming Commission for data center floor space
- Completed the SHARP upgrade project, hardened the environment with failover capabilities at the ODC, and subsequently upgraded PeopleTool environment.
- Participated in the annual mainframe Disaster Recovery test in June. Technicians learn more each year and continue to fine tune this important process.
- Assisted the Division of Budget to negotiate an agreement with Affinity Global Systems for an upgrade to a new web-based Budget system (iBARS). Provided technical support during implementation of the new system.
- Evaluated numerous options to provide data center space in Wichita for the disaster recovery needs of several agencies, resulting in a lease agreement with a data center provider that had available space in that area. Plans are underway to reconfigure the data center for our unique requirements.
- Participated on the evaluation committee and negotiation team for a new statewide financial management system. The negotiation process will continue into FY2009, with system implementation scheduled to begin afterwards.
- Negotiated numerous hardware and software maintenance agreements with various vendors, resulting in significant savings and improved coverage in most cases. Finalized business case for construction of an offsite printing and mail facility to be shared by multiple state agencies. Should refurbishment of the DSOB or LSOB be approved, we will be better prepared to follow through with plans for construction and movement to a new facility.
- Upgraded KIRMs to the latest version.
- Upgraded DISC's UNIX backup processes to the latest versions and hardened SHARP backups by incorporating disk to disk backups
- Rearranged UNIX Datacenter floor plan to better utilize available space
- Assisted Division of Printing in implementing new Sun Servers
- Hardened Alteon Load Balancer environment with failover capabilities at ODC
- Working on DAWeb Disaster Recovery at ODC
- Implemented a 4GB pipe between ODC and LSOB and increased connectivity capacity at ODC with 24 additional ports
- Upgraded production SQL cluster to SQL 2005
- Implemented new audio servers for the Legislature to allow IP broadcast from KanWin
- Assisted KDOR to consolidate their tape backup process onto a single Robotic Tape Library, eliminating an aging and expensive-to-maintain library
- Participated in the annual Disaster Recovery test and successfully printed the output of the STARS cycle at the CoSentry disaster recovery facility.
- Entered into a service level agreement with KDOR for printing and FirstLogic services for Motor Carrier Tax Bills
- Installed new security cameras in the 7th floor Data Center

- Created and published guidelines to promote best practices for "Green" Data Center
- Replaced aging mainframe DISK subsystem increasing capacity to 4.5TB.
- Upgraded mainframe central processor to a z/9 Business Class machine with a current capacity level set to approx 720 MIPS (Millions of Instructions Per Second).
- Increased XIOTech SAN storage subsystem in the Landon Data Center from 6TB to 13TB in order to accommodate growth in the LAN/WAN server environment.
- Replaced aged XIOTech SAN storage subsystem at the Topeka Offsite Data Center with a new subsystem increasing the storage capacity to 13TB. This was done to accommodate storage needs at this data center and also provide the framework for replicating data from the Landon data center. Data replication will allow a more efficient means of recovering LAN/WAN servers in the event of a disaster.
- Migration efforts to vacate the 4745 SNA communications controller continue. All point-to-point circuits have been removed and only Token-Ring traffic remains. This traffic will be moved in FY2009 completing the migration project.
- Added a new server for the TSM LAN/WAN backup/recovery service at the Topeka Offsite Data Center. Included with this server was a new DISK storage device utilizing industry leading data-deduplication technology. This technology makes it possible for local backups to be stored efficiently on DISK rather than TAPE. The result is a greatly improved recovery time for restoring servers. This technology will be implemented on all TSM servers in FY2009.
- Completed several major product upgrades on the mainframe including Top Secret, CICS, and DB2.

Bureau of Telecommunications

- Stabilized the Nortel LAN switching infrastructure in the first Quarter of 2007. The net result was an approximated 22,000 hour increase in Kansas network productivity in 2007 compared to 2006.
- Initiated a project to improver overall organizational effectiveness. This project is based on an independent study of BOT effectiveness. To date the results have provided best practice engineering methodologies, heightened emphasis on operational efficiency and better use on network management tools..
- Initiated a project to upgrade the KanWin switching infrastructure. It involves the placement and implementation of 510 network switches throughout the State. To date the project has resulted in a new Network Architecture document, new network design documentation, given the GETVPN network service and a pilot project for the new Digital Media Service. New IPS/IDS security enhancements have also been incorporated into the Upgrade. The Upgrade Project is scheduled to continue throughout 2008 and complete by mid-2009.
- Initiated a new WAN Services Agreement. DISC contracted with AT&T for their new AT&T Virtual Private Network (AVPN) product, a layer 3 connectivity platform, to replace our existing frame relay platform. The new connectivity offers an approximate 200% increase in bandwidth for approximately a 38% increase in cost statewide.
- Performed a total rebuild of the Statehouse West Wing communications infrastructure. This included the network backbone, all House of Representatives and legislative support personnel workstations, the Legislative Services Data Center and the House Chamber voting equipment and audio system.
- Built new or renovated and rewired 14 equipment closets in ESOB.
- Processed over 65,000 customer contacts including 6,000 Work orders and Trouble Tickets. Open Enrollment generated 14,700 calls in October alone.
- Installed approximately 832,000 feet of horizontal cabling and 21,000 feet of fiber optic cable.

Customer Services

- Installed firewalls to secure additional small agencies.
- Installed Microsoft SharePoint Services server for information sharing projects.
- Replaced the PC Docs system in Legal with SharePoint
- Virtualized DOA servers (45) with VMware.
- Migrated Attorney General's office from Novell Netware and GroupWise to Microsoft and Exchange.
- Upgraded Blackberry Enterprise Server.
- Virtualized Purchases server, database and procurement application. Updated maintenance functions with documentation in lieu of vendor support.
- Virtualized cluster server for Health Policy to replace failed hardware.
- Implemented a new, full time security position within Customer Support to monitor the DofA LANs.
- Upgraded all components of the anti-virus systems to the current release.
- Upgraded all components of the Tivoli backup system.
- Acquired and implemented a full replica of the DofA production environment for a best practices test lab. This is being used in support of the CommVault project.
- Implemented a new Internet Security and Acceleration server for DofA.
- Deployed Windows Vista and Office 2007 in Customer Support for testing purposes. The test was successful and deployment has begun in the Department
- Upgraded and installed CommVault from QNetix to Simpana for searchable e-mail backup and recovery. Conversion of mailboxes is underway
- Provided technical support and intrusion detection services to numerous agencies that were infected with viruses and exploits.
- Continued development of numerous MS SQL databases for small agencies and the Governor's office.
- Implemented an affirmative firewall rule deployment. Only rues based traffic is permitted.
- Moved additional network servers and security devices to the Offsite Data Center for redundancy.
- Implemented an e-mail encryption service for Department of Administration users that handle personal or confidential information.
- Deployed additional Core FTP for encrypting Sharp 8.9 payroll report files.
- Set up and installed more than 300 new desktops and 20 laptops.

Kansas Information Technology Office

- Completed review of all ITEC policies.
- Continue to provide Project Management Orientation for new CIO's.
- Released and Awarded IT Project Management Training Contract. The 2008 training program will look toward a future direction that will establish a curriculum pathway where each class will build upon the Project Management Body of Knowledge (PMBOK) and establish a pathway that would support students who wish to work toward the globally recognized PMP certification.
- Conducted 10 ITAB meetings.
- Conducted three 3-CITO meetings in July, September, and March.
- Continue to update the KITA to Ver. 11.1 using Federal Enterprise Architecture Reference models.
- Conducted 4 ITEC meetings.
- Tested prototype of Common Business Architecture model in conjunction with other State Enterprise Architects based upon Federal Model. Using Health and Human Services subcabinet agencies for alignment of mission, function & systems.

- Completed the update to the State of Kansas Strategic Information management plan (SIM Plan) Jan 2008.
- Developed and published the Annual Summary of Agencies 3-Year IT Management and Budget Plan.
- Assisted KHPA and SRS with models for Eligibility system concept.
- Assisted KCJIS with E-Citation concept and information flow models
- Assisted Board of EMS and several supporting agencies with JCIT testimony on EMS information collection linkages with 911 Call center and dispatchers and emergency room & trauma information.
- Assisted KDOC with an Enterprise Architecture Requirements Document and Task Order to fulfill a JCIT request
- Supporting the TRCC and KCJIS environments and move to support NIEM (National Information Exchange Model) by sponsoring IJIS institute awareness session in Kansas and upcoming NIEM training by the IJIS institute in July
- Developing State property asset mapping database.
- Developed State Vehicle Asset Management Application
- Managed $250K in GIS Database Development projects
- Developed & maintained multiple GIS applications for multiple agencies and local governments
- Developing plans for GIS Implementation in Rural Kansas Counties
- Completed data applications and server connections for participation in the USGS National Map
- Link to the Kansas Data Access and Support Center FY 2007 Annual Report. http://www.da.ks.gov/gis/documents/annual_report_fy2007.pdf
- Link to the GIS Strategic Plan http://www.da.ks.gov/gis/documents/KS_StrategicPlan_Final_v4.2.pdf

Security

- Continue to evaluate and test of new technologies to enhance enterprise network security.
- Continued to enhance the role of the Enterprise Security Office with increased policy, operational and incident coordination responsibilities.
- Enhance enterprise security response team capabilities to respond to security incidents.
- Continue to increase coordination of security responses throughout the enterprise.

STRATEGIC DIRECTION AND OBJECTIVES: The Division of Information Systems and Communications (DISC), like many other Kansas Government agencies, face the challenge of emerging technologies, including Wireless (WLAN) and Unified Communications (UC) among others. These technologies place demands not only on DISC technical capabilities but financial resources as well. DISC formed a multi-agency team to implement WLAN to review the technical issues and plan an implementation schedule. The division continues work to implement an enterprise-wide business plan for the adoption of UC. The plan calls for a complete analysis of KANWIN and the demands UC will place on its infrastructure.

In support of the technology services DISC provides a work order, labor tracking and billing system called the Kansas Integrated Resource Management System (KIRMS). This application greatly increases efficiencies and saves resources for the enterprise by clearly managing functional tasks and billings created by the services provided to state government.

Rising costs of licensing and maintenance fees continue to be of concern to DISC. DISC aggressively negotiates its IT contracts for the best price possible, along with increased vendor services. The division regularly analyzes its legacy systems, client/server and web-enabled applications that function in an integrated fashion for the enterprise.

DISC Administrative Services

Administrative Services provides the day-to-day business functions necessary to operate the division. The unit makes every effort to consolidate functions, resulting in reduced rates to their customers. The unit will continue to research Unified Communications (UC) and its affect on rates. Also, they will explore alternate KANWIN billing methods.

DISC will continue to study mailroom operation consolidation with other state agencies. Consolidation increases Central Mail efficiencies, generates savings for the enterprise and reduces DISC overhead rates per mail piece. Central Mail will electronically scan incoming mail, resulting in increased security, mail testing and controlled delivery. Central Mail will study its ability to scan mail and send it electronically.

DISC administers mail processing database software that leverages its investment in high-speed mainframe laser printer. The software sorts the data files by carrier routs and prints the eleven digit zip code on each mail piece, resulting in significant postage savings to the enterprise.

Telecommunications

DISC will continue to provide management of a fully integrated voice, data, and video network at the desktop. The division believes network availability as crucial to its operations and has set its base level network availability at 99.80%.

Over the next few years IP Convergence (IP Video and Unified Communications (UC)) technologies will become more common on the network. DISC will enhance Class of Service technologies to make these technologies possible. The possible replacement of Centrex phone service in Topeka and Wichita with Unified Communications is under investigation. BOT is starting the design and construction of a network for support of converged services (voice, data, and video). This also includes upgrading the 'maturity level' of the entire organization and its processes in support of those future services.

Telecommunications will explore alternative connection options, including cable and cellular data services, into KANWIN to reduce costs and increase bandwidth to customers.

Install automated network configuration management technology to provide increased change management control over KANWIN. This software will result in reduced downtime and shorter repair times for failures.

Implement document and knowledge management tools and processes to help BOT improve the delivery of services to its customers.

Information Processing Strategies

DISC will continue to act as the statewide administrator and negotiator for several key software products including the Oracle database product and SAS. This effort includes licensing agreements, coordinating technical support and training, distributing or applying software upgrades and facilitating the agencies use of these products.

Power consumption is one the most important challenges facing Data Centers today. Cooling requirements for dense servers are driving power demand and taxing the normal Data Center operational infrastructure. DISC is working to understand and manage the environmental impacts of IT systems, including materials and resources used to make equipment, energy and materials used in the operation of systems, potential health effects on humans from using equipment in the data center environment, and responsibility for the waste product created by IT systems. DISC has developed guidelines, best practices, policies and procedures that will promote environmental friendliness in DISC Data Centers.

Growth has continued in the DISC enterprise backup and recovery service over the past several years. This service allows for a common approach for performing backup and recovery functions for LAN based servers. The service began by utilizing extra capacity on the State mainframe computer and now consists of a handful of additional servers using WinTel architecture. The latest of these servers, being installed in FY 2008, provides the ability to store the local backup copy on disk rather than tape. This is made possible by using data-deduplication techniques that compress redundant data blocks written to the device. The result allows data to be compressed at near 10:1 levels making disk more economical than tape. This technology will be implemented on all TSM servers in FY2009. Additionally, the strategy for managing remote storage will change in FY2009. The new strategy will be to write data directly to a remote tape silo eliminating the need to transfer back up tapes between data centers. The benefit will be to place data into the remote location immediately improving the integrity and availability of the offsite storage.

DISC will continue to assist state agencies who seek opportunities to share applications and data as well as leverage their investment in legacy applications. DISC will work closely with state agencies now actively involved in cross-organizational information sharing and those seeking middle-ware capable of providing web access to legacy data. A key strategy in supporting this effort will be presenting legacy applications as services to browser based programs using Service Oriented Architecture (SOA) concepts.

DISC administers mail processing database software that leverages its investment in high-speed mainframe laser printer. The software performs sorts the data file by carrier route and prints the eleven digit zip code on each mail piece, resulting in significant postage savings to the enterprise.

DISC will maintain and enhance the State's ability to survive and recover from disastrous incidents. One of DISC' goals is to significantly reduce the time to recover from serious disasters by continuing development of in-state hot site(s) capable of assuming critical workload in the event of a disaster. One such hot site provides a second location for critical network equipment, linked to the capitol complex creating a "survivable network". The division will utilize the Constant Readiness Center (CRC) to provide business continuance training, support and technical resources to contingency planners in other state agencies.

Customer Services Strategies

DISC Customer Services (CS) focuses on end-user access and satisfaction with DISC services. CS has an operating unit that provides technical planning and support for small agencies that do not have information technology positions. The Small Agency Support group provides services to 38 agencies.

Customer Services will assist with evaluating and administering the department-wide security policy. The unit developed a number of guidelines for desktop administration and security and will continue in an advisory capacity to the Chief Information Technology Officer and Chief Information Security Officer.

Agency Architecture: Today, Department of Administration applications reside on three major platforms. Several critical applications, including the State accounting application (STARS) and Setoff reside on the z/OS mainframe platform. The State payroll application, SHARP resides on a mixed platform, where the Web component resides on the Windows platform, the applications and database components reside on the UNIX platform and the printing component handled by the mainframe. There are numerous other Department of Administration applications that reside on either the UNIX or Windows platforms.

The Department of Administration's direction is to move more applications to the open systems platforms, either UNIX or Windows. New versions of open systems will continue to be updated and kept current. The Department's direction also tends to avoid proprietary software as much as possible, believing this strategy will lead to more cost efficient solutions.

A new Financial Management System will replace STARS and will reflect this trend. Planning for this project is underway, and implementation will kick off in FY09 and continue through FY11.

Business Contingency Planning: The DISC Business Contingency Plan helps establish a documented, structured process for the recovery of mainframe and open systems operations. DISC exercises portions of the plan annually in partnership with our alternate site vendors and user agencies.

Business Process and Workflow Management: The Kansas Information Resources Management System (KIRMS) utilizes workflow management that is built into the software. Further usage may be planned in the future as other areas are automated.

Collaboration Software: Telecommunications will make available the eHealth performance management suite to KANWIN customers through a web interface. This strategy enables an agency to monitor the utilization and behavior of their KANWIN sites. Telecommunications will provide on-site eHealth and Optivity training to internal technicians and customers.

The department currently uses Microsoft Outlook and Exchange 2003 for collaboration technology. The department is in the process of switching to MS Outlook and Exchange 2007 under an enterprise agreement and will embrace SharePoint as it is deployed here at DISC. The bureau also supports a Blackberry Enterprise Server for members of the management team who require constant availability of collaboration services. The department uses a limited amount of Instant Messaging with no growth expected due to the close proximity of agency offices.

Data Storage and Administration: DofA data is being stored on several tiers of direct-access and near line magnetic storage media, including internal, direct-attached, and SAN-attached disks and tape. The data stored is associated with applications such as email, file shares, Budget, Sharp, STARS, and KIRMS to name a few. Data administration includes strategies such as backup to tape, archiving, and purging at predetermined periods. The Department has approximately 10 TB of storage on their servers. The mainframe currently has 4.5 TB of data stored. Finally, the SAN environment for LAN/WAN servers currently contains over 18TB of data stored.

Data Transfer: Most data owned by DofA is shared in some fashion. Examples include Sharp interface files, STARS data, Budget data, and file shares. DofA will continue to share its own data and facilitate the sharing of other agencies data as needed to support the state's business requirements. DISC will offer disk storage and tape backup services to other agencies and will participate with other agencies' storage purchases when the possibility exists for volume pricing.

Electronic Records Retention: The department retains records, such as application development documentation, account records and personnel records according to the retention schedule and destroys them accordingly.

E-Government: The Department has actively embraced electronic government, delivering a wide range of information and services online. State of Kansas employees have an increased number of self-service features available to them via the PeopleSoft Internet architecture. Department web applications and content receive traffic in excess of 20 million page views per year from state agencies and employees, other units of government, business, and the public.

End User IT Security Training: An IT end-user information program is available on the DofA intranet website. It is available perpetually. Plans are underway for a web delivered training and testing system that would encompass all KANWIN users.

Identity Management: Digital certificates are used for email encryption and verification of a user's digital identity. Certificates are also used for web mail and remote desktop use.

IT Disaster Recovery: The disaster recovery plan is encompassed within the Business Contingency Plan.

IT Security Staff: The department has an individual responsible for IT Security full time, the Chief Information Security Officer, who also heads up the Enterprise Security Office.

Public Key Infrastructure: DISC is set up and capable of using digital signatures, but not using them at this time. The division currently uses digital certificates for encrypting traffic and secure email.

Service Oriented Architecture: Education and Training program is in place to develop common understanding of framework, best practices and technologies.

Technology Infrastructure: DISC will move the KANWIN backbone from leased SBC infrastructure to the state-owned and LightCore managed fiber. The division will utilize campus fiber connectivity to increase redundant routing in the infrastructure, moving to super-node switching architecture.

Customer Services will continue routine server replacements for platforms that exceed three years of age and in need of performance or capacity improvements. The unit will seek to extend the use of the Xiotech boot-from-SAN feature to all servers in the environment. Extending the use of SAN technology will further reduce the Customer Services footprint in the DISC data center.

Attorney General (Agency #082)

BUSINESS PROGRAMS:

Administrative Services
Legal Opinion & Court Counsel
Civil Litigation
Victim Services & Grants
Medicaid Fraud & Abuse
Abuse, Neglect, and Exploitation
Concealed Handgun Carry Unit
Criminal Litigation
Consumer Protection & Antitrust
Crime Victims Compensation Board
The State Child Death Review Board
Drug Abuse Resistance Education (D.A.R.E.)
Kansas Solicitor General

MISSION: The Attorney General's Office seeks to better serve Kansas consumers**,** families**,** seniors and victims by sharing information and protecting the public's best interests**.**

SFY 2009 BUDGET: **$20,619,227.00**
SFY 2009 FTE: **104.0**
SFY 2008 IT EXPENDITURES: **$493,774.35**
WEBSITE ADDRESS: **http:// www.ksag.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.5	0	.6	0	.6
Application Maintenance and Enhancement (in-production systems)	0	.3	0	.5	0	.5
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.1	0	.2	0	.2
Data Administration, Data Analysis/Validation and Database Administration	0	.4	0	.6	0	.6
Network Engineering, Technical Management and Support	0	.6	0	.7	0	.7
Computer Operations, Management and Technical Support	0	.6	0	.8	0	.8
Web application development and maintenance	0	.2	0	.2	0	.2
IT Security	0	.3	0	.4	0	.4
Other IT Functions (please identify)	0	.1	0	.1	0	.1
TOTAL FTEs	**0**	**3.1**	**0**	**4.1**	**0**	**4.1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	7	10	12
Virtual Servers	0	0	0
Desktops	130	130	130
Desktops Replaced	5	33	33
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
Case Management System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The agency migrated from an outdated network consisting of 7 – 9 year old server hardware, and nearly 10 year old network operating system (Novell 5.1), to a Microsoft domain network consisting of all new server hardware. The agency's e-mail system was also migrated from Novell GroupWise to Microsoft Exchange. The GroupWise client was replaced on with Microsoft Outlook on all client computers.

The migration was performed with little to no downtime, and minimal effect to the end users. A dual Novell and Microsoft network was running for a few months to allow the IT staff time to reconfigure each computer on the new Microsoft domain network, and to move databases.
Procedures have been established for daily backups (and restores when necessary). New enterprise anti-virus system and patch management system have also been installed and implemented. Firewalls are routinely monitored and maintained for security.

STRATEGIC DIRECTION AND OBJECTIVES: The agency will work toward implementing a collaborated case management database system over the next year. Network and client security will be enhanced. The agency will implement an annual hardware replacement schedule for replacing out dated hardware as budget allows. Electronic document imaging and management will also be implemented to assist in the reduction of the amount of paper that the agency uses.

Agency Architecture: None reported.

Business Contingency Planning: Routine backups are created of agency data, and kept off-site. Agency servers and data storage are located in the DISC data center to ensure power redundancy and adequate climate conditions.

Business Process and Workflow Management: None reported.

Collaboration Software: During the FY 2008 the agency migrated from Novell GroupWise 6.5 to Microsoft Exchange 2003 for internal and external e-mail communications.

Data Storage and Administration: The agency will continue to monitor and evaluate the need for data storage growth. Currently the data management consists of network client file storage, case management record storage, and storage for the e-mail system databases.

Data Transfer: None reported.

Electronic Records Retention: An updated electronic records retention schedule is under consideration to be implemented in early 2009.

E-Government: The agency maintains an online presence via the agency web site. In the areas of consumer protection and crime victims' compensation, complaint and application forms are available online. The agency manages grants that are available to local units of government and non-profit organizations, which grant announcements and applications are also available online.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: The agency has documentation and listed procedures of recovery of systems, configurations, and data in the event of a disaster.

IT Security Staff: None reported.

Public Key Infrastructure: Data encryption products are currently being evaluated for users with mobile devices capable of storing data. Secure VPN access to the agency network is also being evaluated.

Service Oriented Architecture: None reported.

Technology Infrastructure: The agency plans to stay in the mainstream of technology by replacing hardware based on a hardware replacement schedule, and keeping up to date on software releases to ensure adequate support is always available. Major software releases will be evaluated on an individual basis to determine the best time to upgrade.

Bank Commissioner, Office of State (Agency #094)

BUSINESS PROGRAMS:
Kansas Supervised Institution Monitoring System (KSIMS)
General Examination System (GENESYS)
OSBC Resource Utilization System (ORUS)

MISSION: Ensure the integrity of regulated providers of financial services through responsible and proactive oversight, while protecting and educating consumers.

SFY 2009 BUDGET: **$8,577,041.00**
SFY 2009 FTE: **99.0**
SFY 2008 IT EXPENDITURES: **$412,440.57**
WEBSITE ADDRESS: **http://www.osbckansas.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.6	0	.6	0	.6
Application Maintenance and Enhancement (in-production systems)	.1	0	.1	0	.1	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.1	0	.1	0	.1	0
Data Administration, Data Analysis/Validation and Database Administration	.8	.2	.8	.2	.8	.2
Network Engineering, Technical Management and Support	.2	.8	.2	.8	.2	.8
Computer Operations, Management and Technical Support	.7	.3	.7	.3	.7	.3
Web application development and maintenance	.1	0	.1	0	.1	0
IT Security	0	.1	0	.1	0	0.1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**3**	**2.3**	**4**	**2.3**	**4**	**2.3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	16	16	16
Virtual Servers	0	0	0
Desktops	97	104	110
Desktops Replaced	30	32	35
Mobile Devices	10	13	15

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Incorporated an off-site storage location for backup tapes.
- Installed an Intrusion Detection and Prevention system at the network boundary.
- Installed an update server to push out Microsoft and other application patches and updates to user computers.
- Created a secure Virtual Private Network (VPN) with remote offices.

STRATEGIC DIRECTION AND OBJECTIVES: The future IT direction of this agency will involve continuing to increase our presence on the Internet. We have purchased an application that will allow expanding our website for real-time data access to consumers and regulated entities. We will also utilize the new application to facilitate the acceptance of electronic applications and fee payments. We also plan to pursue a document imaging path that will substantially reduce our reliance on paper documents.

Agency Architecture: Network: Star Ethernet – TCP/IP; Network Operating system: Windows 2003 Server. We have installed firewalls and servers at each of our office locations.

Business Contingency Planning: This agency has adopted a Business Contingency Plan, which is currently being updated to include pandemic procedures. It will provide guidelines for the resumption of department duties and contact information in the event an emergency or disaster occurs.

Business Process and Workflow Management: We have purchased an application that includes automated workflows and work orders for agency processes. This application will allow enhance how tasks and information are processed in our agency.

Collaboration Software: Microsoft Exchange 2003 is currently utilized for electronic mail. Communications between main office and remote office staff is encrypted. We have also implemented secure electronic mail with Federal regulatory agencies and our regulated entities using a ZixCorp VPM.

Data Storage and Administration: The volume of data that must be securely stored and protected grows every year. Therefore, the addition of a storage area network (SAN) is being explored.

Data Transfer: We have upgraded the main office network by installing fiber optic connections. All remote office locations utilize broadband connections. These improvements offer greater speed, protection and remote access capabilities.

Electronic Records Retention: When a document of historic significance becomes three years old, it is imaged and stored in digital format on an agency server. The original document is then either shredded or stored at a state-approved location indefinitely. Our agency has purchased an application that incorporates imagining which will provide a stepping stone to our goal of being a paperless office in the future.

E-Government: Much effort has gone into the agency's public Internet site to provide regulated entities, citizens, and other governmental agencies with equal, efficient, electronic access and interaction with this department and its information resources. Down-loadable forms and applications are currently available from the site. We are in the process of building the functionality to support the acceptance of electronic applications and payments. We plan continued expansion of the site to provide for more e-business support over the next three years.

End User IT Security Training: Security training for users is now required by the agency's security policy. A variety of training methods are being analyzed to facilitate this training to comply with our policy's guidelines.

Identity Management: Our agency utilizes an encrypted e-mail system and various secure information sites, using PKI as a method of data encryption and verification of a user's digital identity. We have also started purchasing notebook computers with multi-factor authentication capabilities.

IT Disaster Recovery: This agency has adopted an IT Disaster Recovery Plan. The plan is currently being updated and expanded. It provides guidelines for the resumption of department duties, data backup and recovery, and contact information in the event an emergency or disaster occurs.

IT Security Staff: Comprehensive data security measures are included in the department's Information Technology Policy. Protection of this department's confidential information has been and will continue to be a high priority. Security tasks are included in the duties of the Regional Manager – IT staff position. Internal IT staff periodically conduct a security audit of the agency, and the results are presented to the agency head.

Public Key Infrastructure: Our agency utilizes encrypted systems that use PKI as a method of data encryption and verification of a user's digital identity.

Service Oriented Architecture: None reported

Technology Infrastructure: The agency has converted all databases to the SQL format and we will continue to enhance the department's Internet site to provide real-time data access and to accept online transactions and payments. Future data storage needs are being reviewed to determine if a storage area network (SAN) solution is necessary.

Barbering Board (Agency #100)

BUSINESS PROGRAMS:
Licensing

MISSION: The mission of the Kansas Board of Barbering is to eliminate all acts performed by barbers which may harm or cause injury to the public; to ensure that only qualified, well-trained barbers and barber instructors are licensed; to ensure that all shops and salons are properly operating with barber shop licenses; and to provide information to barbers concerning all technical, medical, and scientific data that may enhance the protection of the public. In addition, the Kansas Board of Barbering (a five (5) member board appointed by the governor) will act in accordance with the highest standards of ethics, accountability, efficiency, and openness. The Members of the Board affirm their interests in the barbering profession; and approach its activities with a sense of purpose and responsibility. The general public and the regulated community (i.e., barbers, barber instructors, barber shops and salons, and barber colleges) may be assured of a fair, balanced, and sensible approach to regulation.

SFY 2009 BUDGET: **$155,851.00**
SFY 2009 FTE: **1.5**
SFY 2008 IT EXPENDITURES: **$4,995.00**
WEBSITE ADDRESS: **http://da.state.ks.vs/phonebook/agency.asp**

IT Profile: Agency had no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	2	2	2
Desktops Replaced	1	1	1
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Agency purchased a PC for the Special Projects Officer. In addition, this Agency changed from a paper to an electronic system for all licensure records.

STRATEGIC DIRECTION AND OBJECTIVES: At this time, the Agency has not identified any future business initiatives or objectives.

Agency Architecture: This Agency has two (2) stand alone PC's. This Agency has no network.

Business Contingency Planning: At this time, this Agency does not have a published Business Contingency Plan. However, this Agency utilizes diskettes as back-up in the matter of disaster contingency planning.

Business Process and Workflow Management: None reported

Collaboration Software: One (1) PC will be used for e-mail; processing deposits; processing interfund vouchers; processing vendor payments; and processing payroll. One (1) PC is used for correspondence and maintains barber licensure records. This Agency has one (1) yahoo.com e-mail account.

Data Storage and Administration: All documents (including licensure records and correspondence) are maintained on the Special Project Officer's PC. SHARP and STARS related documents are maintained on the Administrator's PC.

Data Transfer: Upon request by the Kansas Department of Revenue, this Agency provides an updated list of licensees including the social security numbers.

Electronic Records Retention: This Agency utilizes diskettes as back-up in the matter of electronic records retention.

E-Government: This Agency (through IT resources) provides citizens, business, governments; and licensees equal, efficient, electronic access and interaction with government information utilizing telephone, fax, e-mail, and U.S. Government mail.

End User IT Security Training: Due to the small size of this Agency, D. I. S. C. provides end user IT security training.

Identity Management: None reported

IT Disaster Recovery: At this time, this Agency does not have a published IT disaster recovery plan. However, this Agency utilizes diskettes as back-up in the event of a disaster.

IT Security Staff: Due to the small size of this Agency, no individual has been assigned the responsibility for IT Security. D. I. S.C. provides security analysis and support.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported

Technology Infrastructure: It is this Agency's objective to purchase a new PC for the Administrator.

Behavioral Sciences Regulatory Board (Agency #102)

BUSINESS PROGRAMS:
Administration and Regulation Enforcement

MISSION: The agency's mission, as statutorily established by the Legislature through its enactment of the Kansas Credentialing Act [K.S.A. 65-5001 et seq.], is to protect the public's health, safety and welfare from unlawful or unprofessional practitioners who fall under the board's jurisdiction. To this end, the agency has defined the statutory credentialing qualifications by establishing, through rules and regulations, minimal educational and experiential requirements that applicants seeking credentialing in each of the regulated groups must satisfy before the board grants the applicable credential. Also, to this end, the board has defined statutorily prohibited conduct through rules and regulations and has defined those acts that constitute unprofessional or incompetent practice.

SFY 2009 BUDGET: **$625,213.00**
SFY 2009 FTE: **8.0**
SFY 2008 IT EXPENDITURES: **$28,152.61**
WEBSITE ADDRESS: **http://www.ksbsrb.org**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	2	2
Virtual Servers	0	0	0
Desktops	5	5	5
Desktops Replaced	1	2	2
Mobile Devices	0	1	1

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: We replaced 5 of our staff computers per our IT plan and purchased one lap top computer and software for our Special Investigator. We have scanned our expired files into our database and sent them to Historical Society. We are now scanning active files. We also purchased a second scanner in order to scan our new license issue files.

STRATEGIC DIRECTION AND OBJECTIVES: None reported

Agency Architecture: We use Windows client server architecture.

Business Contingency Planning: Backups are rotated off site on a regular basis.

Business Process and Workflow Management: None reported

Collaboration Software: We would be glad to share with other agencies or examine other agencies computer systems for improvement to ours.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: We have completed scanning our expired files and placing that information in our database. We have sent the paper files to the Historical Society. We are currently scanning our active files.

E-Government: We currently have the capability of renewing licenses on our website. We are researching the possibility of providing the capability of accepting applications and complaints on-line. All forms are also available from our website.

End User IT Security Training: DISC provides any necessary security training.

Identity Management: We would like to implement data/e-mail encryption or verification of a user's digital identity if the opportunity arises.

IT Disaster Recovery: We do not have a disaster recovery plan other than that our server is backed up weekly off sight.

IT Security Staff: DISC is responsible for our security.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: We will continue to follow our previous plan which is first year replace 5 computers second year replace 5 computers third year replace server. Our network is an Ethernet local area network with Internet access provided by RLAN DSL using DISC as the internet service provider. Network security is provided by a Cisco PIX firewall.

Commerce, Department of (Agency #300)

BUSINESS PROGRAMS:

Business Development
Trade Development
Agricultural Products Development
Travel and Tourism Development
Workforce Services

SFY 2009 BUDGET: **$112,731,406.00**
SFY 2009 FTE: **418.74**
SFY 2008 IT EXPENDITURES: **$1,962,533.27**
WEBSITE ADDRESS: **http://www.kansascommerce.com**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1	0	1	0	1
Application Maintenance and Enhancement (in-production systems)	.3	0	.3	0	.3	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.3	1	.3	1	.3	1
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	5	0	5	0	5	0
Web application development and maintenance	.1	0	.1	1	0	1
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	1	0	1	0	1	0
TOTAL FTEs	**7**	**2**	**7**	**3**	**7**	**3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	34	36	29
Virtual Servers	0	0	0
Desktops	396	356	350
Desktops Replaced	100	100	100
Mobile Devices	156	146	146

SFY 2008 MAJOR APPLICATIONS:

KansasCommerce.com Web Site	Commerce Intranet
Kansas Calvary Roster	Agency Mailing Lists
Time Allocation System (TAS)	Staff Activity Reporting System
Footprints Help Desk System	Film Commission Web Site
Asset Management and Service Tracking System	
Document Management System	Microsoft Operations Manager
KansasWorks.com	ThinkKansas.com
TravelKS.com	Customer Relationship Management System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During SFY 2008, Commerce focused its IT resources on the implementation of an agency wide, project monitoring and customer management system known internally as the CRM. Installation of the core system and customizations for Business Development and Business Recruiting were completed in SFY 2008. The system is currently being customized for Workforce and Rural Development needs, and is also being integrated in the Agency's fiscal systems.

Additionally, in SFY 2008, the need for secure interconnectivity with our Workforce field office operators and increasing mobile staff increased significantly. Commerce continues to provide significant technical support to these independent operators.

Commerce continues to expand the feature set of its key web sites. Most notably this included the addition of the ThinkBigKS.com and updates to KansasCommerce.com. Due to a reduction in agency web support staff, Commerce is currently working with external vendors to complete a number of Web related projects.

The Workforce Services division began planning a state-wide a High-Definition television-based remote services and apprentice training program to be built in SFY2009. The project is being created with the cooperation of several state agencies (including DISC and KanEd). The 2-way HD technology provides a "like you are there" experience and has received great reviews through our prototype testing program.

Finally, the agency acquired 2 servers to:

- increase data storage capacity
- improve our anti-spam technology
- improve our overall data security

Four older servers are planned to be phased out during the next year.

STRATEGIC DIRECTION AND OBJECTIVES: The primary IT strategic direction for the Department of Commerce is to increase the ability of the agency to:

1. Create awareness of the key Department of Commerce programs and services in Business Development, Workforce Services, Trade, Travel, and Tourism, Community Development and Agricultural Marketing supported by our strategic marketing plan.
2. To improve our capabilities to link programs and divisions to better meet the needs of businesses and communities of Kansas.
3. To use technology to better bridge the distances to serve our customers more effectively.

Our continued strategic direction is to provide the core services necessary to manage the customer driven projects of the Department of Commerce. A primary focus for IT in SFY 2009 is to continue to extend our systems for project management to all divisions of Commerce. To goal is to provide more comprehensive collaboration between agency teams in meeting complex customer needs.

Agency Architecture: The Department of Commerce architecture does not deviate from the State Architecture within the KAN-WIN network or the Capital Complex. Some of our remote locations are managed by 3rd party vendors and in many cases they have unique requirements which are not specifically addressed by the State Architecture, but meet the spirit of the State Architecture.

Business Contingency Planning: Commerce is currently in the process of revising its BCP for 2009 through the COOP initiative. Our current plan is based largely on the security of the DISC infrastructure, however our new distributed field office environment provides opportunities for us to significantly improve our ability to deal with catastrophic events.

Our most recent efforts in this area have been directed at implementing technologies that will allow us to rapidly recover from internally generated data loss. We already have in place technologies for nightly backups, but increasingly this is not adequate for many applications. We are implementing a continuous backup technology that allows us to improve information security with our field offices and rapidly recover from files that where accidentally over-written or deleted.

Business Process and Workflow Management: None reported.

Collaboration Software: Commerce collaborative technology directions are primarily aimed at our individual, business and community users. This direction is based on our strategic needs to reach and to hear from every region of Kansas. We have already implemented a number of web-based technologies that link Commerce with other agencies for key information sharing applications.

This technology direction is based entirely on widely accepted Internet standards. Technologies we have implemented in 2008 include agency "blogs," pod-casting, web-(video) casting, secure instant messaging, interactive web-based meetings, RSS news feeds and HD video links to our customers and partners. We also expect to begin evaluating dynamic virtual networking collaborative tools as part of our programs to link experts and small business owners together electronically.

Data Storage and Administration: Commerce data can be divided into 5 categories: Fiscal, Project Management, Web content, HR/Payroll and Workforce Services. Data backup and physical storage is managed by the IT team.

- Fiscal Data Primary copies are located on the STARS (Department of Administration) system. Summary data for reporting is managed on Local SQL and MS Access relational Databases.

- Project Management Data is stored in a number of small MS Access databases and several larger MS SQL databases. All data is managed in relational data structures. User departments are responsible for management of their own datasets.

- Web Content data is kept on MS SQL datasets and is managed by IT.

- HR/Payroll data is entirely managed on the SHARP platform (Department of Administration).

- Workforce Services Client Data is managed for the agency by America's Job Link Alliance (AJLA). Workforce Services project and reporting files are managed by IT on MS Access and MS SQL datasets.

Data Transfer: SHARP and STARS data are transmitted interagency via the secure KAN-WIN network architecture. Similarly, Workforce Services division data is transmitted between AJLA and Commerce by KAN-WIN. Some non-confidential information is transmitted via email to various partner organizations and other agencies.

Electronic Records Retention: For most Commerce, federally funded programs, there is a requirement to retain records for at least 5 years. In FY2008 the agency implemented a small scale document management system that is currently being deployed in our Legal, HR, Fiscal and Operations sections. The Agency is currently evaluating the experience of this initial prototype system relative to new lower cost options.

E-Government: The agency continues to work toward having all Commerce mission critical applications web-enabled because the world has become a web enabled environment. eGovernment has become our primary means of service delivery for most of our programs. Dynamic web content, video presentations, email, blogs, RSS feeds and online applications have become important business tools. We are currently exploring online dynamic collaboration tools to bridge the wide distances of the Kansas plain or to reach increasingly important foreign shores.

End User IT Security Training: Commerce currently provides security awareness training at our new employee training program, and also provides online security information through our internal Intranet site.

Identity Management: Commerce is currently exploring the use of digital certificates as a way of ensuring and encrypting private conversations over a variety of formats.

IT Disaster Recovery: The agency currently is revising its IT Disaster Recovery plan to take full advantage of our new widely distributed agency architecture.

IT Security Staff: Commerce employs a 0.4 FTE resource to monitor the agencies security envelope.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: Commerce has moved substantially into Microsoft-based architecture as part of its new “buy/acquire rather than build” strategy. While our AS/400 continues to be a substantial agency resource, we are already well down a path designed to phase this system out during FY2010. The majority of our Web-based technology has already been converted and all mission critical applications will have been migrated by the end of FY 2009 with the exception of the Fiscal interfaces. These will be replace with the implementation of the State’s new Financial Management System.

Corporation Commission, Kansas (Agency #143)

BUSINESS PROGRAMS:

Administrative Services
Conservation
Transportation
Utilities Division

MISSION: The mission of the state corporation commission is to protect the public interest through impartial and efficient resolution of all jurisdictional issues. The agency shall regulate rates, services and safety of public utilities, common carriers, motor carriers and regulate oil and gas production by protecting correlative rights and environmental resources.

SFY 2009 BUDGET: **$21,029,128.00**
SFY 2009 FTE: **214.0**
SFY 2008 IT EXPENDITURES: **$696,225.64**
WEBSITE ADDRESS: **http://www.kcc.state.ks.us/index.htm**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.0	1.0	1.0	1.0	1.0	1.0
Application Maintenance and Enhancement (in-production systems)	1.2	0	1.6	0	1.6	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	4.1	0	4.1	0	4.1	0
Data Administration, Data Analysis/Validation and Database Administration	1.0	0	1.0	0	1.0	0
Network Engineering, Technical Management and Support	0.2	0	0.2	0	0.2	0
Computer Operations, Management and Technical Support	2.8	0	2.8	0	2.8	0
Web application development and maintenance	0.4	0	1.0	0	1.0	0
IT Security	1.0	0	1.0	0	1.0	0
Other IT Functions (please identify)		0	0	0	0	0
TOTAL FTEs	1.8	0	1.8	0	1.8	0
	1.5	0	1.5	0	1.5	0
	16	**0**	**17**	**0**	**17**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	10	22	25
Virtual Servers	0	0	0
Desktops	225	260	280
Desktops Replaced	25	27	26
Mobile Devices	90	95	98

SFY 2008 MAJOR APPLICATIONS:
Commission Accounting & Reporting System (CARES)
Case Management System
Addition of electronic filing of case documents
RBDMS
Motor Carrier System
Rdocket and Agency Timesheet
GIS Applications
Agency Website

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During 2008, continued support for the Kansas Trucking Connection providing a one-stop shop for the motor carrier industry. Employees from the Kansas Department of Revenue and Commission are co-located with the Commission's Transportation Division.

In 2008, over half of all intrastate motor carriers renewed their operating authorities online. This is a joint partnership with Access Kansas. During this past year an add/delete/transfer application was created to extend electronic services to motor carriers throughout the year.

A pilot e-filing program was initiated, and surveys taken to gather feedback after the submissions. E-filing will save both the KCC and its partner's staff and material resources.

The Commission in partnership with the Kansas Highway Patrol began a civil enforcement program to improve roadside safety inspections of motor carriers. The inspections are provided by KHP troopers and enforcement information is exchanged with the Commission for processing and enforcement of civil fines.

The Commission's commitment to constantly increasing efficiency was furthered in accurately documenting each division's workflow process, to assist in the application of e-filing and the implementation of the document management system included in the BPI 2010 project. During 2008 the BPI 2010 project was carefully mapped out, to include a budget and timeline associated with each individual action step.

An IT Help Desk was also created, allowing any KCC staff member to dial one number and initiate a trouble ticket.

The Commission continues to work closely with the Kansas Geologic Survey (KGS) to improve the quality of oil & gas data sets at both agencies and to share data as much as possible. Improving data quality at both agencies continues to be a priority. Development of oil resources in Kansas is a major component of the state's economy, therefore any electronic information the two agencies can provide the oil & gas industry has many tangible benefits. During this effort the development of SOLAR, a web-based program, allows companies to download forms directly from the site was completed. KGS will provide ongoing support and maintenance of the SOLAR website, including technical support for KCC staff and end user support as necessary. KGS will continue to develop on-line submission and digital routing for existing regulatory forms with a goal to complete all forms by the end of this calendar year. KGS will develop a prototype well inventory and/or forms management system for operators to manage a large volume of forms for active and abandoned wells.

STRATEGIC DIRECTION AND OBJECTIVES: The Commission will continue to enhance applications on its website and to develop its partnership with AccessKansas and the Kansas Geologic Survey. These are strategic partnerships that will be long-term relationships. Related to these partnerships is an effort with the Kansas Department of Revenue sharing motor carrier responsibilities and oil & gas production information.

The Kansas Corporation Commission (KCC) is embarking on a major project to improve the organization's business processes and technology. The goal is to position KCC to be able to more efficiently serve the public, regulated entities and other interests of the State of Kansas. A number of our legacy technologies will be replaced or refreshed through this initiative, which will be accomplished through a firm/fixed price contract resulting from state issued RFP. Most significantly, Oracle Forms technology is being sunsetted by the Oracle Corporation, and will no longer be supported in the coming years. Through this project, we intend to replace the Oracle Forms-based technologies, with a more robust and flexible set of technologies which will be well supported into the coming decade. While taking this opportunity to refresh the KCC technology architecture, there will be careful consideration of a number of viable industry-specific COTS (Commercial off the Shelf) solutions or frameworks in use by other state agencies in Kansas, or which have been successfully implemented by other state government Public Utility Service Regulatory Commissions.

Agency Architecture: Unix/Linux servers serve the Commission's primary domain. The agency relies heavily on open-source software for much of its business operations. A sub domain of the above serves the Microsoft Windows server, clients, and printers. Databases are either in Oracle or Microsoft SQLServer. KCC reevaluated the IT infrastructure during FY2008 and took steps to strengthen overall reliability and availability. The steps included rewiring the 1500 Arrowhead building, upgrading network switches, placing file and print servers in district offices and redistributing workload across servers.

Business Contingency Planning: Every evening the Wichita servers are backed up at the Topeka office, and vice versa. In the event of a disaster, either facility could support a skeleton crew and perform business functions. Critical servers will be relocated from 1500 Arrowhead to Landon State Office Building during 3Q08. This move will provide increased security for KCC systems and lessen the risk of outages due to natural phenomena.

Business Process and Workflow Management: BPI 2010 will implement e-filing and a document management system utilized by all KCC staff.

Collaboration Software: None reported.

Data Storage and Administration: See project BPI 2010

Data Transfer: The Commission shared oil and gas data with the Kansas Geological Survey and the Kansas Geological Society for many years. Motor carrier operations have been shared with the Kansas Department of Revue for the past several years. E-filing has also allowed KCC partners to submit data via the website.

Electronic Records Retention: The Commission follows its records retention policy as approved by the State Historical Society.

E-Government: The Commission continues to develop online applications that can reliably provide information to regulated companies and the public. Currently there are over 60,000 documents available on the Commission website and the motor carrier renewal application at AccessKansas that display our commitment to provide electronic access to Commission activities. The Commission has begun electronic filing, and had over sixty companies submit their annual reports via electronic filing.

End User IT Security Training: None reported.

Identity Management: The Commission's Legal section is reviewing current statutes and regulations for possible applications. Some aspects of Commission business may not lend itself to PKI due to the infinite record retention requirements, such as PKI or E-signature.

IT Disaster Recovery: The Wichita office server is backed up every evening to the Topeka location, and vice versa.

IT Security Staff: All Commission offices are protected by firewalls certified by the International Computer Security Association (ICSA). All computers are protected by virus software. Email attachments are scanned and certain file types are stripped from incoming mail. Also, all PC's run either Windows 2000 or XP and staff have restricted ability to install software or configure system components. The Commission has a dedicated security staff, but security is not their only duty, and there are no plans to create positions dedicated solely to security.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Cosmetology, Kansas Board of (Agency #149)

BUSINESS PROGRAMS:
Licensing and Compliance

MISSION: To Protect the Health and Safety of the Consuming Public by Licensing Qualified Individuals and Enforcing Standards of Practice.

SFY 2009 BUDGET: **$806,356.00**
SFY 2009 FTE: **12.0**
SFY 2008 IT EXPENDITURES: **$100,290.05**
WEBSITE ADDRESS: **http://www.kansas.gov/kboc**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	2	3	3
Virtual Servers	0	0	0
Desktops	12	12	12
Desktops Replaced	4	1	4
Mobile Devices	1	1	1

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In FY 2008, there was the routine replacement of workstation computers and implementation of a new routine practice to secure data offsite.

STRATEGIC DIRECTION AND OBJECTIVES: Efforts continue to secure a new licensure database which will provide the capability to implement on-line renewals for both practitioners and facilities. The Board is in final contract negotiations for the new database. On-line renewal implementation will be incremental; the target date for initial on-line facility renewal is April 2009.

Efforts continue to maintain current information on the Board website, thus facilitating communication with the public and licensees. Each year the agency has seen an increase in e-mail correspondence. This correspondence ranges from complaints being filed, licensees notifying the Board of address changes, and out-of-state inquiries on Kansas licensure requirements.

Agency Architecture: None reported.

Business Contingency Planning: The Board continues to routinely store updated data offsite.

Business Process and Workflow Management: None reported.

Collaboration Software: As needed.

Data Storage and Administration: In conjunction with DISC, records management and record retention is maintained offsite.

Data Transfer: Once on-line renewal is implemented, the Board will enter into a contract with KANSAS.gov to facilitate the on-line renewal processes.

Electronic Records Retention: The Board continues to routinely store updated data offsite.

E-Government: FY 2009 – Implementation of on-line renewal in incremental phases. Initially the Board anticipates offering on-line renewal of cosmetology facilities in the spring of 2008.

Depending on the results of the above noted initial implementation, some or all of the cosmetology professions may be included in this second phase of implementation. Each month 800-1000 practitioner renewals are completed.

With this on-line capability, the Board also anticipates implementing a process whereby Kansas consumers can readily review the status/disciplinary status of any practitioner or facility.

At this point it is difficult to calculate any additional costs as the cost of the database includes these added capabilities.

Cost avoidance/ cost elimination would be a savings and efficiency in staff time which licensees renewal on-line. At this time the Board is unable to calculate the savings as it cannot be determined what the response initially be to on-line renewals. The Board will however track the anticipated increase of on-line renewals from fiscal year to fiscal year.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: The Board continues to routinely store updated data offsite.

IT Security Staff: DISC Small Agency Support Group

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: The Board is in final contract negotiations for a licensure database. This new database will be configured for on-line facility and practitioner renewals. It will also allow for greater public access to information regarding the licensure status of facilities and practitioners.

Credit Unions, Kansas Department of (Agency #159)

BUSINESS PROGRAMS:

Examinations
Consumer Complaints
Supervisory Callbacks

MISSION: The mission of the Kansas Department of Credit Unions is to protect Kansas citizens and credit union members from undue risk through the examination and supervision of Kansas chartered credit unions by assuring safe and sound operation and compliance with applicable laws and regulations.

SFY 2009 BUDGET: **$894,662.00**
SFY 2009 FTE: **12.0**
SFY 2008 IT EXPENDITURES: **$21,049.65**
WEBSITE ADDRESS: **http://www.kansas.gov/kdcu/**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	1	1
Virtual Servers	4	4	4
Desktops	0	2	2
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: No significant events occurred during FY2008.

STRATEGIC DIRECTION AND OBJECTIVES: The agency currently has no staff with advanced training in the area of IT. There are no current plans to change the agency's current platform. No IT purchases are planned or budgeted for in the future.

Agency Architecture: In addition to the four desktop computers owned by the department, we have eight notebook computers on lease from the National Credit Union Administration (NCUA). The leased computers include software for an examination program developed by NCUA and are used by our examiners in the process of examination of credit unions. This program used nationwide by state and federal credit union examiners.

Business Contingency Planning: The agency is currently in the process of updating and revising a disaster and business contingency plan.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: Recent improvements to the department's website include downloadable forms for credit union use and an electronic complaint form to be used by consumers.

End User IT Security Training: Basic training in IT security issues and confidentiality is provided to all employees.

Identity Management: Digital certificates are not currently used though they may be considered in the future.

IT Disaster Recovery: See above, agency also does daily data backup and weekly transfer of data to an offsite location.

IT Security Staff: The agency has no IT security staff.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: No technology upgrades are currently planned other than routine equipment replacement.

Dental Board, Kansas (Agency #167)

BUSINESS PROGRAMS:
Regulation Enforcement

MISSION: Provide students with total accessibility to language, communication and educational excellence in a visual environment.

SFY 2009 BUDGET: **$382,560.00**
SFY 2009 FTE: **3.0**
SFY 2008 IT EXPENDITURES: **$14,116.12**
WEBSITE ADDRESS: **http://www.ksdeaf.org/**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	4	4	4
Desktops Replaced	0	0	4
Mobile Devices	2	2	2

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: We are working with Kansas Information Consortium online renewals. We provide our database electronically each month to KHPA.

STRATEGIC DIRECTION AND OBJECTIVES: The Kansas Dental Board has a few objectives for our IT management. Our office will continue to keep updates on software and necessary equipment and software. Our office implemented online renewals in October of 2007, we are currently about to renew online for the 2008 renewal period. Our office has acquired two more scanners to help more toward electronic retention of records. We have recently purchased a firewall for updated security.

Agency Architecture: Dental Board has no plans to deviate from current platforms

Business Contingency Planning: Our office continues to do backup daily to external hard drives that are taken to a secure offsite location on a weekly basis. We also utilize offsite storage for archived files at the State Historical Society.

Business Process and Workflow Management: We will continue using our current Access database and 4 desk tope computers.

Collaboration Software: The Kansas Dental Board uses the CORE FTP software when transporting data from our access database to KHPA.

Data Storage and Administration: Our office plans to continue utilizing external hard drives to back up our office data weekly and store it off site.

Data Transfer: Our agency continues to provide KHPA information from our database. We also transfer data to Kansas Information Consortium for our online renewals.

Electronic Records Retention: Our office is currently researching electronic records retention and how to implement it within our agency.

E-Government: Dental Board provided online renewals in 2007 and will continue to improve that process. Our agency website also offers board meeting minutes, agendas and other necessary information and will continue to do so. Copies of the discipline orders in effect for dental licensees are now scanned and available on our website. We are working to implement emailing publications to those licensees who have provided us with email addresses.

End User IT Security Training: None reported.

Identity Management: The Dental Board currently does not use digital certificates for data/email encryption and/or verification of a users' digital identity. We will research these areas of security and update as the need arises.

IT Disaster Recovery: The database and office files are backed up and stored on an external hard drive. This hard drive is stored off site in a safety deposit box.

IT Security Staff: The Dental Board's office security needs are met by the services of DISC.

Public Key Infrastructure: We use the board president's electronic signature on all renewal pocket cards.

Service Oriented Architecture: None reported.

Technology Infrastructure: As our agency researches electronic data retention we will also be researching the best way to store and safeguard that data. This would likely include additional computer hardware.

Governmental Ethics Commission (Agency #247)

BUSINESS PROGRAMS:
Public Disclosure & Reporting

MISSION: The mission of the Governmental Ethics Commission is to provide the public with timely and accurate information they need for knowledgeable participation in government and the electoral process.

SFY 2009 BUDGET: **$689,873.00**
SFY 2009 FTE: **9.0**
SFY 2008 IT EXPENDITURES: **$15,833.18**
WEBSITE ADDRESS: **http://www/kansas.gov/ethics**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1	0	1	0	1
Application Maintenance and Enhancement (in-production systems)	0	1	0	1	0	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	1	0	1	0	1
Data Administration, Data Analysis/Validation and Database Administration	0	1	0	1	0	1
Network Engineering, Technical Management and Support	0	1	0	1	0	1
Computer Operations, Management and Technical Support	0	1	0	0	0	1
Web application development and maintenance	0	1	0	0	0	1
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**1**	**0**	**1**	**0**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	1	1
Virtual Servers	0	0	0
Desktops	12	12	12
Desktops Replaced	2	2	2
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Commission has continued to provide more services, information and data to those under the Commissions jurisdiction and the citizens of Kansas on the agency's website.

The Commission worked with the Secretary of State's office to assist them in implementing electronic filing for campaign finance reports by providing language for the forms and statements.

STRATEGIC DIRECTION AND OBJECTIVES: The Commission will continue to provide more services, information and data on the agency's website to the citizens of Kansas and those under the Commission's jurisdiction.

Agency Architecture: None reported.

Business Contingency Planning: The agency does not have a published Business Contingency Plan. The Commission's data is on the Agency's server which is maintained by the Department of Agriculture.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: The agency's data on campaign finance, lobbying and conflict of interest is stored on our server which is maintained by the Department of Agriculture. The agency has no plans to change this in the future.

Data Transfer: None reported.

Electronic Records Retention: The Commission is not the repository for public documents.

E-Government: From FY 2009-2011, the Commission, through its website, plans to continue providing the public with timely information on campaign finance and lobbying activities in Kansas. In addition, the agency's website will continue to provide all necessary forms reports opinions and information to those subject to its laws to assist with compliance. In FY 2009, there are 1700 candidates, 580 lobbyist representing 1120 clients, and 1800 state officers and employees required to file a report or statement. In both FY 2010 and FY 2011, the number of lobbyists and state officers and employees filing documents will remain the same. In FY 2010 and FY 2011 there will be approximately 613 and 183 candidates respectively.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: The agency does not have a published IT Disaster Recovery Plan. The Commission is not the public repository for any reports filed in compliance with the campaign finance, lobbying laws or state conflict of interest statutes.

IT Security Staff: There is one person responsible for IT security. This person is not dedicated exclusively to IT Security. The agency is not large enough to warrant a dedicated IT Security person.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Healing Arts, State Board of (Agency #105)

BUSINESS PROGRAMS:

License and Renewal
Enforcement and Litigation
Information and Education
Investigation and Disciplinary
Impaired Provider Program

MISSION: To protect the public by authorizing only those persons who meet and maintain certain qualifications to engage in the health care professions regulated by this Board. Also, to utilize the least restrictive yet effective means to protect the public from incompetence, unprofessional conduct or other proscribed practice by persons who have been granted authority to practice in this State and from unauthorized practice by persons and entities who have not been granted authority to practice in this State.

SFY 2009 BUDGET: **$3,259,578.00**
SFY 2009 FTE: **39.0**
SFY 2008 IT EXPENDITURES: **$101,795.85**
WEBSITE ADDRESS: **http:// www.ksbha.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.2	.2	.2	.2	.2	.2
Application Maintenance and Enhancement (in-production systems)	.4	0	.4	0	.4	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.2	0	.2	0	.2	0
Data Administration, Data Analysis/Validation and Database Administration	.2	0	.2	0	.2	0
Network Engineering, Technical Management and Support	.1	0	.1	0	.1	0
Computer Operations, Management and Technical Support	.1	0	.2	0	0	.3
Web application development and maintenance	.7	.3	.7	.3	1	.3
IT Security	.1	0	.1	0	.1	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**2**	**.5**	**2**	**.5**	**2.5**	**.5**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	10	11	11
Virtual Servers	0	1	1
Desktops	39	45	45
Desktops Replaced	0	21	20
Mobile Devices	26	26	28

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The enterprise management software product (GLSuite) is finally stable. After a long process of negotiating and working with the vendor, the software product is working adequately, and related data management processes are in place, including backup and recovery procedures and procedures for work flow modifications. This stability has allowed IT staff to begin working on the backlog of modification requests. Even fairly major modifications are now being completed by Board IT staff. This includes all document and correspondence additions and modifications, tasks, additional fields, and reports. Vendor staff is still needed to make modifications for online license renewal cycle revisions.

The Board no longer automatically sends out a paper renewal form, but instead sends a postcard notification of license expiration, and directs the licensee to renew online. The Board continues to partner with KANSAS.GOV, who contract with the Board to handle the online renewals. KANSAS.GOV develops and modifies the online renewal programs, and receives license fee payments for the Board. The Board supplies information to three different sites for license verification. The process now has been automated to upload a refreshed file three times a day.

Network management has been greatly enhanced. Microsoft Active Directory is used to manage the devices on the network as well as security. Central management of the network has reduced the amount of time spent on individual desktops, and has standardized the configuration across the network. Adoption of a mirrored copy of local documents further protects agency critical information. The current backup system utilizes external hard disks instead of tapes, and restores of most files can be accomplished in a matter of minutes. A recent switch failure presented an opportunity to upgrade the main switch that controls the servers to a full gigabyte, enhancing inter-server communication dramatically.

KSBHA is now using MS Exchange Server 2007 for e-mail. This is a dramatic improvement in service for Board staff, and provides shared scheduling calendars, group lists, sharing, better remote access, and the ability to comply with records retention initiatives. All members of the Board now have e-mail accounts, which will make communication much easier.

STRATEGIC DIRECTION AND OBJECTIVES: The Board has been given a clear directive from the Legislature (HB 2620) to provide additional information to the public, and to be more transparent in Board proceedings and actions. Additional information will need to be gathered, and joint processes will need to be developed with other agencies including law enforcement to comply with provisions of the bill, such as tracking finger prints. These needs will dictate the primary initiatives for the next several years. The high level view of the Board Strategic Direction is to meet our customer's needs by enhancing the application and renewal process, providing easy to find, complete, and accurate information, to utilized electronic documents to allow Board staff to be more efficient in their task, and to integrate information to minimize repetition and ensure Board staff have all the information needed to support Board needs. The functions that support this direction are as follows:

Develop a new web site: The new site will support all of the directives listed in HB 2620, and provides for flexibility and further transparency of Board activities and actions as directed by the board. This will require modifications to the enterprise database as well as revision of license application and renewal forms.

Further Automation of data processes: Currently data is transferred to verification sites to provide the public and partners with current and accurate information. These processes will be expanded and enhanced to push the information to our customers as quickly as feasible while maintaining accuracy, and security.

Paperless office: The new e-mail system provides enhanced communication and collaboration tools. SharePoint services will add to that palette of tools. The Board is working toward scanning

all current and historical documents, which will allow retrieval from any appropriate desktop. Through the use of modern tools such as the use of optical character recognition (OCR) to examine scanned images, images can be searched electronically for text information providing another tool in office productivity.

License Portability: The Board is participating in the nationwide project that is working toward a central repository of Physician credentials. This will provide better communications between states regarding Physician information.

Agency Architecture: The Board has no major deviations from the State Architecture.

Business Contingency Planning: The Board has a business contingency plan. In the case of major disasters, the Board's emphasis is to verify and identify licensed medical professionals where needed, and to give the Adjutant General the resources necessary to respond effectively to emergency situations. In the event of the Board office being affected, the contingency plan is spelled out in the document.

Business Process and Workflow Management: The Board currently uses GLSuite software as its enterprise management software. A certain amount of workflow is dictated by the software. The Board is constantly reviewing its Business process to find ways of providing better service to our customers, and to be more productive.

Collaboration Software: The Board shares information with other state agencies including Kansas Department of Health and Environment. There are currently no joint projects with other state agencies, and data is generally sent via e-mail or FTP. Improving communications with the Board members remains a priority. Now that the Board is using Exchange Server 2007, additional methods of collaboration and secure communication are available and will be explored.

Data Storage and Administration: The enterprise database and the application programs that support them are currently stored on pairs of replicating raid-5 protected servers. The e-mail system and agency critical documents are stored on raid-5 protected Microsoft servers. PC document are replicated to a region on the document server to minimize the risk of documents lost from PC crashes. The servers are backed up nightly, with a weekly full backup, and a daily incremental backup. The previous week backup is stored in DISC off site storage. The production database is also copied to DISC via Tivoli nightly.

Data Transfer: Data is transferred three times daily to three different medical professional verification sites via ftp batch: Veridoc, Docfinder, and Kansas.gov. Monthly data transfers are made to KDHE, and KHPA using batch and sometime a manual e-mail. Public information is available to any interested party, provided they agree not to sell the information. As part of the data transparency project, the Board plans to make more data available on the web site, which is in the early stage of design.

Electronic Records Retention: The Board has moved to Microsoft Exchange Server and has the technical ability to implement an e-mail retention policy, if necessary. Other electronic documents are being maintained on Board servers. There currently is no retention cycle, in that no records have been purged. As part of our paperless office initiate, record retention and archiving will be examined and a policy in keeping with State Record Retention standards will be developed and implemented.

E-Government: The Board offers online license renewal, and all licensees are being encouraged to renew on line. This not only speeds up the renewal process, but reduces the amount of staff time needed to process a renewal. KANSAS.GOV hosts the web site for renewals, and processes the necessary renewal payments End User IT Security Training:

End User IT Security Training: Security training is provided for all new users and as indicated by observed issues. When major system changes are made, group training is done as needed (examples: VPN client, complex passwords).

Identity Management: The Board is constantly examining methods of safeguarding private information, while providing more convenient services for our customers. Currently there is no plan to use digital certificates or PKI but if future opportunities allow better customer service, new implementations with be considered.

IT Disaster Recovery: The IT Disaster Recovery plan is included in the Business Contingency Plan, with specific technical information held internally and shared with the DISC Small Agency Support Group. Backup copies of data are being stored off site, and the agency critical database is being backed up off site daily. The plan contains detailed steps on recovering the IT functions.

IT Security Staff: The Board has only two full time IT staff. Both staff addresses security issues, and are knowledgeable in firewalls, antivirus and other security components. As is the case with many small boards or agencies, we utilize the services of the Small Agency Support group, as well as other DISC services for expert assistance when needed.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: There are two major initiatives planned. The Board plans on making use of SharePoint services to revamp document store, and integrate standard Microsoft Outlook with productivity software that is available. The Board will be rewriting the web site to utilize new techniques and include dynamic contact, and integrating with SharePoint services to reduce redundancy.

Health Care Stabilization Fund (Agency #270)

BUSINESS PROGRAMS:
Operations Claims

MISSION: The mission of the Health Care Stabilization Fund Board of Governors is to administer the Health Care Provider Insurance Availability Act in a manner that accomplishes the public policy goals expressed in the Act. The principal goals are: (1) to assure that Kansas health care providers have access to adequate professional liability insurance, and (2) to assure that when a plaintiff in a medical malpractice liability action should be compensated, the claim is promptly paid.

SFY 2009 BUDGET: **$33,484,239.00**
SFY 2009 FTE: **17.0**
SFY 2008 IT EXPENDITURES: **$34,456.12**
WEBSITE ADDRESS: **http://www.hcsf.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	.5	0	.5
Network Engineering, Technical Management and Support	0	0	0	.2	0	.2
Computer Operations, Management and Technical Support	.2	0	.2	0	.2	0
Web application development and maintenance	0	.1	0	.2	0	.2
IT Security	0	0	0	.1	0	.1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**.2**	**.1**	**.2**	**1**	**.2**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	3	3	3
Virtual Servers	0	0	0
Desktops	17	17	18
Desktops Replaced	5	4	4
Mobile Devices	3	3	3

SFY 2008 MAJOR APPLICATIONS: None Reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: There were no innovations during FY2008. The existing database was maintained, as was the existing website.

STRATEGIC DIRECTION AND OBJECTIVES: The 2008 Legislature granted supplemental expenditure authority to the HCSF Board of Governors to fund a contract for consulting services to identify opportunities for improved information management and operating efficiency. A request for proposals was advertised by the Division of Purchases and a contract was awarded. The consultant, Virchow Krause & Company has completed a review of agency operations and information systems, and is currently writing a report. Following review and analysis of the consultant's report, the HCSF Board of Governors will develop a strategic IT plan for the next few years. The strategic plan will very likely involve major information system improvements. For this reason, a full-time permanent IT position has been included in the FY2010 budget request.

Agency Architecture: Currently the HCSF operates a Microsoft based PC local area network system with SQL and Access database applications. The agency has consistently purchased commercially available software in lieu of unique custom-made software, and has designed necessary applications using the COTS. Similarly, the agency has consistently purchased hardware with modest capacity in order to avoid unnecessary expense for capabilities beyond the needs of the agency. The data and statistics needed for actuarial analysis and Board decision-making are the highest priority, and this same information is needed for accountability to the Legislature. Because the HCSF provides professional liability coverage to health care professionals and facilities, the agency's software needs are similar to those of a commercial insurance company rather than those of a state agency. Nonetheless, HCSF compliance data should be readily available for use by state medical professional licensing agencies. These parameters will influence strategic planning for future HCSF information technology architecture.

Business Contingency Planning: At this time there is no published business contingency plan. In the event of a disaster, the HCSF would temporarily discontinue operations. New software and greater capacity removable hard drives have recently been purchased. This will allow backup of software applications as well as data. Discussions are underway with an allied organization that has generator backup for electricity. This would allow the HCSF to relocate temporarily and resume major operations by loading a backup drive at the allied organization's location, assuming it is operating. In the event of a pandemic, all staff members would be contacted and instructed to not report for work. The management staff would communicate via telephone and electronic mail, assuming the internet is accessible.

Business Process and Workflow Management: This is a principal focus of our contract for consulting services currently in progress.

Collaboration Software: None reported.

Data Storage and Administration: Data is currently stored on three file servers, two of which are being replaced this fiscal year. These file servers are the hub of the local area network.

Data Transfer: Compliance data is shared with medical professional licensing agencies by uploading data to the Information Network of Kansas. Accounting data is also uploaded to the state accounting system (STARS).

Electronic Records Retention: This is a topic to be addressed in a consultant's report currently in progress.

E-Government: This is a topic to be addressed in a consultant's report currently in progress.

End User IT Security Training: All members of the staff have received basic training and instructions to protect access to agency computers.

Identity Management: Each member of the staff is assigned a unique password for access to agency computers.

IT Disaster Recovery: All file server data is backed up daily on a removable hard drive. Each week one backup hard drive is rotated to off site storage in the State Treasurer's vault.

IT Security Staff: IT security is administered by a member of the accounting staff with the assistance of the DISC Small Agency Support Group.

Public Key Infrastructure: None reported.

Service Oriented Architecture: This is a topic to be addressed in a consultant's report currently in progress.

Technology Infrastructure: The HCSF recently purchased three new removable hard drives with greater memory capacity. In addition, two new file servers have been ordered and new backup software has been ordered. This is to assure proper backup of important data and to improve operational reliability. These hardware and software improvements are possible because of the Kansas Savings Incentive Program (KSIP).

Health Policy Authority, Kansas (Agency #171)

MISSION: As expressed in KSA 2005 Supp. 75-7401, et seq, the mission of Kansas Health Policy Authority (KHPA) is to develop and maintain a coordinated health policy agenda which combines the effective purchasing and administration of health care with health promotion oriented public health strategies. The powers, duties and functions of the Kansas Health Policy Authority are intended to be exercised to improve the health of the people of Kansas by increasing the quality, efficiency and effectiveness of health services and public health programs.

SFY 2009 BUDGET: **$1,411,166,601.00**
SFY 2009 FTE: **263.88**
SFY 2008 IT EXPENDITURES: **$1,855,556.90**
WEBSITE ADDRESS: **http://www.khpa.ks.gov**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	0	1	0	1	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	1	5	1	5	1	5
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	2	0	2	0	2
IT Security	1	1	1	1	1	1
Other IT Functions (please identify) Project Coordinator	1	0	1	0	1	0
TOTAL FTEs	**4**	**8**	**4**	**8**	**4**	**8**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	27	32	37
Virtual Servers	0	0	0
Desktops	275	300	350
Desktops Replaced	100	100	100
Mobile Devices	35	35	40

SFY 2008 MAJOR APPLICATIONS:
Kansas Automated Eligibility and Child Support Enforcement System (KAECSES)
Medicaid Management Information System (MMIS)
MAXe2
Risk Master
ImageNow
Kansas Health Insurance Information System (KHIIS)
Licensure Boards Information
Presumptive Medical Determination Tracking (PMDT)
Hospital Logs
Time Reporting

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Working with our DISC Customer Support staff, KHPA has accomplished the following. We replaced our PIX Firewalls with ASA 5520 devices. We have laid the groundwork for system redundancy by acquiring space at the Off-site Data Center, acquiring VMware servers, and obtaining training on VMware. We added a SQL DBA to our DISC support staff. Compression software has been added to our data base backup facilities. We are in the initial stages of deploying Office 2007 to replace Office 2003. We are positioned to support the upgrade of our RiskMaster and Imaging applications. We have installed the ACL audit software and the ArcGIS applications in the Inspector General's area. The HFS cost reporting software was installed, as was the RoboHelp and Lectora software.

- Working with EDS Systems, there were a total of 580 system changes made for fiscal year 2008. Following is a list of the major accomplishments.

- iCSIS project: (iCSIS) provides an innovative interface between the Medicaid Management Information System (MMIS) and the Kansas Department of Administration's Statewide Accounting and Reporting System (STARS). iCSIS replaces a portion of the Social & Rehabilitation Services (SRS) developed Finance, Accounting, and Reporting Management System (FARMS) and handles MMIS payments that reimburse health care providers, insurance carriers, and other health care related entities. The new system runs efficiently on modern client-server technology and reduces processing time from eight hours to less than five minutes.

- National Provider Identifier (NPI) project: Systems staff has been working on the 2nd phase of NPI project for the last year to meet the mandatory compliance date of 05/23/2008. Kansas is one of the few states to have its Medicaid system successfully ready for NPI on the federally required compliance date.

- Encounter Project: System staff worked for several months to implement the process to accept encounter claims and Provider files from new Managed Care Organizations (MCO), Value Options, Kansas Health Solutions, Unicare, Family Health Partners, and Cenpatico.

- Preferred Inpatient Healthcare Provider/Preferred Ambulatory Healthcare Provider (PIHP/PAHP) project. EDS worked with KHPA and SRS to implement the changes required to support this new business model.

- Presumptive Medical Determination (PMDT) system takeover: At the request of KHPA, EDS is currently working on a project to take over the Access based PMDT system.

- Other significant projects: Apart for above mentioned projects, system staff has been involved in implementing several policies and high priority changes to the system. Some of those were related to: Provider agreement project, Drug Rebate CMS project, PRTF, Autism, PPI and Pregablin, State only NDC, Drug rebate invoice improvement, HMS process improvement, Letter generator system improvements, Development of new tool (Kansas Interactive portal) to replace Work flow management tool on the Project Work Book, Development of new tool called policy management database in KIP to maintain policy documentation electronically, Completion of 70 Ad hoc requests, Enhancement to KMAP Web site like the addition of Fee schedule, Automatic NPI enumeration, and NPI search functionality.

- KHPA staff continue to participate in national forums and work groups to develop the Medicaid Information Technology Architecture (MITA) framework. Involvement in related Health Level 7 (HL/7) and Service Oriented Architecture (SOA) is essential to progressing with MITA.

- Work continues to complete the construction and loading of the Kansas Health Insurance Information System (KHIIS). The data base was moved from the AS/400 DB2 environment, re-designed, and placed on a SQL Server. The vendor for our Data Analytic Interface (DAI) has been selected. Data base design activities are underway.

STRATEGIC DIRECTION AND OBJECTIVES: KHPA will continue to develop applications to support the business objectives of the agency. This will be accomplished by using a combination of state staff and contractors. KHPA will continue to pursue a number of initiatives related to health care reform. KHPA's goal is to become a more data driven agency. To achieve this, we will implement new data warehousing and management reporting capability. We are continuing work to enhance our external and internal web sites. We will also undertake an expansion of our current document imaging system. In the coming months, we will be moving a number of our servers to a virtualized environment. We will also be upgrading to Office 2007.

Agency Architecture: KHPA has no areas where we deviate from the State Architecture.

Business Contingency Planning: The Business Continuity of Operations plane has been developed and is in the approval process.

Business Process and Workflow Management: None reported.

Collaboration Software: KHPA utilizes Outlook/Exchange for internal messaging and scheduling. For secure transmission of email containing Protected Heath Information (PHI), Personally Identifiable Information (PII), or other sensitive data, the agency uses Tumbleweed integrated with Outlook. We are evaluating Share Point as a means to improve collaboration efforts.

Data Storage and Administration: KHPA employs SQL Server for data management. Future plans include integrating GIS with the demographic stored in the warehouse.

Data Transfer: One of the objectives of our agencies data warehousing and analysis project will be to share financial and clinical health care information with our strategic partners for the purpose of improving the well being of Kansans. For internal operations, development of an Intranet and expansion of our document imaging capability will improve operational efficiency.

Electronic Records Retention: Records retention policies are in compliance with federal, State, and insurance industry standards for records retention. The agency is currently researching the requirements for email retention and discovery.

E-Government: KHPA supplies a variety of information and forms to Kansas residents and other agencies. Residents can access the KHPA web site for information on how to apply for Medicaid benefits. Other agencies can obtain policy and procedure information regarding processing applications.

End User IT Security Training: KHPA requires that all employees complete the IT Security training upon employment, and annually subsequent to that.

Identity Management: As previously mentioned. Tumbleweed is used for secure, encrypted transmission of PHI, PII, and other sensitive information.

IT Disaster Recovery: Our agencies IT support is provided be DISC, EDS, and MAXIMUS. We provided contractor oversight of the development of the EDS and MAXIMUS Disaster Recovery Plans. We monitor the testing of these plans on a regular basis. For the portion of our operation provided by DISC, we are covered by that agency's Disaster Recovery Plan.

IT Security Staff: KHPA has two full time security staff responsible for managing all system access requests. The IT Manager also serves as the agency IT Security Officer. Technical support for system and network security is provided under our SLA with DISC.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: KHPA is in the initial stage of virtualizing servers.

Hearing Instruments Board of Examiners (Agency #266)

MISSION: To establish and enforce standards that ensure the people of Kansas receive competent and ethical hearing aid care.

SFY 2009 BUDGET: **$29,511.00**
SFY 2009 FTE: **0.4**
SFY 2008 IT EXPENDITURES: **$950.06**
WEBSITE ADDRESS: **http:// www.ksbha.org**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	7	7	7
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: None reported.

STRATEGIC DIRECTION AND OBJECTIVES: The Board of Hearing Aid Examiners has no computer equipment and no plans to purchase or acquire any at this time.

Human Rights Commission (Agency #058)

BUSINESS PROGRAMS:
Compliance and Education Administrative Hearings

MISSION: The mission of the Kansas Human Rights Commission is to eliminate and prevent discrimination and assure equal opportunities in all employment relations, to eliminate profiling in conjunction with traffic stops, to eliminate and prevent discrimination, segregation or separation, and assure equal opportunities in all places of public accommodations and in housing.

The agency mission and purpose are established by the Kansas Act Against Discrimination, the Kansas Age Discrimination in Employment Act, and the Administrative Rules and Regulations. K.S.A. 22-4606 through K.S.A. 22-4611 codifies the prohibition of racial and other profiling in conjunction with traffic stops and provides for the filing of such complaints with the Commission.

SFY 2009 BUDGET: **$2,238,151.00**
SFY 2009 FTE: **34.00**
SFY 2008 IT EXPENDITURES: **$60,510.10**
WEBSITE ADDRESS: **http://www.khrc.net**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**.05**	**0**	**.05**	**0**	**.05**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	2	2	2
Virtual Servers	0	0	0
Desktops	31	31	31
Desktops Replaced	8	0	8
Mobile Devices	8	8	8

SFY 2008 MAJOR APPLICATIONS: None Reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Even with limited budgetary resources, the agency was able to replace eight desktop computers and monitors, which were four years old. The agency also replaced eight aged printers. We also replaced the Topeka server, which was obsolete because it was purchased in 2002. We also purchased a computer projector for the Public Information program due to the high usage it receives through the training program. We also purchased voice recognition software for one employee at her request. She requested the software to make typing more efficient. We also purchased 16 licenses of Microsoft Office 2007, eight to go with computers purchased at the end of FY 2007 and eight to go with computers purchased in FY 2008. We are currently using Microsoft Office 2003 and did not actually install Microsoft Office 2007 per DISC's recommendation to not work in a mixed environment. Once Microsoft Office 2007 is purchased for all applicable users, we will switch from Microsoft Office 2003 to Microsoft Office 2007. The website continued to be updated and receives 30,000 – 45,000 hits per month.

In addition, DISC developed a new log report for the Intake Database to ease supervisor review of discrimination complaint contacts and information written by staff regarding those contacts. DISC also updated forms generated from the Intake Database and updated screens to more accurately reflect various information. DISC also updated the Contact Database to make data entry easier.

We also installed Trend, an antivirus software recommended by DISC to replace the formerly used E-Trust.

Additionally, we installed a back up system with a removable hard drive. Currently, the Topeka server is backed up to the Wichita server, and the Wichita server is backed up to the Topeka server. Then all information is backed up to a removable hard drive. We are in the process of arranging off-site storage of the removable hard drive, possibly through the State Records Center.

When applicable, we incorporated changes made by the federal Equal Employment Opportunity Commission to the Integrated Mission System database.

STRATEGIC DIRECTION AND OBJECTIVES: None reported.

Agency Architecture: We are unaware of any deviations from the "target architecture" defined in the Kansas Information Technology/Architecture (KITA).

Business Contingency Planning: We do not currently have a published Business Contingency Plan, but will develop one. Currently, the Topeka server is backed up to the Wichita server, and the Wichita server is backed up to the Topeka server. We installed a new back up system in FY 2008, which will allow both systems to be saved to a removable hard drive and for off-site storage of backed up data. During FY 2008, DISC also hosted a disaster recovery open house, which staff members visited.

Business Process and Workflow Management: The agency's work process generally begins with contact from an individual who is interested in filing a complaint of discrimination in the area of employment, housing, public accommodation, or profiling in conjunction with traffic stops. All calls to a potential complainant are logged in a Microsoft Office Access 2003 database known as the Contact Database. The available contact information for the individual, the name of the staff member, date, time and short summary of the conversation are logged.

If contact moves to the next stage where a potential complaint is written, information is logged into a Microsoft Office Access 2003 database known as the Intake Database. Data includes name, address, and contact information for the complainant, type of complaint (employment, housing, public accommodation, or profiling), KHRC staff person, date the complaint questionnaire was sent, date the questionnaire was received, date the actual complaint was written, and date the complaint was docketed (received). Additional information about the potential complaint is also logged, including complainant attorney information if applicable, respondent contact information, the basis of the complaint, and allegations.

Once a complaint is received, the agency uses the Integrated Mission System (IMS), which is provided by the federal Equal Employment Opportunity Commission. This database, accessible through the internet, shows when the complaint was received, and where the case is in the process, i.e. assigned to Kansas Legal Services for voluntary mediation, assigned to an investigator, submitted to a supervisor for review, submitted to a Commissioner for determination, or at the public hearing level. This database also shows if the case is open or closed, and if closed, how it was closed, i.e. no probable cause, probable cause, administratively closed, settled, etc.

All staff has access to Microsoft Office Outlook 2003 which includes a calendar, scheduling, and task features.

Collaboration Software: We do not use instant messaging currently. Three PDA's were purchased in FY 2006 for some supervisory personnel. Our e-mail is through DISC. We use Microsoft Office Outlook 2003. Access to individual e-mail accounts is also available through the internet.

In FY 2007, our Public Information Officer established contact with Greenbush which provides video conferencing for some public schools to enable him to do training presentations in multiple schools simultaneously should the need arise. In recent months, we used KDHE's video conferencing capabilities to conduct a staff training and update.

Meetings are held by teleconference when feasible to save travel time and costs.

The EEOC has held several training sessions on the Integrated Mission System software through webinars, and we have successfully participated in those meetings.

The agency uses three databases (Contact Database, Intake Database, and the Integrated Mission System) to make information easily accessible to employees. Certain files and folders are accessible on network shared drives to ease access to information. Also, certain information, policies, and links are available to all employees through the KHRC intranet.

Data Storage and Administration:

- **Complaint Contact Database:** A Microsoft Office Access 2003 database of 23,700 records used to store contact information about individuals who have communicated with this agency about possibly filing a discrimination complaint. This database is stored on our Topeka server and is accessible to agency employees who have been granted access: two intake workers, the intake supervisor, and any other pertinent positions. Forms generated from the database cannot be altered without coordinating with the appropriate supervisory personnel.

- **Intake Database:** A Microsoft Office Access 2003 database of 17,800 records used to store information about complaints that individuals have requested to be drafted. The complaint may or may not be ultimately filed with the Kansas Human Rights Commission, the federal Equal Employment Opportunity Commission, or both. Data includes the type of complaint (employment, housing, public accommodation, or profiling), name of staff assisting the individual, name and contact information of the individual, respondent information, type of alleged adverse action, and basis of the complaint, etc. Individual records are used to generate various letters and forms. The database is also used to generate various reports. This database is stored on our Topeka server and is accessible to agency employees who have been granted access: two intake workers, the intake supervisor, and any other pertinent positions. Forms generated from the database cannot be altered without coordinating with the appropriate supervisory personnel.

- **Equal Employment Opportunity Commission's Integrated Mission System (IMS):** This system is a web-based database provided and maintained by the federal Equal Employment Opportunity Commission. It contains records of all complaints filed with the Kansas Human Rights Commission. Individual records in the database are used to generate various form letters. The size of the database is unknown. Only a few individuals have data entry access, but almost all other Commission employees have view access.

- **Case Summaries:** Word electronic copies of case progresses and case summaries for each discrimination complaint are stored on either the F (Topeka/Independence) network drive or the W (Wichita/Dodge City) network drive. Hard copies printed off for each individual case file are the official record.

- **Miscellaneous Types of Information:** Other miscellaneous electronic information is maintained on either the network F (Topeka/Independence) network drive or the W (Wichita/Dodge City) network drives.

Data Transfer:

- **Inter-agency/Public:** The agency continues to maintain a website that informs about the agency, current and former Commissioners, the executive director, how to file a complaint and provides complaint forms, our mediation program contracted with Kansas Legal Services, various legal resources, our public information program, including presentation topics and our annual employment law seminar, press releases, publications, frequently asked questions, copies of the *Spectrum* and KHRC annual reports, an e-mail to submit queries or comments to the KHRC, and links to other human/civil rights organizations.

- **Intra-Agency:**
    - As noted above, the agency maintains two internal databases (Complaint Contact and Intake). They are accessible to agency employees who have been granted access: two intake workers, the intake supervisor, and any other pertinent positions.
    - Also noted above, the agency uses the EEOC-provided Integrated Mission System database. Only a few individuals have data entry access, but almost all other Commission employees have view access.
    - The agency has an intranet for employee information and use. Items of interest, such as policies, procedures, memorandums, and links to other websites are posted.
    - Folders on the F and W network drives also contain copies of policies, procedures, and memorandums for employee reference. Items are provided on both the intranet and network drives to facilitate employee use, giving employees a choice of how they want to access information.

Electronic Records Retention: When the agency's records retention schedule was last updated with the Kansas Historical Society, no electronic records were identified to be retained, and no new electronic records have been developed since that time. Paper copies of various records serve as the official record.

E-Government: Because Kansas Administrative Regulations require that complaints be signed, verified, and notarized for employment, housing, and public accommodation complaints, it is not possible to offer individuals the ability to file these types of complaints electronically currently.

However, the agency continues to maintain and update its website for the public's use. Complaint forms and various other materials are posted on the web so they can be downloaded by the public. We offer to send copies of the *Spectrum*, the agency's twice yearly newsletter, via e-mail. Also, notices required by statute to be posted by employers are available via the internet, either by downloading or e-mailing a request for hard copies of the notices. The public can also contact the KHRC using a KHRC e-mail address available through our website.

In last year's IT plan submitted for FY 2008 – FY 2010, we noted we would be exploring the possibility of scanning copies of investigative files requested as discovery in public hearings or in litigation. It is now common practice to exchange such documents as electronic images, rather than by hard copy. We have decided to delay this project due to the requested one to two percent reduction in State General Fund expenditures in FY 2009 and the two percent reduction in the State General Fund allocation for FY 2010.

Depending upon resources available in FY 2009, we would like to explore accepting registrations for the yearly employment law seminar through the KHRC website. Currently, we accept registrations by mail, telephone, e-mail and fax. We had 246 registrants at the fall 2008 employment law seminar.

End User IT Security Training: IT security measures that are in place include network passwords are changed every thirty days, and every user has a unique login and password. We also use a batch program at log-in which sites the fact that the internet and e-mail are for official state business purposes only and any other usage will result in disciplinary action. The *Kansas Human Rights Commission Policies and Procedures* states that e-mail, computer systems, and internet usage should be for Commission or State business only, subject to disciplinary action for deviation from the policy.

In addition, access to the Contact and Intake Databases and the Integrated Mission System is given only to those individuals who are considered to benefit from the access. The Integrated Mission System has its own user ID and password requirements set by the Equal Employment Opportunity Commission.

We also use Trend, an anti-virus software recommended by DISC-Small Agency Support.

Identity Management: The agency does not currently use or plan to use digital certificates for data/e-mail encryption and/or verification of a user's digital identity. Current state regulations require that employment, housing, and public accommodation complaints be signed, verified, and notarized.

IT Disaster Recovery: The agency does not have a published IT disaster recovery plan, but will be working on one in the coming months. Because hard copies of various documents, such as letters, case progresses, and case summaries, are the official record, an IT disaster would not impact these types of records. The agency has tried to minimize risk by diversifying the location of backed up data. In addition, the agency keeps a small inventory of working computers, monitors, and printers, even though they are aged, on hand in case current machines break down to minimize down time. Agency e-mail is also accessible through the internet.

IT Security Staff: The agency does not have an individual with dedicated responsibility for IT security. We do not have plans in the future to have a dedicated IT security position. Instead, In November 2004, the agency established an IT unit, consisting of the Office Manager/Administrative Officer, the Assistant Director, and various supervisors, to coordinate the purchase, upgrade, and maintenance of IT items. The agency relies on DISC-Small Agency Support for more advanced assistance. In FY 2008, we have incorporated changes recommended by DISC-Small Agency Support, such as changing from E-Trust Antivirus to Trend.

Public Key Infrastructure: The agency does not currently use or plan to use digital certificates for data/e-mail encryption and/or verification of a user's digital identity. Current state regulations require that employment, housing, and public accommodation complaints be signed, verified, and notarized.

Service Oriented Architecture: We understand that Service Oriented Architecture is a new way applications are being developed by using small mini-applications called "services" to do all the work that big large systems used to do. We have not moved in this direction with our applications, nor have we received a recommendation to do so from DISC-Small Agency Support.

Technology Infrastructure: Due to the recommended one to two percent reduction in planned State General Fund expenditures for FY 2009, all capital outlay has been canceled, except for the planned replacement of the Wichita server. As for FY 2010, the State General Fund allocation was reduced by two percent, resulting in not scheduling any capital outlay. If funding returns to more normal levels in FY 2010, we will continue with our plan to replace approximately one-quarter of desktops, monitors, and printers.

Indigents' Defense Services, State Board of (Agency #328)

BUSINESS PROGRAMS:

Administration
Appellate Defenders Office
Conflicts Office
Assigned Council
Public Defender (Trial) Offices
Death Penalty Defense Unit

MISSION: The statutory mission of the State Board of Indigents' Defense Services (SBIDS) is to provide, supervise and coordinate, in the most efficient and economical manner possible, the constitutionally and statutorily required counsel and related service for each indigent person accused of a felony and for such other indigent persons as prescribed by law.

SFY 2009 BUDGET: **$23,925,804.00**
SFY 2009 FTE: **193.00**
SFY 2008 IT EXPENDITURES: **$379,172.61**
WEBSITE ADDRESS: **http://www.sbids.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.3	0	.4	0	0	0
Application Maintenance and Enhancement (in-production systems)	.2	0	.1	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.15	0	.35	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	.3	0	.2	0	0	0
Network Engineering, Technical Management and Support	.6	0	.5	0	0	0
Computer Operations, Management and Technical Support	.6	0	.5	0	0	0
Web application development and maintenance	.35	0	.4	0	0	0
IT Security	.35	0	0.45	0	0	0
Other IT Functions (please identify)	.15	0	0.1	0	0	0
TOTAL FTEs	**3**	**0**	**3**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	21	23	20
Virtual Servers	0	0	0
Desktops	198	199	215
Desktops Replaced	21	0	80
Mobile Devices	53	57	75

SFY 2008 MAJOR APPLICATIONS:
IIS Web Server, The Brief Bank
Assigned Counsel Systems Database
Legal Case Management System
Legal Case Statistical Database
Administrative / Accounting Database Systems

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- A new Sedgwick County Conflicts Office was opened in July 2008.
- New Avaya telephone systems with voicemail were installed in the Sedgwick County Conflict Office and the Garden City Public Defender Office
- A new Dell RAID serve with tape backup DAT 72 drives and Backup Exec software were installed at each office.
- Active Directory was brought to a pure 2003 environment in the field offices.
- Additional multimedia projectors were placed in each region providing all offices with one projector.
- Flash dries with encryption software were purchased and distributed to all professional staff.
- Our Garden City Public Defender office and its entire infrastructure were moved to a new location
- Microsoft 2007 was rolled out to all sixteen agency offices. This included training for all staff on Word and Excel along with migration of all Paradox databases to Access. This rollout has moved the agency to a single software platform and is allowing process efficiencies.
- Secure encrypted flash drives were purchased and distributed to all pro staff.
- Implemented cellular air card for internet access for mobile legal staff.
- Implemented a redundant Cisco VPN backbone, including a CISCO IPS CISCO switch in the Administration office. Installed CISCO and VPN appliances in 15 offices to create an agency wide WAN.
- Implemented the agency's first IDS system using open source software.

STRATEGIC DIRECTION AND OBJECTIVES:

The IT department at SBIDS will continue changing and improving through the use of new technology in both hardware and software. We are continually updating workstations, servers, peripherals and software with current vendor releases as funding permits. Due to mandated budget reductions no IT funds are included in the FY 2009 and FY 2010 budgets. During the course of FY 2009, 2010, and 2011, we will continue to move forward technologically by accomplishing the following goals.

- Redesigning our agency website with Adobe Creative Suite. Our focus will be on enhancing the user friendliness, appearance, functionality, security, accessibility and adherence to State of Kansas standards.
- Training of end users on MS Office 2007 applications as we are preparing for removal of WordPerfect Office 2000.
- Moving to a single domain
- Implementing MS Exchange 2007 server

Agency Architecture: Currently SBIDS has Microsoft XP Operating Systems on our Desktops and Windows 2000 and 2003 as our Server Platforms. Our goal is to move to a pure Windows 2003 Server environment.

Business Contingency Planning: SBIDS does not have a Business Contingency Plan. The Assistant Director has received template documents and will begin working on this issue after submission of this year's budget. A Business Contingency Plan will be developed for each of our sixteen offices. Due to the nature of our business, the majority of our staff cannot work from their homes. Additionally, we cannot meet clients in the courthouse. We will need to be creative in finding available locations in the various cities. We will also encounter funding limitations regarding replacement of office furniture and equipment if this is needed.

Business Process and Workflow Management: No immediate plans due to budget limitations.

Collaboration Software: SBIDS will be upgrading to a new MS Exchange 2007 server to replace our current email system, Mdaemon Version 9.6. In conjunction with our currently implemented Barracuda hardware device we will have an email system with virus and SPAM reduction, which will help maintain the security of both the State and agency network.

Data Storage and Administration: BIDS currently stores approximately 350 GB of data on 20+ file servers throughout the state. This data includes; databases in each field office containing client and court scheduling information, client files, discovery received from state prosecution, personnel files, accounting databases and spreadsheets. Databases are maintained by IT Staff in the Administrative Office. We continue to research Legal Case Management systems until budget limitations are lifted.

Data Transfer: We currently store claim, travel and other administrative forms on our website for BIDS employees and assigned counsel to access. As we move to a single domain for the entire agency, field office employees will access these forms from the main server in the Administrative Office in Topeka.

Electronic Records Retention: We retain accounting, human resources and caseload data using databases, network and other media. This agency does not scan documents for electronic storage in lieu of retaining the physical document. As funding becomes available we will start research. We provide limited public access to records pertaining to this agency at this time due to client confidentiality and attorney ethics regarding work product.

E-Government: We are using a web site to provide service to our Assigned Counsel, Contract Attorneys, and agency staff offering information on our agency, jobs, training, case law, forms and claim status. A web based brief bank is available for agency staff, assigned counsel, and contract attorneys. As we review our agency needs and priorities, a web evolution is not in our foreseeable future.

End User IT Security Training: The Office manager training held in the fall of 2006 included end user security training. The intent was that office managers would share this knowledge with staff in their respective offices. This was minimally successful. SBIDS plans to provide end user IT security training via computer based training courses provided by the Department of Administration followed with onsite training by IT staff in FY 2008.

Identity Management: This agency is currently using SSL, Digital signed Certificates on our web servers and for data/email encryption, providing the highest level of integrity to the users of our web enable systems.

IT Disaster Recovery: SBIDS does not have published IT Disaster Recovery Plan. We have established tape backup systems in all outlying offices not participating in the KANWIN network. Office Managers have been instructed to take the most recent backup off site each night. We are currently working with DISC to move all backups to two off-site storage locations.

IT Security Staff: This agency does not have an individual with responsibility to IT Security. A three member staff handles IT security.

Public Key Infrastructure: No immediate plans due to budget limitations.

Service Oriented Architecture: No plans.

Technology Infrastructure: At present we are utilizing an out-of-date email server. We are planning to implement an agency wide Microsoft Exchange 2007 server which has already been purchased along with the Exchange licensing. Before implementing the Exchange server, we will be moving our agency to a single Domain which will allow us to utilize Exchange to its fullest potential. Moving to one domain will facilitate the storage and management of data more seamlessly. The hardware is configured up for this transition. We are also in the process of moving all of our local backups to two offsite DISC locations. This will include creating VPN tunnels that will allow us to communicate with DISCs servers and services.

Insurance Department, Kansas (Agency #331)

BUSINESS PROGRAMS:

Insurance Company Regulation
Insurance Company Examination
Kansas Workers Compensation Fund
Firefighters Relief Act
Debt Service and Capital Improvements

MISSION: The mission of the Insurance Department is to protect the insurance consumers of Kansas and to serve the public interest through the supervision, control and regulation of persons and organizations transacting the business of insurance in the state. This mission is accomplished by assuring an affordable, accessible and competitive insurance market.

SFY 2009 BUDGET: **$23,617,836.00**
SFY 2009 FTE: **143.00**
SFY 2008 IT EXPENDITURES: **$426,147.65**
WEBSITE ADDRESS: **http://www.ksinsurance.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.55	0	.55	0	.55
Application Maintenance and Enhancement (in-production systems)	0	.6	0	.85	0	.85
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.4	0	.65	0	.65
Data Administration, Data Analysis/Validation and Database Administration	0	.9	0	.9	0	.9
Network Engineering, Technical Management and Support	0	.5	0	.5	0	.5
Computer Operations, Management and Technical Support	0	1.5	0	1.5	0	1.5
Web application development and maintenance	0	1.25	0	1.55	0	1.55
IT Security	0	.3	0	.5	0	.5
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**6**	**0**	**7**	**0**	**7**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	10	11	12
Virtual Servers	0	0	0
Desktops	170	180	180
Desktops Replaced	0	45	0
Mobile Devices	2	16	20

SFY 2008 MAJOR APPLICATIONS:

Accounts Receivable & General Ledger
Assessments, Billings & Distributions
Policy Form & Rate Filings
Company Directory
Consumer Complaints Document Management
Historical Company Search
Domestic Forms & Company Papers Document Management
Workers' Compensation Document Management
Company Online Tax Filing
NIPR (National Insurance Producer Registry)
Ksinsurance.org Website
Company Web Inquiry
Online Timesheet
System for Electronic Rate and Form Filing (SERFF)
Accounts Payable
Workers' Compensation Administration
Consumer Complaints
Legal Case Management
Extinct Company Database
Payment Engine Interface
Agent/Agency Web Inquiry
Company Desktop Extranet
Producer Licensing and Continuing Education
NAIC I-Site, My.NAIC.org, databases and tools
Producer Desktop
Kidnetwork Intranet
Company Online Tax Audit
Online Record Requests/Administration
Firefighter Relief Act Administration

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

E-Regulation & Public Access:

- Completed and implemented online resident agent license application, including ability to pay fees online and backend logic and queues for processing. Online applications submitted April-June, 2008 totaled 386, with the online application quickly becoming the predominant way to apply for a resident agent license.
- Planned and began development of project to use the National Association of Insurance Commissioners (NAIC) SBS Continuing Education module to license providers, approve courses and receive completed agent course credits online. This will be merged with existing agent licensing and renewal system.
- Deployed digital certificate to allow electronic consumer complaints to be encrypted for transmission over the Internet
- Implemented web service to A.M.Best insurance company ratings from Company Lookup on agency public website.
- Implemented Long-Term Care Partnership website as subsidiary to main public website.
- Added a SERFF Public Access Terminal for public use in searching for rate and form filings; added online public access module to support public access terminal requests.
- Added a bulk email server and service for email distribution of the Insurance Quarterly.

Infrastructure Enhancement:

- New laptops and desktops were deployed as part of four-year replacement plan, moving IT staff, Producers staff and Consumer staff to Windows Vista Ultimate with the Office 2007 suite. Hardware offers all staff in these divisions requiring it to use dual monitors. All desktops are small-form factor with flat-panel monitors for energy conservation and ease of movement.
- One new laptop has been deployed as a prototype for testing BitLocker drive encryption under Windows Vista.
- Implementation of Altiris desktop administration was completed for provision of remote IT support and scheduled remote Windows updates.
- Altiris Drive imaging software has been deployed for PC rollout and backup of desktop/laptop drive images.
- GroupWise and Gwava versions were upgraded to provide for improved email screening.
- IT server room was reconfigured to eliminate a second entrance and card access was established for accountability and increased control over those entering. An additional 60 sq. ft. was added to non-secure area for technical bench space.
- Moved all traffic previously using NAIC-supplied private data network to encrypted transmission over the Internet, allowing for discontinuance of the private network.

- Department has begun in-depth Continuity of Operations Planning, and it has planned for installation of a backup generator to support computer servers and network infrastructure in building.
- Digital certificates were deployed on email gateway server for encryption of WebAccess and Blackberry email and to support secure SMTP when connecting systems support it.
- Seven broadband access cards have been obtained and configured for Financial Examiner Internet access, including secure NAIC Citrix server access, while working at companies.
- Color printing capabilities for staff have been expanded.

Internal Program Support:

- Implemented a paperless online leave request system and integrated it with the department online timesheet system.
- Began planning for a Financial Examiner time tracking system to integrate with online timesheets and Accounts Receivable system.
- Fifteen Blackberry PDAs were added for remote email access by department director staff.
- Real-time reporting and new reports were added to Company Desktop Tax Audit application. Automated comparisons were added for KHIA and guarantee association credits.
- Enhanced KIDClipboard, providing quick, unassisted internal access to department management information.
- Studied replacement of the Consumer document imaging system and began planning to replace it and current consumer database system with NAIC SBS Complaints module.
- Supported project to scan P&C paper rate and form filings into SERFF in preparation for Jan. 1, 2009, deadline for SERFF submission of all rate and form filings.
- Began planning to be a charter user of NAIC SBS Anti-Fraud module.

Conducted study of undocumented Firefighter Relief Application to document, determine statutory compliance and provide for greater system audit capability.

STRATEGIC DIRECTION AND OBJECTIVES:

KID IT continually plans, directs and manages change to keep pace with technology, the insurance industry, NAIC, our stakeholders' expectations, demands for greater efficiency, demands to be paperless, and the need to be secure.

Primary IT imperatives are to:

1. Offer new and improved online services to stakeholders.
2. Replace paper processes with electronic ones.
3. Work cooperatively with other states' insurance regulators and the National Association of Insurance Commissioners (NAIC) to create and enhance seamless regulatory systems.
4. Maintain a secure computing environment.

IT staff members balance maintenance of existing systems with projects to promote e-regulation and public access, enhance infrastructure and offer improved program support for users within the department.

The department IT Director chairs the NAIC Information Systems Task Force, which provides technical supervision for technology resources and projects at the NAIC. The Director also represents the Commissioner on the NAIC Information Resources Management Committee which sets IT policy and makes recommendations on association IT projects. He serves on the NAIC State Based Systems Product Steering Committee, charged with development of regulatory applications shared by many member states. Collaboration with NAIC and the other states in development and maintenance of central NAIC information systems and development of new shared services centered around a Service Oriented Architecture model are high priorities for the department.

Projects planned and underway include:

E-regulation and Public Access

- Complete and implement project to use the National Association of Insurance Commissioners (NAIC) SBS Continuing Education module to license providers, approve courses and receive completed agent course credits from providers online, interfacing it with the existing agent licensing and renewal system.
- Build an additional component for Producer Desktop, to support online resident agent continuing education maintenance and license renewal.
- Add a component to Producer Desktop to allow for agency online updates and submissions, and allow agency personnel to be authorized to update online agent information.
- Enhance excess lines tax filings under Producer Desktop.
- Continued upgrade of online tax form under Company Desktop, including creation of a service to allow companies to upload tax data from proprietary tax applications rather than re-key it. Consider addition of risk retention group and pool tax filings.
- Complete development and implementation of automated online public record responses, allowing for download of agent/agency lists to provide data as of the prior day's close of business.
- The Kansas Insurance Commissioner has set January 1, 2009, as deadline for all companies admitted in Kansas to file rate and form filings with the department electronically through the NAIC System for Electronic Rate and Form Filings (SERFF). Manage this transition and develop appropriate means of extracting management information about filings to KID Clipboard.
- Continue work to integrate services with Kansas.gov and the Kansas Business Center.

Infrastructure Enhancement

- Continue to follow plan to replace desktop and laptop computers in primary locations on a four-year cycle, when they go off warranty with high-end small form factor computers with dual monitor capability, using 19-inch ultra-sharp flat panel monitors. Laptops in docking station are an option for some staff to provide the flexibility of a mobile device.
- Security will be enhanced on laptop computers regularly used outside the office, by use of encrypted hard drives and fingerprint scanners. With appropriate security enhancements, increased access to internal data from laptops outside the office will be authorized via virtual private network.
- Additional email archiving software is being tested and will be deployed.
- Upgrade threat protection products for increased protection and lower utilization of computer resources.
- Single sign-on alternatives are being studied for implementation to tighten user ID and password security for the various internal and external systems accessed by department users.
- The department will continue to refine and improve its backups to disk and tape and its offsite storage procedures to further decrease risk of data loss.
- Continuity of Operations Planning and Disaster Recovery Planning will continue.
- Backup generator will be installed to support server room equipment and the office data communication infrastructure.
- AS/400 system disaster recovery solutions will be pursued, including the likely use of a hosted service, with its own redundancy and disaster recovery services in place.
- Email spam identification and blocking software and procedures will continue to be enhanced to significantly decrease spam while delivering legitimate business email.
- Establish greater network, email and firewall monitoring. Deter use which is detrimental to systems and other users. Acquire additional tools to troubleshoot network issues and monitor traffic.
- Network intrusion prevention and detection services will be enhanced.

- Office 2007 and the Vista operating system will be deployed on most newly installed computers.
- Provide agency support for the replacement of department switches by DISC; consider changes in building wiring and provision of new wireless service to comply with new policies associated with switch replacement.
- Replace agency redundant Cisco PIX 515 firewalls for which support has been dropped by Cisco.

Internal Program Support

- Replace existing document management system and complaint management system for the Consumer Assistance Division with the NAIC SBS Complaints module. Develop local capability to open new complaints by scanning or uploading documents into the SBS system. Similarly provide for new documents in existing cases to be uploaded or scanned directly into cases.
- Migration to the SBS Anti-Fraud application to support division investigations.
- Completion of a Financial Examiner timekeeping module in the department's time sheet application, plus reporting and integration with legacy A/R system for company billings. Move time and leave systems to a secure web server externally available to KID staff.
- Establish online out-of-state travel requests on KIDNetwork.
- Upgrade online tax audit application to allow for integration with Department of Labor Quarterly Wage Statement for audit of salary credits claimed by companies.
- Enhance examiner ability to acquire data electronically from companies through the online facilities of Company Desktop instead of transfer by CD/DVD.
- Replace agency document management solution for Workers Compensation and consider ways to extend document management to Legal and Financial Services divisions.
- Re-engineer Legal System for greater integration with document management, company and producer databases and NAIC RIRS application.
- Complete automation of payments and responses to web-based public records requests for agent/agency lists.
- Plan and begin development of changes to existing systems necessitated by the planned Financial Management System.
- Continue to improve and enhance KIDClipboard as a vehicle for delivery of internal management information and delivery of data maintained in KID databases. Consider porting appropriate modules to the public website.

Agency Architecture: We are not aware of deviations from State Architecture.

Business Contingency Planning: An internal group is actively involved in creation of a new Continuity of Operations Plan and certain projects above have resulted from those efforts.

Business Process and Workflow Management: At this time business process and workflow software has been built within existing applications and is not the result of deployment of a business process or workflow product.

Collaboration Software: GroupWise 7.0 is used for email. To some extent, particularly in IT development projects, GoToMyPC and GoToMeeting are used for interactive collaboration. The department offers a web portal for company staff and agents to log into for the agency to distribute information, post invoices, support tax returns and receive uploaded documents. Other services are provided by the NAIC that allow for collaboration on rate and form filings and other regulatory matters. Video conferencing is not currently supported by the agency, but telephone-based audio conferencing is used extensively, particularly in collaborating with other states on NAIC committees, task forces and working groups. Often these conferences are supported with a form of Internet web conferencing.

Data Storage and Administration: Regulatory data is primarily stored by the agency in an AS/400 database. It is supplemented by a MySQL databases from the agency e-regulation server. Documents are stored and indexed on two Para-Docs document management servers. Increasingly, some of this storage is being replicated and sometimes moved to NAIC servers as state insurance departments share more regulatory systems. The agency maintains a SAN shared by five servers with approximately 2.5 TB of storage.

Data Transfer: Data is primarily shared with the NAIC and, through it, with other state insurance departments. All data shared with the NAIC is encrypted for transmission as is any data with any other entity that is considered confidential or may be otherwise restricted. Data is also transferred to and from the Department of Administration and other agencies. Also data is transferred to and from regulated entities and the public. Both batch and interactive processes are used. The majority of data is transferred using secure FTP protocol; however, some is done through web services and through browser sessions, using both php and java, and in other cases secure ODBC connections are made to remote databases.

Electronic Records Retention: Currently most electronic records are addressed the same as traditional record storage in the agency record retention schedule. That schedule is currently under review to be updated, and where appropriate, electronic records will be considered for the unique storage issues they raise. Current development projects consider the technical aspects of record retention archiving and purging.

E-Government: The agency has extensive e-government systems for companies, producers and the public addressed through other sections of this document.

End User IT Security Training: The agency provided training in February, 2008, to all staff, primarily focusing on threats and changes in the agency acceptable use policy. A log-in reminder of acceptable use policy, is provided with links to the full policy posted on the agency Intranet. New users are provided with information regarding computer acceptable use policy and security. It is anticipated more sessions will be conducted in the future.

Identity Management: The agency utilizes many different User ID and password systems for authentication and authorization of users, both internal and external. Digital certificates currently only are being used to positively identify our servers to external users and for encryption. The agency hopes to be able to prioritize a project for single sign-on of internal users in the future.

IT Disaster Recovery: Plans are being updated as part of the agency's current continuity of operations planning.

IT Security Staff: The assistant IT director has been charged with primary security responsibility. This is not a position dedicated to security only. It is unlikely that with a six-person IT staff in a 147-FTE agency that a dedicated IT security position will be created.

Public Key Infrastructure: Digital certificates currently are being used to positively identify our servers to external and internal users and for encryption of connections to them. Four certificates are used on three separate servers, one an email server. It does allow for staff to make secure browser connections to email from outside the office using WebAccess. It also allows for secure POP and IMAP email connections. Currently our email gateway server will use secure SMTP for connections to other email servers that support secure SMTP. If they do not, unencrypted SMTP is used. We have no other plans at this time for PKI use.

Service Oriented Architecture: We are currently concentrating on overhauling the architecture at NAIC to provide greater support for service oriented architecture. Kansas has been a pilot state in working with NAIC to use web services to access company financial information stored there and agent licensing information.

Technology Infrastructure: Cloud computing or software as a service will increasingly become a way in which some services are provided to the agency. This is particularly true of agency regulatory applications both the legacy applications currently running on an AS/400 and services offered jointly to all state insurance departments through the NAIC. In particular, these solutions will allow the agency to better address continuity of operation needs, for the services accessed through the Internet as well as services offered locally. By offloading many of the tasks required for disaster recovery to an AS/400 host service and to the NAIC, which already have redundancy and tested disaster recovery plans in place, the agency is able to concentrate on a smaller subset of its own disaster recovery tasks.

Judicial Branch (Agency #677)

BUSINESS PROGRAMS:
District Court Automation Appellate Automation

MISSION: Kansas courts constitutional and statutory duty is to administer justice in the most equitable fashion possible, while maintaining a high level of effectiveness. Justice is effective when it is administered fairly without delay. Competent judges are required and they must operate in a modern court system under simple and efficient rules of procedure.

SFY 2009 BUDGET: **$127,126,771.00**
SFY 2009 FTE: **1,858.30**
SFY 2008 IT EXPENDITURES: **$1,954,452.87**
WEBSITE ADDRESS: **www.kscourts.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	1	1	1	1	1
Application Maintenance and Enhancement (in-production systems)	4	0	4	0	5	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	3	0	3	0	3	0
Data Administration, Data Analysis/Validation and Database Administration	0	.5	0	.5	0	.5
Network Engineering, Technical Management and Support	.5	0	.5	0	.5	0
Computer Operations, Management and Technical Support	4	0	4	0	4	0
Web application development and maintenance	0	.5	0	.5	0	.5
IT Security	.5	0	.5	0	.5	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**13**	**2**	**13**	**2**	**14**	**2**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	13	11	11
Virtual Servers	0	0	0
Desktops	175	175	175
Desktops Replaced	90	15	100
Mobile Devices	30	30	30

SFY 2008 MAJOR APPLICATIONS:
Appellate Case Tracking System (ACTS)
Attorney Registration System
Case Management & Reporting System
FullCourt Case Management

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Continued the implementation of a statewide imaging system.
- Continued the implementation of a statewide juvenile compliance system.
- Continue to provide support and training on the FullCourt system to over 1600 users across the state.
- Continue to work with state agencies to define what information they would like us to share with them.

STRATEGIC DIRECTION AND OBJECTIVES: The Judicial Branches overall approach to technology is to provide the judicial center as well as the district courts the IT tools they need to be able provide judicial services to the public.

Now that the Judicial Branch has a statewide case management and accounting system we have the core product that all future system will be integrated into. OJA is currently in the process of implementing two new software modules. The first is a Juvenile Compliance Module. This module is designed to facilitate better management of child in need of care and juvenile offender cases as they relate to Federal Adoption and Safe Families Act (ASFA) tracking standards. The second is a statewide imaging system. This system allows district court personnel easier and faster access to their case files. The imaging system is integrated with the FullCourt case management system, providing easy access to both case history information and documents. In addition, imaging serves as a first step towards electronic filing.

Agency Architecture: Currently comply with the Kansas Information Technology Architecture (KITA).

Business Contingency Planning: Currently under development.

Business Process and Workflow Management: It is anticipated in the future with the addition of electronic filing that workflow management will be part of this initiative.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: Currently submit traffic data to Department of Motor Vehicles. Will begin work on submitting data to requesting KCJIS agencies.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: Currently under development.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: Currently considering moving to a web-based case management solution for the District Courts. Also considering electronic filing.

Judicial Council (Agency #349)

MISSION: To improve the administration of justice in Kansas by continuously studying the judicial system and related areas of law, by recommending changes when they are deemed appropriate and by preparing publications consistent with the agency mission.

SFY 2009 BUDGET: **$1,545,573.00**
SFY 2009 FTE: **7.0**
SFY 2008 IT EXPENDITURES: **$57,220.67**
WEBSITE ADDRESS: **http://www.kscourts.org/council**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	1	1
Virtual Servers	0	0	0
Desktops	5	7	7
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: None reported.

STRATEGIC DIRECTION AND OBJECTIVES: The agency plans to maintain existing systems and upgrade them when needed.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: The Judicial Council retains all records made or received by the agency in the Judicial Council office, located in the Judicial Center in Topeka. The format by which they are retained is "hard copy" or paper format.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Kansas Inc. (Agency #360)

BUSINESS PROGRAMS:

Strategic Planning
Private Sector Partnership
Research and Analysis
Evaluation of Kansas Economic Development

MISSION: Kansas, Inc.'s mission is to conduct strategic analysis of and planning for the economic development of the State of Kansas, to evaluate state economic development policies and programs, and to oversee the formulation and implementation of economic development policy for the State.

SFY 2009 BUDGET: **$622,433.00**
SFY 2009 FTE: **4.5**
SFY 2008 IT EXPENDITURES: **$9,511.25**
WEBSITE ADDRESS: **http://www.kansasinc.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.1	0	.1	0	.1
Application Maintenance and Enhancement (in-production systems)	0	.1	0	.1	0	.1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	.1	0	.1	0	.1
Web application development and maintenance	0	.2	0	.2	0	.2
IT Security	0	.1	0	.1	0	.1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**2**	**0**	**2**	**0**	**2**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	1	1
Virtual Servers	0	0	0
Desktops	5	5	5
Desktops Replaced	1	2	2
Mobile Devices	1	1	1

SFY 2008 MAJOR APPLICATIONS: None Reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Kansas, Inc. completely reconstructed its web site in FY 2005 to provide a better functional and end-user environment. The agency website will continue to be enhanced over the next several years when it deems appropriate with its limited resources. The agency works with Kurt Dubach, DISC, for security and system enhancement needs. The agency also works with Information Network of Kansas for web development ideas and concepts. Kansas, Inc. updates and provides the maintenance of the website. Dependent on funding resources for the IKE project, Kansas, Inc. may need additional website enhancement.

STRATEGIC DIRECTION AND OBJECTIVES: The agency works with Information Network of Kansas for web ideas and/or assistance. The agency currently is preparing to provide more electronic information on its web site to increase Kansas, Inc.'s role in economic development and presence. Kansas, Inc. is a small state agency with limited resources for IT.

Agency Architecture: The agency will purchase two new Dell Desktop PCs in FY 2009. The agency plans to continue to enhance its information on the web site and electronic capabilities in providing information. The agency plans to replace one computer in FY 2010 and one in FY 2011.

Business Contingency Planning: The agency has had several discussions on a contingency plan and will formalize it the near future in the event of disaster.

Business Process and Workflow Management: The agency currently does not have any workflow management software and will review the agency's needs in this area.

Collaboration Software: Kansas, Inc. is currently working on a project, *Indicators of the Kansas Economy (IKE),* and is collaborating with other state agencies and/or universities on its interactive access and hosting.

Data Storage and Administration: The agency currently puts important information onto CD or disk. In the event of a disaster, the agency does not have any information that would cause safety or security problems for the public and would currently be able to restore information in the event of a disaster. The agency stores research reports, personnel reports, data analysis, general correspondence files, database records, budget documents, and accounting transactions.

Data Transfer: The agency currently has a website and displays publications and other items of interest to the public. The agency also utilizes its email by sending information to the public, other agencies or others that would like to receive information. E-mail containing data, personnel reports, SHaRP data, SOKI, STARS, and website files.

Electronic Records Retention: The agency currently puts important information onto CD, jump drive or disk. In the event of a disaster, the agency does not have any information that would cause safety or security problems for the public and would currently be able to restore information in the event of a disaster.

E-Government: The agency provided an electronic survey in preparing the new Kansas strategic plan and provide a menu on the website to subscribe to a list serve as new publications become available. The agency has discussed a section of the website devoted to the agency's 501(c)(3) for individuals and/or businesses to pledge private donations with contact information, etc.

End User IT Security Training: The agency provides training on a limited basis when new security software is warranted.

Identity Management: The agency has no plans for electronic signatures at the present time.

IT Disaster Recovery: The agency does not currently have a published disaster plan on will be working on one for the future.

IT Security Staff: The agency updated its firewall on the router in FY 2006-FY 2007 thus providing a more secure environment and will continue to update security as recommended by DISC. The agency is currently looking at updating its router and internet connection. The agency is currently in the process of purchasing new anti-virus software. The agency has an individual that provides upgrades to security and software packages, but is not devoted full-time to security and there are no plans by the agency in this regard.

Public Key Infrastructure: The agency does not currently use electronic or digital signatures to sign official key legal documents.

Service Oriented Architecture: The agency has no plans for any service-oriented architecture other than the IKE project when completed may have multiple users and utilizing several different data components.

Technology Infrastructure: The agency has six desktop PCs that are all networked and will continue to upgrade equipment and software (router, firewall, security) as funds are available and as recommended by DISC. The agency will purchase two new desktop computers in FY 2009 and a new printer. A new desktop computer will be purchased in FY 2010 and a new desktop computer in FY 2011.

Legislative Post Audit, Division of (Agency #540)

MISSION: The Legislative Division of Post Audit's mission is to conduct audits that provide information for the Legislature and other government officials who make and carry out policies and procedures. This information helps the Legislature ensure that Kansans receive economical, efficient, and effective services that are in compliance with applicable requirements. It also helps the Legislature ensure the integrity of the State's financial management control systems.

SFY 2009 BUDGET: **$2,700,308.00**
SFY 2009 FTE: **27.0**
SFY 2008 IT EXPENDITURES: **$17,793.48**
WEBSITE ADDRESS: **http://www.kslegislature.org/postaudit**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.1	0	.1	0	.1
Application Maintenance and Enhancement (in-production systems)	0	.1	0	.1	0	.1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.05	0	.05	0	.05
Data Administration, Data Analysis/Validation and Database Administration	0	.4	0	.4	0	.4
Network Engineering, Technical Management and Support	0	.2	0	.2	0	.2
Computer Operations, Management and Technical Support	0	.2	0	.2	0	.2
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	.05	0	.05	0	.05
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**1.1**	**0**	**1.1**	**0**	**1.1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	2	4	6
Virtual Servers	34	36	37
Desktops	0	0	0
Desktops Replaced	0	35	0
Mobile Devices	0	1	1

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Post Audit continues to participate in the Legislature's Strategic Computing Plan.
- We have initiated an ongoing data-mining project, and to date have issued two audit reports stemming from this project.
- We completed two IT-security audits during the year, *Surplus Computer Equipment: Determining Whether State Agencies Effectively Remove Software and Agency Data from Surplus Computers* (June 2008), and *State Agency Information Systems: Reviewing the Kansas Health Policy Authority's Management of Those Systems* (August 2008)

STRATEGIC DIRECTION AND OBJECTIVES: Legislative Post Audit doesn't have a strategic direction separate from the Legislature as a whole. Please see the Legislature's IT plan for information on legislative agencies' strategic direction.

Agency Architecture: As a legislative agency, LPA uses Windows XP as its client OS and Novell as its network OS. Steps are under way to convert to MS Active Directory and abandon Novell.

Business Contingency Planning: Post Audit is included in the Legislature's Business Contingency Plan.

Business Process and Workflow Management: Post Audit is involved in the KLISS project.

Collaboration Software: Our principal collaboration software is Groupwise.

Data Storage and Administration: The agency has a data administration policy, and we follow Legislative policy regarding management and storage of data.

As part of our ongoing data mining project, we are acquiring and storing STARS and SHaRP data, Business Procurement Card (BPC) data, and Computer-Assisted Mass Appraisal (CAMA) data, in addition to our own audit data. In fiscal year 2007 we also started receiving and using geographic information system (GIS) data from the Kansas Geological Survey Data Access and Support Center (DASC).

Data Transfer: STARS, SHaRP, BPC, CAMA, and GIS data, as well as other audit data, are stored in online and near-line storage within our agency. Archived confidential data are securely stored offline.

Electronic Records Retention: No planned changes to agency policies on records retention. Branch-wide records retention policies are set by the Legislature.

E-Government: In 2006, INK redesigned our website to make it easier to use. No other changes related to e-government are planned.

End User IT Security Training: We provide end user IT security training to staff annually or as the need arises.

Identity Management: We have no plans to implement electronic signature technology.

IT Disaster Recovery: The Legislature continues to review disaster recovery options as part of its ongoing planning. In fiscal year 2008 the Legislature replaced its tape backup system with a more robust product.

IT Security Staff: Our Information Systems Auditor has been assigned responsibility for IT Security. This individual is not dedicated exclusively to IT Security.

Public Key Infrastructure: None reported.

Service Oriented Architecture: We have no plans to implement PKI.

Technology Infrastructure: LPA's internal network is connected to the Legislature's LAN via the Cox MAN.

Legislative Research Department (Agency #425)

MISSION: The Legislative Research Department provides research and fiscal analysis for the Legislature, its committees, and individual legislators. The Department provides staff for all legislative committees both during the session and the interim, including statutorily-created committees, *i.e.*, Legislative Budget Committee, State Building Construction, and many others. The Legislative Coordinating Council appoints the Director of the Department, approves the budget proposed for its operation, and generally establishes the broad policies under which the Department operates.

SFY 2009 BUDGET: **$3,678,206.00**
SFY 2009 FTE: **40.0**
SFY 2008 IT EXPENDITURES: **$63,343.23**
WEBSITE ADDRESS: **www.kslegislature.org/klrd**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.3	0	.3	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	.7	0	.7	0	1
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	.2	0	.2	0	.1
IT Security	0	.1	0	.1	0	.2
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**1.3**	**0**	**1.3**	**0**	**1.3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	1	1
Virtual Servers	0	0	0
Desktops	0	0	0
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During FY 2008 KLRD continued to work on the Legislature's KLISS project to replace and integrate management of information across the Legislative Branch. In addition considerable effort was expended planning for and accomplishing the move of the Research Department to office space in the basement of the Statehouse and deploying new leased computer hardware for the Department's staff. Information technology tools, skills and functions are integrated into all aspects of the Department's work.

STRATEGIC DIRECTION AND OBJECTIVES: KLRD's strategic direction is to continually improve the Department's support of the Legislature, legislators and legislative committees by increasing the efficiency and effectiveness with which staff use appropriate information management tools for public policy analysis and publication, KLRD's information management resources support the Legislature's Information Technology Plan. During the next three years, KLRD will pursue the following strategic directions and objectives as it implements goals enumerated in that plan:

Agency Architecture: The Department's analysts and clerical staff use personal computers running the Microsoft Windows XP operating system. The Department utilizes the Legislature's network (DISC-supported infrastructure), standard software suite and additional applications designed to meet the Department's unique needs, and the Legislature's document management system.

Business Contingency Planning: See the Legislature's branch-wide three-year plan.

Business Process and Workflow Management: KLRD, is a participant in the development of the Legislative Branch-wide migration to more integrated business process and workflow management. Design of the new business processes and supporting technology is currently underway. Development may begin during the current fiscal year. No major changes of business processes are anticipated until implementation of the new system (estimated to be 2011-2012)

Collaboration Software: The Department utilizes the Novell GroupWise e-mail, and messaging application.

Data Storage and Administration: The most extensive data management change planned for the upcoming several years is migration to an XML-based document production/content management system and away from use of proprietary word processing applications. This migration will move KLRD into a content management environment. The migration for KLRD will be guided by and integrated with similar developments throughout the Legislative Branch. (See the Legislative Branch strategic plan for details.) In addition, the Research Department continues to implement an in-house document production/management work-around to meet some of the Department's needs while awaiting replacement of the Legislative Branch document management system. KLRD continues to maintain a set of geographic and demographic data and to use those data to provide a variety of services to legislators and to the Kansas Department of Education and to prepare for the upcoming redistricting effort. During the period covered by this plan, KLRD will work closely with local election officials to gather political boundary information to update base maps and to provide those data to the Census Bureau as part of the 2010 Census Data Program.

Data Transfer: See the Legislature's branch-wide three year plan. KLRD provides public data on request to legislators, members of the public and other agencies via the Internet, the Legislature's intranet, FTP, hardcopy publications, and a variety of removable media. The scope and method of data transfer is tailored to the request.

Electronic Records Retention: See Legislature's three year plan.

E-Government: KLRD will direct its efforts to development of the new branch-wide, integrated information management application.

End User IT Security Training: Training is provided as part of employee orientation and ongoing support.

Identity Management: No.

IT Disaster Recovery: See the Legislative Branch plan. KLRD can perform most essential functions without extensive computer support, if necessary.

IT Security Staff: KLRD has a staff person who is trained in security practices and procedures, but that person has many other duties.

Public Key Infrastructure: No plan for use of digital signatures at this time.

Service Oriented Architecture: None reported.

Technology Infrastructure: KLRD's infrastructure will be changed in concert with the other agencies of the Legislative Branch. (See Legislature's branch-wide plan.)

Legislative Revisor of Statutes (Agency #579)

BUSINESS PROGRAMS:
Bill Drafting / Publication Data Processing

MISSION: The Revisor of Statutes provides bill drafting and legal research services for all legislators, committees, and the Legislative Coordination Council. In addition, editing and compilation of the content of the Kansas Statutes Annotated and Supplements are the responsibility of this agency.

SFY 2009 BUDGET: **$3,548,603.00**
SFY 2009 FTE: **31.50**
SFY 2008 IT EXPENDITURES: **$84,582.47**
WEBSITE ADDRESS: **http://www.ksrevisor.org/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.15	0	.2	0	.25
Application Maintenance and Enhancement (in-production systems)	0	.2	0	.2	0	.3
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.85	0	.85	0	.65
Data Administration, Data Analysis/Validation and Database Administration	0	.1	0	.1	0	.2
Network Engineering, Technical Management and Support	0	.25	0	.2	0	.15
Computer Operations, Management and Technical Support	0	.3	0	.25	0	.2
Web application development and maintenance	0	.1	0	.15	0	.2
IT Security	0	.05	0	.05	0	.05
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**2**	**0**	**2**	**0**	**2**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	0	0	0
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Revisors Office IT staff continue to support the computer operations of the agency. In the past year IT staff participated in the second phase of a multiyear project to redesign and develop a new integrated legislative system. Phase I involved the identification of the business rules, processes, and requirements of all support agencies of the legislature. Phase II is the design of the system. In particular, Revisor staff participated in development of the lawmaking and statute publication functional design as well as reviewing the design of other areas of legislative support with particular emphasis on integration. We continue to participate in the IS Team function of the three tiered IT governance structure of the Legislature.

STRATEGIC DIRECTION AND OBJECTIVES: The strategic direction of the Office of Revisor of Statutes is included in that of the Legislature as a whole. The details of that direction are included in the IT plan submitted by the Director of Legislative Computing.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: The majority of the documents and data created and processed by the Revisor's Office is stored on the DISC mainframe computers. These documents include bill, amendment, and committee report drafts as well as the current version of all statutes and associated documents. Other storage is provided on the servers and workstations owned by the Legislature and included in the report filed by the Director of Legislative Computing.

Data Transfer: Data which is shared intra agency is done through access to a Novell File Server or through access to mainframe data. This data includes document work products. Some data is provided to other Legislative agencies through transfer to a web server maintained by the staff of the Office of Legislative Computing. Documents shared include legislative drafts which have become public documents after their introduction.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Legislature, Kansas (Agency #428)

BUSINESS PROGRAMS:

Senate
Joint Operations
Legislative Research Department
Legislative Administrative Services
House
Legislative Post Audit
Revisor of Statutes

MISSION: The mission of the Legislature is to exercise its legislative powers within the frameworks of the Kansas and U.S. constitutions for the benefit of the people of Kansas by enacting only that legislation and conducting only the degree of oversight of executive and judicial agencies necessary to carry out that objective.

SFY 2009 BUDGET: **$18,931,225.00**
SFY 2009 FTE: **37.0**
SFY 2008 IT EXPENDITURES: **$2,781,381.59**
WEBSITE ADDRESS: **http://www.kslegislature.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.5	0	1.5	0	0	1.5
Application Maintenance and Enhancement (in-production systems)	0	1	1	0	0	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	2	0	2	0	0	2
Data Administration, Data Analysis/Validation and Database Administration	1	0	1	0	0	1
Network Engineering, Technical Management and Support	3	0	3	0	0	3
Computer Operations, Management and Technical Support	1.5	1	3	0	0	3
Web application development and maintenance	0	0	0	1	0	1
IT Security	.5	0	1	0	0	1
Other IT Functions (please identify)	5	0	6	0	0	7
TOTAL FTEs	**14.5**	**2**	**18.5**	**1**	**0**	**20.5**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	20	20	20
Virtual Servers	0	0	0
Desktops	578	578	580
Desktops Replaced	393	165	N/A
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
Liberty Document Management System
House of Representatives Voting System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The major activity was the continuing implementation of the Legislative Strategic Plan. Actual work on the plan was accomplished by the Information Systems Team (IS Team) and Information Review Team (Review Team). The Steering Committee for the strategic plan is the Legislative Coordinating Council. The implementation is segmented into phases. Phase One was the development of a technical architecture, data model and XML schemas to prototype an integrated information system comprising bill status, bill drafting, calendar, journal and decision support documents (fiscal notes, supp notes etc). Phase Two was the completion of a Fit Analysis to determine the "fit" of a vendor product to the requirements developed in Phase One. Phase Two was completed in FY07.

- Phase Three of the strategic plan is to architect and design the integrated information system, we call the Kansas Legislative Information Services System (KLISS). The project team selected through a competitive selection process a firm named Propylon to assist in the design development. Phase Three began in FY07 and will conclude in September of 2008 (FY09).

- Phase Four will be the software build (coding) phase. The expectation is to contract the build phase immediately after the conclusion of Phase Three. The build phase is projected to take 12 months for the Lawmaking and Bill Status Services, 12 months for Chamber and 12 months for Decision Support documents, totaling 36 months for the complete build out.

- The goal of the Strategic Plan is to create a totally integrated legislative information system to achieve the statewide objectives for rapid web publishing, e-government portals, e-democracy and print on demand services.

- Other projects in the 3 year IT plan are related to the renovation of the State Capitol Building and installing all new network/telecommunications infrastructure. This new infrastructure will allow for the implementation of new IP services over a GB Ethernet network. Many of the IP services will issue from the integrated information system KLISS.

STRATEGIC DIRECTION AND OBJECTIVES: The strategic direction of the Legislature is to develop an enterprise wide, integrated information system (KLISS). The system will have a bill status/calendar centric orientation. Developing an enterprise architecture and integrating back-office functions is the first priority. These back-office functions will be bill drafting, bill status, decision support and chamber automation (calendars, journals, amendments etc). Output priorities will be an expanded e-government portal, e-democracy (K-SPAN, e-town hall, kiosks, message boards etc) and print on demand. The strategic plan contains a level 4 business reference model which documents the increased staffing and technological resources required to implement the plan. The strategic plan covers the Legislature, Legislative Services, Revisor of Statutes, Legislative Research and Legislative Post Audit.

Agency Architecture: The Legislature and its agencies are standardized on the windows platform. Technology is kept current through technology refresh leases of workstations and printers. A new refresh lease will be executed in the fall of 2008 (FY09) for laptops issued to legislators. All workstations are from Dell. The network OS is the latest version of Novell NetWare. However, the latest SIM Plan twilights this technology and forces the Legislature to migrate to a windows network architecture. A project plan for the migration has been prepared and the project will begin in the fall of 2008 (FY09). The technical architecture to support KLISS is being developed. It is anticipated that this work will conclude in September of 2008 and establish the technical architecture the Legislature will use to complete the objectives in the strategic plan. What is known at this time is the move to XML based technology for content management.

Business Contingency Planning: The Legislature already has a comprehensive disaster/business continuity plan. This plan is revised as new systems and processes are developed. The plan is modified as necessary when new threats and preventions are defined. This plan was reviewed by Fishnet in FY 2004. In FY08 a new data center was constructed as part of the Capitol renovation. The new data center is located in one of the facility vaults built for the renovation. This data center was designed by outside consultants and reviewed by the Legislative CITO and Director of Computer Services. The Legislature has hired a data center manager to staff the facility. As part of the design, the equipment in the data center has been designed to be modular and scalable. The data center uses the latest technology and operates at 70% less energy consumption than traditional designs. Additionally, a hot site recovery location for the data center is being designed for the DISC recovery site in Wichita. Negotiations with DISC are underway for site development and space rents. The final implementation will be part of the next Fishnet review.

Business Process and Workflow Management: During the design phase of KLISS extensive use cases and prototypes are being developed. These help the KLISS designers modify workflow and re-engineer processes as the system is being designed. The build out of KLISS will encompass these re-engineered processes in the software.

Collaboration Software: The Legislature presently uses GroupWise for much of its intra-agency collaboration. However, the product has been twilighted by the State's SIM Plan. KLISS when complete will go a long way towards replacing that loss. Content creation and re-use will be handled by KLISS. Workflow and event notifications will be present in KLISS. A replacement email and calendar system for GroupWise has not been identified. A hosted email experiment is planned for the 2009 legislative session. The objective is to see if the Legislature can adequately function on a hosted service. Security and support concerns will be evaluated carefully. A plan for replacing GroupWise will emerge after the 2009 session.

Data Storage and Administration: As part of th KLISS plan data organization, storage, retrieval and archiving is being re-examined. XML technology layered over a SQL database will provide content management. The database will provided meta-data management. The Legislature's document management system will be phased out as the material is moved into the new environment. The early architecture for the KLISS repository outlines a system where each version of a file exists in the repository. A sophisticated addressing methodology notes the file location and can retrieve the file at any time. The meta-data pertaining to the file is kept in a simple SQL database and assists in sorting and searching files. The design is not dependent upon any particular database. The actual file storage is provided by a SAN.

Data Transfer: KLISS will be available and used by all legislators and legislative staff. Public access will be granted through Kansas.gov. Documents will be published in PDF or XML formats. KLISS is being designed to make data available to everyone electronically through a simple browser. Open sources and free access is one of the founding principles of KLISS. A particular browser is not required, any will work.

Electronic Records Retention: The Legislature has a business continuity and disaster recovery plan. That plan speaks to record retention and archiving for the various classes of legislative documents and records. Records of critical and time sensitive nature are kept on active files servers and backed up nightly As the data ages, the data are moved to near on-line resources. Data that are obsolete are destroyed. As part of the KLISS initiative, these criteria will be reviewed again and adjusted if necessary.

E-Government: The Legislature already publishes its public documents through the Kansas.gov e-government portal. There are no plans to alter that. The strategic plan provides for new and expanded e-government services and information resources. The time lag between creation and publication should shorten with the KLISS implementation.

End User IT Security Training: Training for end users in IT security training is provided. The Legislature maintains an active training program administered by a full time trainer and a half time staff assistant. Security training, file backups, records management, and other best practices are taught before each legislative session and refresher courses are offered continuously throughout the rest of the year. In late FY08 Fishnet was hired to test our security training by attempting to compromise random employees. The results of the test were encouraging but not perfect. End user IT security training will continue to receive emphasis.

Identity Management: The Legislature issues credentials to legislators and staff for access to the legislative systems whether wired or wireless. These credentials are managed by administrators who are vetted and trained for the task. Professional staff are granted authority to change their passwords. The Legislature has a policy on creation of strong passwords and professional staff are required to abide by the policy and create strong passwords according to the standards in the policy. Legislators and session staff are assigned strong passwords and do not have the ability to change them. Passwords expire every 6 months and a new one must be created.

IT Disaster Recovery: The Legislature maintains a disaster recovery plan. It will need revision as KLISS comes on line. Plans at this date are to build out in Wichita a hot site capable of performing two tasks...(1) Be the development site for modifications and extensions to KLISS and (2) quickly become the hot site recovery center for the Legislature if needed. The dual purpose for this site maximizes the investment for the Legislature. The development activity ensures that the hardware will be continually exercised and ready. It will not sit idle. The complete production version of the software will be housed there and ready to be loaded if needed. The identical nature of the development activity will ensure that the correct hardware and software is always ready for implementation.

IT Security Staff: The Legislature does not have a single individual with sole responsibility for IT security. Legislative policy provides for the appointment of two security co-administrators. By policy, the Director of Legislative Computer Services is ultimately responsible to see that IT security exists and has the responsibility to implement it. The Legislature's IT governance model shares the risk identification and mitigation responsibility with the Information Systems Team. This team is composed of both IT professionals and agency subject matter experts who look toward the needs and implementation of IT security. There are no plans to change this model.

Public Key Infrastructure: The Legislature's document management system is PKI compliant and the systems proposed in the KLISS strategic plan are designed to be PKI compliant as well. These initiatives are considered necessary to promote the e-government and e-democracy objectives found in the plan.

Service Oriented Architecture: KLISS is being designed as a collection of services grouped into three service classes. These service classes are Lawmaking, Chamber Automation and Decision Support Documents. Within each service class there are many individual services. KLISS is "bill status centric" in that KLISS is based on an Event-Driven Architecture[1]. All legislative assets: bills, chamber items of business, committee minutes, video/audio, etc. are stored in "open systems" file formats in a centralized, versioning asset repository that maintains a complete record of all legislative activity. As assets such as bills are created, modified or moved through workflows, change events are triggered. A variety of auxiliary services watch for change events and take appropriate actions. For example, updating bill status, generating journals, creating PDFs for publication, notifying interested parties etc.

A suite of GUI applications interact with the asset repository. Separate applications are provided for law making, chamber and decision support activities in order to streamline workflows and maintain security and confidentiality. The architecture treats availability as a first class aspect of the model supporting carrier grade operations. The architecture is also COBIT and FISCAM compliant providing comprehensive security and confidentiality within a single, extensible, yet centrally managed framework. It embodies the "no wrong door principle" providing legislators and staff alike with single click-access to information resources in a way that maintains the integrity of the information inter-relationships through time.

Technology Infrastructure: The Legislature is using the Capitol renovation as an opportunity to upgrade the technology infrastructure. This upgrade is being planned to have a 30 year life. The infrastructure, as designed by DISC and outside consultants, will be three tiered and scalable. It consists of a fiber optic backbone, cat 6 wiring drops into offices, and switch rooms on each floor of the Capitol in each wing. A secure wireless component to the network was implemented in FY07. The renovation is being conducted in phases. Phase One was the East Wing which was completed in December of 2006. The West Wing completed in December of 2007. The South and North Wings will be done in 2009 and 2011 respectively. DISC is currently upgrading the network fabric. This will convert the network switching components to CISCO. DISC is designing and planning this work. The Legislature will purchase the switches and pay DISC for management services through the existing SLA between the agencies.

Lottery, Kansas (Agency #450)

BUSINESS PROGRAMS:

Executive
Information Technology
Finance & Administrative Services
Marketing
Sales
Security
Cost of Sales

MISSION: To produce the maximum amount of revenue possible for the State of Kansas while insuring the integrity of all games.

SFY 2009 BUDGET: **$78,069,226.00**
SFY 2009 FTE: **99.0**
SFY 2008 IT EXPENDITURES: **$2,234,604.57**
WEBSITE ADDRESS: ***www.*kslottery.com**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1	0	1	0	1
Application Maintenance and Enhancement (in-production systems)	3	0	4	0	4	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	2	0	3	0	3	0
Computer Operations, Management and Technical Support	2	0	2	0	2	0
Web application development and maintenance	1	0	1	0	1	0
IT Security	1	1	1	1	1	1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**9**	**2**	**11**	**2**	**11**	**2**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	20	6	6
Virtual Servers	N/A	10	12
Desktops	175	100	100
Desktops Replaced	25	25	25
Mobile Devices	56	60	60

SFY 2008 MAJOR APPLICATIONS:
Andersen Consulting Comprehensive Lottery Accounting and Information Management System
MACPAC
Autoship

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: We converted to the new online gaming system with GTech. This involved replacing the point of sale equipment at all retailers using a new satellite network and extensive rework of the Lottery software interface with GTech systems. We worked on the requirements and vendor selection for the Central System for Expanded Gaming.

STRATEGIC DIRECTION AND OBJECTIVES: The Lottery's Information Technology strategy seeks to address the business needs of Lottery players, retailers who stock and sell Lottery products, and Lottery associates, both in headquarters as well as those associated with the Regional Sales Offices.

The needs of the players will primarily be met through ongoing support to the Marketing department as they develop and deploy new games and make enhancements to existing games. Additionally, the Internet site, and associated player's club, enhances communication to the players across the state.

Within the Lottery itself, one of the primary goals has been to make the Lottery a connected organization from headquarters all the way out to the District Managers who wholesale our products to the retail locations across the state.

Currently, the Regional Sales Offices are on the Lottery LAN and use MS Exchange and other products in the office suite, to communicate electronically with the headquarters personnel and each other. During FY06, the District Mangers, and other field staff and management, received Blackberry devices which provides them a cell phone, email, and limited internet browsing capabilities.

During 2001, the Lottery published the Information Technology Security Policy, which was modeled after the Department of Administration Security Policy, and it was distributed to IT and Security Department associates, and members of senior staff. In addition, an abbreviated version entitled An Employee Guide to Using Technology at Work was distributed to all Lottery staff. The Lottery has completed the annual security self assessment the last three years. The Lottery has three IT Security positions, two of which are dedicated to that function.

The Lottery Internet and Intranet sites are continually being revamped to make them easier to use for both the playing public and Lottery associates. The recently completed project to create a "players club" application will result in improved communication with players who choose to participate.

Major platforms in use are IBM iSeries and Dell Wintel servers. We use "Mimix" software to replicate data between our primary and secondary production iSeries machines. Mimix has not been reliable and will be replaced by a more advanced product (iTera). The Windows servers are aging and we plan to replace them this fiscal year, using VMWare technology to reduce the number of physical servers from 17 to 6. The new Windows platform servers will make use of a Storage Area Network and will self-replicate to identical hardware at our offsite data center.

The Lottery has no current plans involving additional collaboration with other state agencies, or additional use of electronic signatures. Electronic records retention is maintained using our normal tape backup retention.

The Lottery plans to continue to upgrade our desktop PCs during FY09. The number of desktop PCs will be reduced substantially once the currently separate external and internal LANs are combined.

The Lottery currently contracts with GTECH Corporation for outsourced services for online game processing and wireless (satellite and radio) communications with the retailers. These contracts both expire June 30, 2018.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Mortuary Arts, State Board of (Agency #204)

BUSINESS PROGRAMS:
Administration & Regulation

MISSION: The mission of the Kansas State Board of Mortuary Arts is to ensure that licensees perform their professional services in a manner providing maximum protection of the health, safety and welfare for the people of Kansas and to inform the public of the laws and options available to them when using the services of a licensed funeral professional.

SFY 2009 BUDGET: **$276,605.00**
SFY 2009 FTE: **3.0**
SFY 2008 IT EXPENDITURES: **$16,234.30**
WEBSITE ADDRESS: **http://www.kansas.gov/ksbma/**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	3	3	3
Desktops Replaced	1	1	2
Mobile Devices	1	1	1

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: We continue to expand the types and amount of information available on the web site. The security system continues to be updated both internally and externally with the assistance of the DISC Small Agency Support Group.

STRATEGIC DIRECTION AND OBJECTIVES: No major changes are anticipated. We continue to consider the possibility of updating the website to allow for payment of license renewals on line with the Information Network of Kansas. The agency continues to work with the DISC Small Agency Support group regarding virus protection and program upgrades–including the agency's data base using the Microsoft Access format. Updates to the web site are done internally with occasional assistance provided by the Information Network of Kansas. Future budget requests will include regular replacement of hardware and software.

Agency Architecture: KSBMA uses a standard fast Ethernet LAN with Microsoft Windows XP clients.

Business Contingency Planning: KSBMA has a worksheet/plan compiled with the assistance of the DISC Small Agency Support Group. A copy of that plan is also maintained off site.

Business Process and Workflow Management: Nothing planned at this time due to our small size. The agency's three desktop computers in the office share information that is accessible to all three (3) employees.

Collaboration Software: KSBMA has accounts on the Small Agency Exchange Server administered by DISC.

Data Storage and Administration: Licensure data is stored on Microsoft Access software database and computer workstations. The size of the database is approximately eight (8) MB.

Data Transfer: Financial data in the form of deposits is provided to the Kansas Treasurer's Office. Licensure information is shared with the Kansas Department of Revenue. Licensure verification is available to the general public on the agency's web site.

Electronic Records Retention: KSBMA continues to work with DISC Small Agency Support.

E-Government: The agency's web site contains lists of approved continuing education programs for licensees along with all laws regulated by the agency. Consumers are able to access names of all licensees, information regarding location, ownership of funeral homes, board actions, proposed regulation changes, pending legislation and informational brochures. The board's rulebook is also available in pdf format, along with links pertaining to regulation and licensure of the funeral profession. KSBMA also plans to work with DISC and Kansas.gov to implement an online license renewal system.

End User IT Security Training: The DISC Small Agency Support Group is our source for basic end-user information.

Identity Management: A digital certificate installed on DISC's Small Agency Exchange Server provides SSL encryption for Outlook Web Access email users.

IT Disaster Recovery: Copies of designated programs are kept off site as is a backup which is compiled on a regular basis.

IT Security Staff: The agency utilizes the DISC Small Agency Support group as well as a number of software programs which are run on a regular basis, including: Office Scan Online, Ad-Aware and Disk Defragmenter.

Public Key Infrastructure: We are currently using a digital certificate to identify the email server and to encrypt email when using *Outlook Web Access*.

Service Oriented Architecture: No such plans at this time.

Technology Infrastructure: The agency has no plans for a technology infrastructure upgrade. Import/export functionality will be added to the agency database to facilitate data exchange for online renewals.

Nursing, Kansas State Board of (Agency #482)

BUSINESS PROGRAMS:
Licensing & Registration

MISSION: Protect the Public Health, Safety and Welfare of the Citizens of Kansas through the Licensure and Regulation Process.

SFY 2009 BUDGET: **$1,854,916.00**
SFY 2009 FTE: **24.0**
SFY 2008 IT EXPENDITURES: **$173,164.32**
WEBSITE ADDRESS: **http://www.ksbn.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.2	0	.2	0	.2	0
Application Maintenance and Enhancement (in-production systems)	.2	0	.2	0	.2	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.3	0	.3	0	.3	0
Data Administration, Data Analysis/Validation and Database Administration	.2	0	.2	0	.2	0
Network Engineering, Technical Management and Support	.3	0	.3	0	.3	0
Computer Operations, Management and Technical Support	.3	0	.3	0	.3	0
Web application development and maintenance	.2	0	.2	0	.2	0
IT Security	.3	0	.3	0	.3	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**2**	**0**	**2**	**0**	**2**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	10	13	14
Virtual Servers	0	0	0
Desktops	27	27	27
Desktops Replaced	8	8	8
Mobile Devices	18	18	18

SFY 2008 MAJOR APPLICATIONS:
Kansas Board of Nursing Database (KBON)
ImageNow Document Imaging and Workflow System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: KSBN is in it's second year of deployment of the web enabled subscription based system in conjunction with Kansas.gov. This system is known as the KANN ✓ (Kansas Automated Nurse Notification). This system allows subscribers which can include hospitals, insurance companies, nursing homes, or anyone who may employ or need to validate eligible status of a nurse in Kansas. The system allows the subscribers the ability to select a list of licensees they wish to monitor the status of the nurse's licensure. This includes when the license goes into Renewal Status, Active Status, Lapsed Status, or have a discipline restriction against their license. This system automatically notifies a subscriber that there has been a change on one or more of their tracking list via email. They can log into the system and get a display list of those licensees's that have a change. This list is color coordinated according to the change and has sorting capabilities. This system has the potential to reduce phone calls to the KSBN office and may reduce the number of unlicensed practice cases and thus patient's safety could be enhanced. To date, KSBN has signed up over 50 subscribers.

KSBN deployed a Document Imaging and Management Workflow System SFY 2005. This system is integrated into our KBON Database System and allows for multi-field non-user entry indexing of information from the KBON System into the Document Imaging System. This system also allows staff single click access to all documents associated with a licensee. Processes that once took 30 minutes or more now take seconds with single click access to all document information. KSBN wanted to import historical document information on licensee's into that system. KSBN had the entire agency's microfilm converted to electronic image and a special project is underway to index all those images to associated licensee records. To date the agency has over 850,000 individual images indexed with associated licensee records.

KSBN completed its fifth year of the Online Education Annual Report System which was established in conjunction with Kansas.gov. This system allows the Nursing School Providers to fill out their yearly annual reports online instead of by paper. The system also pre-populates the information which greatly reduces the time for the schools to file their annual reports in the following years. This year trainings were provided to all Nursing School Providers via a web enabled meeting service. Each school was able to gather in a centralized web environment for consistent visual and audio enabled trainings.

STRATEGIC DIRECTION AND OBJECTIVES: KSBN is mid-way into a major project to convert and deploy a new licensing software platform as the current system has become outdated and we are no longer able to purchase a maintenance agreement. The system will utilize web based interfaces so that some enhancements can de done by IT staff at the agency, thus reducing the cost burden on the agency. The new software will include customizations including all specifications development and review, licensure and enforcement application development and quality assurance activities, as well as legacy data conversion. It also includes online renewal and verification customizations; NCLEX data import interfaces specifications, and training for KSBN staff.

Agency Architecture: KSBN currently uses Windows as its platforms for doing business.

Business Contingency Planning: The agency has made several changes to the network infrastructure. This was done to ensure the agency could function should there be a disaster. This includes placing all network systems into a temperature controlled environment with secured access and having a small offsite facility for disaster recovery purposes.

KSBN currently makes weekly burned images of mission critical data and they are stored offsite. They included detailed instructions on how to restore the data and services should an emergency occur and KSBN IT personnel are no longer available. There are also nightly backups done locally.

Business Process and Workflow Management: None reported.

Collaboration Software: KSBN does utilize some personal data assistants that are available to staff for use in quickly gaining access to important data while offsite or away from KSBN. The agency uses an email server program to provide access to KSBN email services. KSBN acquired a service that allows remote web enabled meetings. This service was successfully used for training the nursing school administrators on the Online Education Annual Report System.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: KSBN is in the process of revising the Records Retention policies with the Electronic Records Board and the Kansas Historical Society.

E-Government: KSBN has aggressively taken steps to move many of its services into the E-Gov arena. KSBN deployed KANN✓(Kansas Automated Nurse Notification). This system allows subscribers which can include hospitals, insurance companies, nursing homes, or anyone who may employ or need to validate eligible status of a nurse in Kansas. The system allows the subscribers the ability to select a list of licensees they wish to monitor the status of the nurse's licensure. This includes when the license goes into Renewal Status, Active Status, Lapsed Status, or have a discipline restriction against their license. KSBN was the first licensure and regulatory agency to develop and remains the only real-time 24 hour a day Online Renewal System in the State of Kansas and one of the few in the nation to do real-time updates. In 2008 around 70% of the licensees renewed via the Online License Renewal System. KSBN completed its fifth year of the Online Education Annual Report System which was established in conjunction with Kansas.gov. This system allows the Nursing School Providers to fill out their yearly annual reports online instead of by paper. The system also pre-populates the information which greatly reduces the time for the school's to file their annual reports in the following years. This year trainings were provided to all Nursing School Providers via a web enabled meeting service. Each school was able to gather in a centralized web environment for consistent visual and audio enabled trainings. The agency as described above in the Strategic Direction section, plans to continue to move other process online and develop new and innovative solutions that provide time reductions to the public and possibly enhance the safety of the citizen's of Kansas.

End User IT Security Training: KSBN does provide IT Security training to its staff. This is done on a regular basis in staff meetings, emails, and the agency intranet. KSBN plans to continue this training for staff. A formal orientation process is required for all new staff which includes an in-depth security component.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: KSBN does have an individual that is responsible for IT Security. This position is not dedicated solely to IT Security, but is part of the IT Department. KSBN is a small agency and due to funds there are currently no plans to have a dedicated IT Security person on staff.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: The agency continuously looks to take advantage of new technologies and is conscious of new security threats that emerge frequently. KSBN also strives to lead the nation by providing online services related to nurse licensure to our Licensees and Educational Institutions. In order to provide these services and to develop new ones, it is essential that the agency keeps its infrastructure current and robust enough to grow with these services. To better serve both the licensee's and the public in general, KSBN is planning to extend the agencies ability to provide online services and to better streamline internal functions by replacing it's outdated licensure database. KSBN is in the process of moving towards an industry standard SQL database. This will allow for more scalable future services as well as have a better documented system for support purposes.

Optometry, Board of Examiners (Agency #488)

MISSION: The Board of Examiners in Optometry shall administer and enforce the provisions of Kansas Optometry Law so that the highest quality of eye care is provided to the citizens of Kansas.

SFY 2009 BUDGET: **$130,411.00**
SFY 2009 FTE: **0.8**
SFY 2008 IT EXPENDITURES: **$1,965.53**
WEBSITE ADDRESS: **http://www.kssbeo.com**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**.1**	**.1**	**.1**	**.1**	**.1**	**.1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	0	0	0
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Board is in the process of developing on-line license renewal with Kansas.gov. It is anticipated it will be complete in the Fall of 2008.

STRATEGIC DIRECTION AND OBJECTIVES: On line license renewal development coordinated with INK was not realized as anticipated in 2006. It is now anticipated that on-line license renewal will be an option for the 2008 renewal season (March-May).

Agency Architecture: The current platform is a stand-alone Windows-based PC using a non-routable IP address. Connectivity to the Internet is provided using network address translation (NAT) through a Cisco PIX 501 firewall. The agency deviates from the State architecture by using a private sector ISP for Internet connectivity. Connectivity to KANWIN resources is accomplished via an encrypted VPN tunnel between firewalls.

Business Contingency Planning: Backup CDs and an internet connection are maintained off site for use in the event of a disaster.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: No plans to change current strategies.

Data Transfer: None reported.

Electronic Records Retention: The primary database is currently stored off site on backup CDs.

E-Government: Forms currently available at the website will be made interactive.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Pharmacy, Board of (Agency #531)

BUSINESS PROGRAMS:

Regulation
Enforcement
Additional Services

MISSION: To ensure that all persons and entities conducting business relating to the practice of pharmacy in this state are properly licensed and registered so as to protect the public's health safety and welfare and to promote the education and understanding of pharmacy related practices.

SFY 2009 BUDGET: **$883,481**
SFY 2009 FTE: **8.0**
SFY 2008 IT EXPENDITURES: **$68,659**
WEBSITE ADDRESS: **http://www.kansas.gov/pharmacy**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)						
Application Maintenance and Enhancement (in-production systems)						
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)						
Data Administration, Data Analysis/Validation and Database Administration						
Network Engineering, Technical Management and Support						
Computer Operations, Management and Technical Support						
Web application development and maintenance						
IT Security						
Other IT Functions (please identify)						
TOTAL FTEs						

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	0	0	0
Desktops Replaced	0	0	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: None reported.

STRATEGIC DIRECTION AND OBJECTIVES: None reported.

Racing and Gaming Commission, Kansas (Agency #553)

BUSINESS PROGRAMS:

Tribal Gaming Operations
Administration Operations
Animal Health Operations
Pari-Mutuel Operations
Gaming Operations
Licensing Operations
Security Operations
Judges and Stewards Support
Legal Support

MISSION: The multimillion dollar racing and gaming industries provide far reaching economic benefits for Kansans. The Kansas Racing and Gaming Commission are dedicated to protect the integrity of the industries through the enforcement of Kansas laws and are committed to preserving and instilling trust and confidence.

SFY 2009 BUDGET: **$17,548,633.00**
SFY 2009 FTE: **119.50**
SFY 2008 IT EXPENDITURES: **$453,400.86**
WEBSITE ADDRESS: **http://kansas.gov/krc**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.50	0	.75	0	.75	0
Application Maintenance and Enhancement (in-production systems)	.40	0	.50	0	.50	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.75	0	1.0	0	1.0	0
Data Administration, Data Analysis/Validation and Database Administration	.35	0	.35	0	.35	0
Network Engineering, Technical Management and Support	.25	0	.25	0	.25	0
Computer Operations, Management and Technical Support	.20	0	.25	0	.25	0
Web application development and maintenance	.30	0	.50	0	.50	0
IT Security	.25	0	.40	0	.40	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**3**	**0**	**4**	**0**	**4**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	6	15	19
Virtual Servers	0	0	0
Desktops	65	112	170
Desktops Replaced	8	17	24
Mobile Devices	2	8	44

SFY 2008 MAJOR APPLICATIONS:
Pari-Mutuel Licensing System
Legal Case Tracking System
Security Program
Animal Safety System
Document Imaging Systems
Gaming Licensing System (KELA)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The major activity is the implementation and completion of a web based licensing system acquired from Iowa. Establishment of a web site on a Windows Server 2003, moving application files to site, setup of security settings, populate the SQL Server database, setup Crystal reports environment and setup of camera and printers for the new system. The agency continues to maintain support for its legacy system while developing the Sequel Server database. The agency also upgraded staff computer equipment at its remote and central offices.

STRATEGIC DIRECTION AND OBJECTIVES: KRGC's strategy is to continue to enhance its new sequel server gaming license system and migrate all pari-mutuel licensing AS/400 applications to its Windows servers. Future plans include the addition of a Gaming Inventory system, Casino Infrastructure, and a financial database system to allow independent gathering of casino data on a real time basis. Plans are also underway to implement a new networking system with the help of the DISC small agency support group and DISC networking personnel.

As KRGC transitions to new environments, disaster recovery plans and security systems will be continually under review for improvements. The agency will also continue its efforts to expand LAN and WAN capabilities while upgrading line speeds for internet connections.

The agency will continue to evaluate its security measures with ITEC Policy 4310. With the expansion of laptop computers KRGC has added data encryption security measures to protect sensitive information that may reside of these computers.

Agency Architecture: KRGC applications are now primarily run on a Windows platform with migration continuing on AS400 applications to Windows.

Business Contingency Planning: KRGC is currently transitioning from its current network and servers to a new network and Window servers in the LSOB. An analysis is being worked on by DISC and KRGC to formulate a Disaster Recovery Plan based on these changes and will be upgraded as changes are implemented.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: Large amounts of data are being created and saved in a digital storage system. The need to access and use this data is continuing to grow. KRGC will continue to monitor and use the best possible practices is dealing with these issues.

Data Transfer: Data is shared through web services, e-mail, web applications, intranet and FTP.

Electronic Records Retention: KRGC is in full compliance with the State Records Retention Board guidelines.

E-Government: In 2008, the KRGC made significant changes to provide expanded web access to the public, businesses, and government agencies for fast efficient electronic access.

End User IT Security Training: Information on alerts and security issues is provided to users thru e-mail. Mandatory security training is being looked at.

Identity Management: KRGC is not currently using digital certificates for identity management.

IT Disaster Recovery: KRGC is currently working with DISC small agency support in updating the disaster recovery plan. KRGC recently purchased space in the LSOB for its primary servers and space at the Historical Museum for offsite backup.

IT Security Staff: KRGC has an employee who is responsible for IT Security, but is not exclusively working on IT Security.

Public Key Infrastructure: KRGC has very limited usage of electronic signatures and would be interested in digital certificates for data and email encryption.

Service Oriented Architecture: None reported.

Technology Infrastructure: KRGC plans to complete the off-site moves of servers to the LSOB and Historical Society. The AS/400 migration should be completed in the near future and the complete overhaul of the networking infrastructure.

Real Estate Appraisal Board (Agency #543)

BUSINESS PROGRAMS:
Appraiser Database
Application Database

MISSION: To license and certify real estate appraisers and ensure that licensed and certified appraisers comply with the Kansas State Certified and Licensed Real Estate Property Appraisers Act and the Kansas Real Estate Appraisal Board rules and regulations.

SFY 2009 BUDGET: **$324,959.00**
SFY 2009 FTE: **2.0**
SFY 2008 IT EXPENDITURES: **$10,358.16**
WEBSITE ADDRESS: **http://www.kansas.gov/kreab**
IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	4	4	4
Desktops Replaced	0	2	2
Mobile Devices	8	10	10

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Agency moved from sending paper agendas and all attached documentation (several hundred sheets per item) to scanning the documents and sending them on a CD. Board members were provided with a laptop computer and all meetings are close to paper free.

STRATEGIC DIRECTION AND OBJECTIVES: It is the goal of the Board to present all current agency information (forms, licensure information, regulation changes, newsletter, proposed ASB changes, etc.) on the Board's web site and to work toward on-line interactive processes for applications and various licensing functions.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: Agency has no plans to change the management and storage of data over the next three years.

Data Transfer: None reported.

Electronic Records Retention: Agency is currently researching costs to convert existing paper records to electronic.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: No plans in the future to have a dedicated IT Security position.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Real Estate Commission (Agency #549)

BUSINESS PROGRAMS:

Licensure Regulation
Approval

MISSION: To protect the public interest and to promote the understanding of real estate activities of salespersons and brokers by licensing only individuals who qualify for licensure by examination, ensure that broker applicants have adequate real estate or related business experience and ensure that licensees meet continuing education requirements. KREC also protects the public interest by providing oversight of licensed activities conducted by real estate salespersons and brokers through investigation of complaints that are under KREC's jurisdiction and by auditing broker records and brokers' trust accounts.

SFY 2009 BUDGET: **$1,103,162.00**
SFY 2009 FTE: **15.0**
SFY 2008 IT EXPENDITURES: **$108,797.31**
WEBSITE ADDRESS: **www.kansas.gov/krec**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	3	3	3
Virtual Servers	0	0	0
Desktops	6	14	14
Desktops Replaced	6	7	7
Mobile Devices	5	11	10

SFY 2008 MAJOR APPLICATIONS:
Auditors' Trust Account Program (PCF-7)
Real Estate License Systems (RELS)
Stellant Document Management Storage System (Accorde)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: KREC staff scans and indexes licensee records on 2-3 times per week for storage in the Stellant (Accorde) electronic storage database system. Staff can retrieve electronically stored records from each of the PC's located in the Topeka office.

The on-line renewal process was launched in June of 2007. The online renewal program was designed to automatically update the licensing database on a daily basis. In addition, a document generated from the on-line renewal process for each renewed licensee is automatically filed in the electronic storage database system. Approximately 30% of licensees renewed online during FY 2008.

KREC initiated paperless Commission meetings at the beginning of FY 2007. Laptops were purchased for the commissioners and the executive director. A CD containing the agenda and packet of materials to review for the meeting is mailed to the commissioners prior to the meeting. A new CD that includes any additions to the agenda is given to the commissioners the day of the meeting, and the old CD is run through a cleaning program and reused for the next meeting. DISC Small Agency Support worked with KREC staff to establish a template for the agenda so that a link is created from each agenda item to the scanned documents for that particular agenda item. The commissioners have been very pleased with the transition to paperless meetings and it saves paper, staff time copying documents for the meeting, and mailing costs. The only issue that has not been resolved with the transition to a "paperless" meeting is that a program has not been found that works well enough for the commissioners and executive director to easily make notes on the electronic image in preparation for the meeting.

Webelan updated the licensing database as requested during FY 2008 to meet the changing needs of the agency. Webelan also converted all the remaining reports in the licensing system that used Crystal Reports and converted them to SQL Reports because of obsolescence. Programming changes were made because of a legislative change that eventually deleted the temporary salesperson type of license over a nine-month transition period. Dual systems of licensing salespersons were processed by the licensing system while the temporary salesperson license was being phased out. Also, programming changes were made to the licensing system to allow KREC staff to function more independently by setting up the ability for staff to transmit and receive encrypted data to and from INK as needed by using an automated program rather than calling for assistance when an error occurred in the transmission of data for the online renewal, license verification and CEU verification programs.

A plan and business rules were established for replacement of an obsolete program used by the auditors to audit brokers' trust accounts. The replacement program will use Microsoft technologies that are compatible with the licensing system.

A plan was also established for extending information that is available online to consumers and licensees by working with DISC Small Agency Support to locate a vendor that would host a website for a searchable company roster feature. KREC had been unable to obtain programming services from INK to

complete the project in a reasonable time period. DISC Small Agency Support did the programming for the project. A person will be able to link to the company roster search from KREC's homepage. No data that contains confidential information will be transferred to the private vendor that hosts the website for the company roster search and data that is transferred will be encrypted. The availability of the private vendor's website may allow KREC to expand some of the online services it offers to licensees and consumers.

STRATEGIC DIRECTION AND OBJECTIVES: The SQL Server database used for the licensing system will support the agency's needs for many years because it has plenty of growth potential and is compatible with other Microsoft technologies. Webelan designs any enhancements to the licensing system, as needed. However, Webelan has advised KREC that support for VBv6 is no longer available, which may require that the licensing system be replaced with a Microsoft web-based program at some point in the future. Webelan does not believe the licensing system is currently at any significant risk and replacement of the licensing system should be considered at a time when a significant programming change is being considered. The VBv6 was used to set up the business rules and the visual screens for the licensing system. A web-based program would greatly enhance the capabilities of the current licensing system. Careful planning would have to be made as part of the conversion process to determine whether there are functions being performed by staff that could be handled differently.

PCs and laptops will continue to be updated on a three-year cycle. Servers are updated on a four-year rotation cycle.

The agency will continue to consult with DISC Small Agency Support, Webelan and INK to offer improvements to KREC's web site. All forms, statutes, regulations and guidelines are currently available on KREC's web site. Renewals can be processed online. Applicants can check online on the status of their criminal history background check to minimize the calls to staff. KREC will continue to explore whether other services can be offered online.

The concerns regarding disaster recovery have been reduced with the purchase of the electronic storage database system. The SQL Server licensing database and the electronic storage files of current licensees are backed up nightly on an external hard drive. A full backup is prepared weekly and kept off site. Software updates for the electronic storage system and the scanner/reader for the microfilm will be obtained in accordance with the contract for annual maintenance. There are a significant number of records of past licensees that are still maintained on microfilm. The cost of converting to electronic format the records of licensees who were expired for more than two years when the Accorde system went online was substantial; therefore, those old expired records are kept on microfilm and are converted to electronic format only if the former licensee seeks re-licensure.

Agency Architecture: KREC utilizes SQL Server and VBv6 for its licensing data. The software for the licensing database was developed by Webelan to meet KREC's specific needs. KREC does not envision changing to a different type of licensing system in the next three years unless a large programming project arises that would make it cost effective to invest in a Microsoft web-based program to replace VBv6. Webelan has evaluated the risk to KREC because of the recent decision by Microsoft to longer support VBv6. Webelan does not believe that the risk is significant at this time. All of the business processes, including license applications, renewals, registering companies, changing licensee and company information, fee collection and accounting, reporting, tracking audits and violations are functioning and no problems have occurred with updating the system. The on-line renewal process and the electronic storage system interface well with the SQL Server database.

Plans have been established to replace an obsolete program that the auditors use to audit brokers' trust accounts. The program will use Microsoft technologies that are compatible with the licensing system.

Business Contingency Planning: KREC does not have a published Business Contingency Plan, but KREC has formulated contingency plans in the event of a disaster. Except for the pending licensing requests that are being processed or those that are pended for additional information, licensing records of current licensees are scanned and stored in the electronic storage database 2-3 times per week. Nightly backups of the licensing database and the electronic storage database are kept on an external hard drive and placed nightly in a fire safe and a weekly back up is stored off-site. Any records maintained in paper format, such as disciplinary records that have not yet been converted to electronic format, could not be recovered. Pending disciplinary files that are currently being worked are in paper format and would need to be recreated by recovering correspondence that is available on KREC's hard drive stored offsite and contacting complainants, attorneys, licensees and witnesses for documents and information. Consideration could be given to scanning information into a PDF folder as a disciplinary file is being worked if careful consideration is given to retention policies. Due to the cost of conversion of microfilm records to electronic format, the records of past licensees remain in microfilm jackets. These microfilm jackets could be destroyed in the event of a disaster. However, the cost of duplicating the many thousands of images does not appear to be cost effective in light of the limited number of times staff reviews the microfilm to respond to a licensing inquiry. KREC has compiled a vendor information sheet to contact vendors that is stored offsite to make it easier to replace necessary items, such as computer hardware, software and office supplies, in the event of a disaster. The Landon State Office Building also has a computer center available in the event a disaster does not affect Landon State Office Building or several state agencies.

Business Process and Workflow Management: KREC does not anticipate that a business process or workflow management program would be of any benefit for the types of services that KREC provides for consumers and licensees.

Collaboration Software: The large majority of intra-agency collaboration is handled through e-mail and KREC's web site is linked to the State's home page. KREC transfers data to INK on a daily basis to run applications that benefit our licensees and members of the public, including the online renewal program that allows licensees to pay by credit card or electronic check through Kan-Pay. KREC staff meets periodically via the web with representatives from the vendor that administers the licensure examination for salesperson and broker applicants.

Data Storage and Administration: Licensure records of those licensees who were not expired for more than two years when the Accorde electronic storage system was purchased in 2004 were converted to electronic format. It was not cost effective to convert the microfilmed records to electronic format of those licensees that had been expired for than two years. If a past licensee happens to apply for re-licensure, staff will scan the microfilm records into the electronic storage system at the time of application. All licensure records are scanned and indexed after processing.

Disciplinary records are largely still maintained in paper format. Staff has converted old consent agreements to electronic format for storage purposes. Plans are to continue the process by scanning the agency order(s) from the docket files into the electronic storage system. However, the project will be time consuming and, until it is completed, many of the disciplinary records that are maintained in paper format could not be recovered. Disciplinary files that are pending would be vulnerable to a disaster because they are maintained in paper format and significant work would be needed to recreate the documents and information.

Data Transfer: Licensee, company, and continuing education data is encrypted and transmitted on a daily basis to INK for the online renewal project, CEU verification project and licensee verification projects. Demographic information for companies and licensees affiliated with each company will be encrypted and transmitted on a daily basis to 1&1, a private vendor, for the company roster project. KREC posts the status of KBI/FBI fingerprints and criminal history checks on the website by exporting data from an excel spreadsheet on a daily basis so that applicants are able to check whether their background check has been completed and license application

has been received. The outcome of the criminal history report is not published. KREC will continue to explore other services that can be offered online but is hampered by the availability of programming time through INK. When KREC converts the licensing system to a web based program, careful planning will be made how access to the database can be given securely to regular business partners, such as schools that submit continuing education rosters, to ease the workload of staff.

Electronic Records Retention: KREC has no plans at this time to delete licensee or company records that have been stored electronically.

E-Government: KREC has attempted to design its web site to provide information to members of the public and licensees in a user-friendly format. Information about KREC, licensing forms, agency guidelines and statutes and regulations have been available on-line for several years. Since 2004, consumers and members of the industry can go on-line to check the licensure status of a real estate salesperson or broker, and licensees have on-line access to review their continuing education hours to determine whether they have met the requirements for renewal. The CEU verification advises a licensee how many hours and what type of courses are needed for renewal. Occasionally there is confusion because a licensee misreads the results as “hours taken” instead of “hours needed”. KREC will look at this issue to see if any improvements can be made when the system is converted to a Microsoft web based program at some point in the future. KREC has no immediate plans to resolve this problem because the programming costs would be significant and the problem is not significant.

Online renewals became available in June 2007. Approximately 30% of licensees renewed their licenses online during FY 2008, the first year the online program was available. Also, in July of 2007, KREC began exporting data from an excel spreadsheet to allow applicants to check online on the status of their criminal history checks conducted by the KBI and FBI that are required by statute for original licensure applications submitted after July 1, 2007. In FY 2009, KREC contracted with a private vendor, 1&1, to host a website so that KREC could make available online a searchable company roster. KREC had been unable to go through INK and complete the project in a timely fashion. The ability for KREC to offer additional services to the consumers and licensees that require the transmission of any confidential data will be hampered because of the inability to obtain programming services from INK within the next year.

Although the availability of providing the online renewal, CEU verification, licensee verification, background check, and company roster services online may reduce staff phone calls and the online renewal process may reduce data entry work, the reduction would not be significant enough to eliminate a staffing position. Although the licensee verification and CEU verification have been available online for approximately four years, the number of phone calls from licensees has remained fairly steady. In addition, the number of licensees has increased by about 2,500 persons since the verification programs were implemented in 2004. Consumers benefit from the licensee verification feature to determine whether a person is licensed, and whether a licensee has any record of disciplinary action that resulted in a suspension or revocation. The site also benefits consumers by including information about how to file a complaint and how to access the Real Estate Revolving Recovery Fund.

INK did not charge for programming to set up any programs that have been implemented, but KREC did incur programming costs to modify its licensing database to accommodate the projects and to automate the transmission of data. INK receives a convenience fee from users of the online renewal system.

End User IT Security Training: KREC does not provide end user IT security training. KREC staff follows recommendations provided by DISC Small Agency Support.

Identity Management: KREC and INK encrypt the data that is transferred back and forth for the online renewal, CEU verification, and licensee verification processes using a public and private key infrastructure. Both the online renewal project and the CEU verification require that licensees input their license number and last four of their SSN before being allowed to enter the program.

IT Disaster Recovery: KREC does not have a published IT Disaster Recovery Plan, but staff has been studying ways of addressing contingencies in the event of a disaster. KREC would utilize any daily and weekly back ups that are stored offsite to recover data lost during a disaster. Hardware lost during a disaster would be replaced as soon as possible utilizing State purchasing procedures. Employees would work from home until a suitable alternative site could be located. Mail, fax, and phones would be diverted to alternative locations. KREC has compiled contact information for regular vendors, which is stored offsite. KREC would also make use of the computer center at Landon State Office Building if a disaster affected only KREC.

IT Security Staff: KREC does not have a staff person who is responsible for IT security. DISC Small Agency Support assists KREC with any IT security issues. KREC is a small agency and it is not cost-effective to hire an IT staff person. DISC Small Agency Support personnel have been very responsive to KREC's needs.

Public Key Infrastructure: KREC uses electronic signatures in several of its online services where the person indicates "I agree" or "I disagree". For example, electronic signatures are used for the online renewal, licensee verification, CEU verification and company roster programs. KREC accepts faxed or scanned documents that have been emailed to process license and education forms. KREC does not currently have plans to use digital signatures.

Service Oriented Architecture: KREC will continue to explore ways of making information, documents or services available on its website for licensees and consumers. Certain requests cannot be processed online because of the documentation that must be submitted with a request. Other projects may be considered as programming time with INK becomes available.

Technology Infrastructure: KREC has been apprised by Webelan that Microsoft stopped supporting VBv6, which is the program that was used to design the screens and set up the business rules for KREC's licensing system. Webelan has evaluated this development and does not believe the failure to support VBv6 puts KREC's licensing system in any significant risk of failure. All aspects of the business processes are functioning properly and updates have gone smoothly. It is a SQL Server database. Webelan estimates the cost of converting the licensing system from VBv6 to Microsoft web based will be in the $100,000-$150,000 range. Webelan suggests that KREC consider making the conversion when a major cost driver occurs, such as a legislative change or a major programming change is needed that would be very expensive to implement, which would make the conversion cost effective to implement at that time rather than making changes to obsolete code.

KREC replaces hardware on a rotating 3-4 year replacement cycle and ensures that maintenance and software contracts are kept up-to-date.

Retirement System, Kansas Public Employees (Agency #365)

BUSINESS PROGRAMS:

Operations
Investment-Related Costs
Public Employees Retirement Benefits

MISSION: The Kansas Public Employees Retirement System, in its fiduciary capacity, exists to deliver retirement, disability and survivor benefits to its members and their beneficiaries.

SFY 2009 BUDGET: **$57,057,166.00**
SFY 2009 FTE: **88.25**
SFY 2008 IT EXPENDITURES: **$3,837,268.00**
WEBSITE ADDRESS: **http://www.kpers.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	2	1	2	1	2	1
Application Maintenance and Enhancement (in-production systems)	1.5	0	1.5	0	1.5	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.75	0	.75	0	.75	0
Data Administration, Data Analysis/Validation and Database Administration	1	0	1	0	1	0
Network Engineering, Technical Management and Support	2.8	0	2.8	0	2.8	0
Computer Operations, Management and Technical Support	.2	0	.2	0	.2	0
Web application development and maintenance	.5	0	.5	0	.5	0
IT Security	1	0	1	0	1	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**9.75**	**1**	**9.75**	**1**	**9.75**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	25	20	10
Virtual Servers	4	8	10
Desktops	172	180	180
Desktops Replaced	25	48	45
Mobile Devices	6	6	6

SFY 2008 MAJOR APPLICATIONS:
Contribution Reporting System
Payroll and Accounting Interface
Employer System
Membership System
Optional Group Life Insurance (OGLI) System
Retirement Application System
Employer Remittance
Optional Group Life Insurance (OGLI)
Member Web Portal
Call Log

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: KPERS administers three statewide pension groups: the Kansas Public Employees Retirement System, the Kansas Police and Firemen's Retirement System, and the Kansas Retirement System for Judges. The Information Resources Division provides and supports the automated business systems required to meet the needs of these pension groups. In fiscal year 2008 KPERS initiated three new projects; Disaster Recovery, Platform Consolidation, and Security enhancements and entered the enhancement phase of the KITS project. Key KITS enhancements completed include employer web remittances, and optional group life insurance self service. Initiated enhancements include a Member Web Portal and Call Center integration. KPERS replaced its UPS system, deployed numerous security enhancements and began the task of mirroring KPERS data to an alternate location.

STRATEGIC DIRECTION AND OBJECTIVES: KPERS' general strategy is to continue to work towards enhancing its new pension administration system to meet the needs of our members, employers, and KPERS staff. Plans include implementing a disaster recovery plan that incorporates a hot site and mirrored data, enhancing internal and external security, and migrating all applications from the AS/400 to Windows servers. KPERS continues to review and revise its security systems to address the constantly changing environment.

Agency Architecture: KPERS applications are currently split between windows and AS/400 platforms. KPERS is in the process of migrating its remaining AS/400 applications to the windows platform.

Business Contingency Planning: KPERS Business Contingency and Disaster Recovery Plan is composed of a number of sections that document resources and procedures to be used in the event of a disaster. A vulnerability analysis was performed to review the various threats that can lead to an emergency situation or disaster. KPERS focused its resources for the types of emergencies identified. KPERS Business Contingency Plan will be updated continually.

Business Process and Workflow Management: KPERS re-engineered its business processes and implements passive workflow as part of the KITS project. KPERS will be submitting a project to implement active workflow.

Collaboration Software: KPERS plans for collaboration software are on hold until completion of the statewide FMS project.

Data Storage and Administration: Providing this information in a public could compromise KPERS data security.

Data Transfer: Providing this information in a public document could compromise KPERS data security.

Electronic Records Retention: KPERS is in full compliance with the State Records Retention Board guidelines. KPERS does not delete any records.

E-Government: E-government initiatives will continue to be implemented over the next three years. KPERS' new replacement system will facilitate the flow of information between KPERS and employers/members via web portal interfaces.

End User IT Security Training: KPERS provides end user IT security training at quarterly staff meetings.

Identity Management: KPERS has a security enhancement project. KPERS' Security Project has four major components: 1. Security Assessment including an architecture and design review, a secure application architecture review, a native application security review, a host level security review, an application security assessment and a security product review and recommendations. 2. Log on Controls including three factor identification for employers, key fob identification for employers, and three factor identification for members. 3. Application Security including integrating security recommendations into KITS, and implementing appropriate infrastructure and software to secure KITS. 4. Intrusion Prevention / Detection including implementation of security recommendations and implementation of software and infrastructure to make intrusion more difficult and to immediately identify intrusions should they occur.

IT Disaster Recovery: KPERS disaster recovery plan is an integral part of its broader Business Contingency Plan (see above). Crisis teams have been identified and checklists have been provided to team leaders to minimize the impact of the disaster and ensure recovery procedures are followed. The Disaster Recovery Plan will be updated continually. KPERS currently is involved in a Disaster Recovery Project. KPERS' Disaster Recovery Project has two major components: 1. Internal processes involves backing up over the fiber network utilizing an enterprise level backup or imaging solution. 2. Hot site involves locating or utilizing servers at a determined hot site to receive replicated data from KPERS primary servers. The combination of these two components will provide KPERS continuous uptime in the event of a man made or natural disaster.

IT Security Staff: KPERS has an employee who is responsible for IT Security. The individual is not dedicated exclusively to IT Security.

Public Key Infrastructure: Providing this information in a public document could compromise KPERS data security.

Service Oriented Architecture: None reported.

Technology Infrastructure: KPERS will continue to upgrade the infrastructure to improve throughput, efficiency, security, and reduce costs. Upgrades to the KPERS uninterruptible Power Supply (UPS), Storage Area Network (SAN), Ethernet switches/wiring, and the continued upgrades to security have been completed or are underway.

Revenue, Department of (Agency #565)

BUSINESS PROGRAMS:

Administrative Services
Tax Operations
Motor Vehicles
Alcoholic Beverage Control
Property Valuation

MISSION: Kansas Department of Revenue collects taxes and fees, administers Kansas tax laws, issues a variety of licenses and provides assistance to Kansas citizens and units of government.

The Kansas Department of Revenue is committed to hard work every day for the people of Kansas; to treat our taxpayers, our employees, and each other with respect; to conduct business with integrity, fairness and civility; and to be held accountable for our efforts. We will collect taxes and fees, fairly, cheerfully, accurately and efficiently.

SFY 2009 BUDGET: **$98,181,488.00**
SFY 2009 FTE: **1,096.00**
SFY 2008 IT EXPENDITURES: **$8,422,030.92**
WEBSITE ADDRESS: **http://www.ksrevenue.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.5	1	1.5	1	1.5	1
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	60.75	0	60.75	0	60.75	0
Data Administration, Data Analysis/Validation and Database Administration	8	0	8	0	8	0
Network Engineering, Technical Management and Support	24	0	24	0	24	0
Computer Operations, Management and Technical Support	17	0	17	0	17	0
Web application development and maintenance	10	0	10	0	10	0
IT Security	3	00	3	0	3	0
Other IT Functions (please identify) Project Management, Research Analysis, Outside IS	9	0	9	0	9	0
TOTAL FTEs	**133.25**	**1**	**133.25**	**1**	**133.25**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	180	206	206
Virtual Servers	0	3	3
Desktops	1781	1652	1469
Desktops Replaced	319	3000	300
Mobile Devices	403	440	440

SFY 2008 MAJOR APPLICATIONS:

Strata – ADA (Decision Analytics)
Taxpayer Registration System (TRS)
Minerals Tax
Vehicle Information Processing System (VIPS)
Accounts Receivable Management System (ARMS)
Deposit Control Processor (DCP)
Computer Assisted Mass Appraisal (CAMA)
Channel Management System (CH)
Income Tax (ITAX)
Withholding Tax
Corp/Privilege Tax/Franchise
New Kansas Apportioned Registration Data Systems (KARDS)
DBSwitch
Electronic Hiring Information and Recruitment system (E-HIRe)
Kansas Driver License System (KDLS)
Alcoholic Beverage Control (ABC)
Telefile
Inheritance Tax
Kansas Vehicles Inventory System (KVIS)
Excise Tax
Motor Fuel Tracking System
International Fuel Tax Agreement (IFTA)
ASTRA Case Sub-System (ACSS)
Sales Tax (SA)
Audit Work Papers (AWP)
VcViewer
DocTMU
TMU
Third Party Collections
Reference Application
ATP Batch and ATP Channel Batch
Batch application for Treasury Offset

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Kansas Department of Revenue continued to show strong growth in the areas of eCommerce initiatives, Electronic Business Development, Continuity of Operations Planning and Disaster Recovery, Security Policy and Procedure refinements, and Technology Infrastructure development.

KDOR continues to strive to maintain the availability of mission critical application systems through the appropriate deployment of technology. During FY 2008 upgraded and enhanced an online application that was implemented in 2007 to provide employers the ability to e-file their employees W2 and other payroll information. 2008 was the second year this application was available and will be the vehicle used for yearly reporting by employers. This allows KDOR the ability to receive the electronic filing of several million documents yearly related to withholding and payroll taxes and the allowing KDOR the capability to review these documents and identify under-reporting and non-filing of withholding taxes.

During FY 2008 KDOR continued to enhance the E-HIRe system. This is an electronic workflow administrative application for KDOR managers and supervisors to use to manage the hiring process. This system was implemented in 2007, enhanced in 2008 and has one phase left for screening, interviewing selection, and notification that will be completed in FY2009. To assist with the interview process an interview question database of approved questions is available. Additionally the E-HIRe system will automate the screening and scoring processes. After the hiring team has selected the candidate to fill the position, E-HIRe system will generate automated letters to the selected candidate and to those not selected for the position.

The CAMA Orion project continued with KDOR successfully deploying hardware, software and conversion data to 10 beta counties in FY2006. In FY2007 KDOR built a centrally hosted computing facility to pilot out the capability of counties that do not wish to host the application in their counties. These centrally hosted facilities are providing the CAMA/ORION application to the Counties as SaaS (Software as a

Service). This environment has been established in the ISC Data Center in Topeka, Ks. In FY2008 KDOR worked with a number of counties both hosted and stand alone to implement the new CAMA Orion application in production for 21 Counties. There are 42 Counties in a stand alone or centrally hosted testing environment. During the third and fourth quarter of 2008 and first quarter of 2009 KDOR is working with an additional 19 counties for implementation in the hosted computing site in Topeka. KDOR is expecting to complete the final roll out of the CAMA Orion application to all 105 Kansas Counties by 2011.

KDOR continues to provide leadership in the national tax community through its participation in the Streamlined Sales Tax Project and with its partnership with the Internal Revenue Service to implement the new Federal/State Corporate Income Tax, Partnership, Fiduciary, and then the replacement of Federal/State Income Tax System electronic filing application. IN FY2007 KDOR was one of the first states to implement the new FED/State Corporation and FED/State Partnership electronic filing applications. Both of these applications are in production and KDOR is receiving thousands of returns in the new FED/State Modernized E-File platform that is built on the Internet, SOAP, WEB Services, and XML data exchange standards.

The development and implementation of in-house classroom training on Information Technology Security procedures has helped to insure that all KDOR associates are aware of their responsibilities concerning data and information security. The regular review of KDOR technical security procedures and architectures has enhanced the awareness and focus of KDOR Information Technology staff on the components of IT Security. This training is now available after the first instructor led iteration at the KDOR associates desktop in computer based training curriculum and is a yearly requirement for all employees. KDOR has sought to address a critical vulnerable area with the implementation of automated server driven Operating System security updates for all desktop computers on the KDOR WAN.

In 2006 legislation was passed that stipulated that the courts send the Division of Vehicles its Minor Conviction, Major Convictions, Suspensions and Reinstatements electronically. KDOR implemented a web based reporting system for the 407 courts around the State of Kansas to electronically submit their information to KDOR's Motor Vehicle Driver Control. This system meets AAMVA requirement that as of 10/1/2008 a convicting state must report a conviction for federally mandated offenses to the state of record within 10 days of the conviction.

KDOR continues to meet the challenge of modifying application systems to meet the requirements of legislation and policy mandates. Successful deployment of all required legislative and policy changes insure that KDOR Taxation, Audit, Property Valuation, Motor Vehicle, and Alcoholic Beverage Control systems continue to provide reliable and accurate processing to meet the KDOR agency mission.

The Kansas Apportioned Registration Data System (KARDS) system was implemented in production during 2008 and replaced and the federally mandated Performance and Registration Information Systems Management (PRISM) requirements added in this project. The KARD system supports the administration of the International Registration Plan (IRP) apportioned commercial vehicle registration program. Authority for these responsibilities is outlined in Kansas Statutes K.S.A. 8-1, 100 through 8-1, 123a. The IRP program is a multi-jurisdiction reciprocity agreement that provides one-step interstate registration for interstate motor carriers. The program is responsible for the apportioned registration of commercial vehicles operating on the highways of Kansas and used in interstate commerce. The KARD system is an Intel Based cluster environment supported by web enabled front end applications and xml soap based web services. This project replaced KAIR with a web-based solution for truck registrations, known as the Kansas Apportioned Registration Data System (KARDS).

In summary KDOR implemented all or portions of two large KITO reported projects during FY2008. These two reported projects include the CAMA Orion implementation and the KARDS IRP and PRISM system for Commercial Vehicles. In addition KDOR implemented the information system changes required by twelve pieces of legislation from the 2007 Kansas Legislative session and twenty three business partner projects which require support and resources from the Bureau of Information Services but do not have outside funding

or a level of effort that requires KITO project approval. These business partner projects are designed and prioritized by the Business units and typically are of short duration with medium to complex difficulty.

STRATEGIC DIRECTION AND OBJECTIVES: The Information Services Bureau of the Kansas Department of Revenue coordinates all Information Technology investments and application development with the KDOR business and management processes to insure that the agency business priorities and mission are accomplished. KDOR Information Services participates in the KDOR Management Council and Business Division planning meetings, as well as participating in Legislative Initiative planning. The KDOR Balance Scorecard is used to define and measure progress on enterprise Information Technology initiatives as a component of the overall KDOR business plan.

Over the next several years the Kansas Department of Revenue will continue to migrate enterprise business application systems from mainframe legacy systems to distributed systems using UNIX and Windows systems and relational database architectures. PowerBuilder, Lotus Notes Development tools, and Microsoft Visual Studio Suite .net application development tools are being used in conjunction with Oracle and Microsoft SQL server databases to form the base for future application development.

The KDOR Information Technology initiatives for the next three years include: The implementation of The Orion CAMA system in approximately fifty additional counties in stand alone mode and in a centrally hosted environment located in the DISC Data Center. The DMV Modernization Project has been approved and funding has been provided. KDOR is currently setting up the Project Management Office and preparing the RFP to acquire and implement replacement systems for Dealer Licensing, KVIS, KDLIS, and VIPS. KDOR plans to have a vendor selected and under contract to begin work in the 3rd quarter of FY2009. The Motor Carrier PRISM application (KARDS) has been deployed to production. The Secretariat Audit Bureau has decided to enhance the KDOR Audit Work Papers Product versus replacing with COTS software. Additionally, KDOR plans to migrate FileNet for the Motor Vehicle @Work to Magnetic Storage and Retrieval (MSAR) over the next two years.

Agency Architecture: Current and planned future KDOR Information Technology projects are in compliance with the State of Kansas Architecture. In-house development and vendor supplied technologies are selected and implemented in accordance with the standards of the State Architecture.

Business Contingency Planning: KDOR Internal Audit will facilitate and coordinate the updating of the KDOR Business Continuity Plan. The KDOR Business Continuity Plan includes the IS detailed technical disaster recovery plan and also the Business Contingency Plans for each of the KDOR business units. KDOR will continue to coordinate with DISC Continuity Planners for the annually scheduled hot-site testing at SunGard in Chicago. In conjunction with DISC, KDOR will test the recovery of priority systems. Additionally, KDOR also treats unforeseen system outages (e.g. power, network, files) as unplanned tests of our contingency plans.

KDOR is also participating in the use of the Offsite Data Center and has reserved space there for future deployment of midrange and server-based systems for backup and contingency operations.

Business Process and Workflow Management: KDOR currently uses Lotus Notes custom applications to manage workflow for KDOR administrative processes in Purchasing and Human Resources. Tax processing workflow is managed with KDORs' ASTRA Tax Processing software which manages the lifecycle of tax accounts from registration through tax and revenue processing to audit and collections processing as necessary. Document workflow is managed using FileNet imaging technology with custom developed applications to manage workflow queuing and document identification and indexing activity.

Collaboration Software: The Bureau of Information Services will continue to accelerate its efforts to coordinate, standardize and manage the Agency's data resources as an enterprise asset to better serve all of the needs of the business community, the Kansas counties, the citizens and the business of Kansas. Expanded data sharing efforts will use the Internet, electronic data interchange (EDI), XML extensible markup language, Electronic Funds Transfer (EFT ACH Debits and ACH Credits), Credit Card Acceptance, Electronic Check capability, the KDOR Intranet and the KANWIN network. Cooperative interagency data exchanges are taking place with the other state agencies such as KBI, Department of Labor, the Secretary of State, Attorney General, Municipal/District Courts and the State Treasurer. Greater accessibility of the Agency's data resources will facilitate enhanced strategic alliances with the Agency's business partners.

KDOR maintains an active link with the Secretary of State's Lotus Notes email system including sharing address books. This allows KDOR and SOS employees to look up email addresses for the other agency from within the Lotus Notes interface. This capability enhances the inter-agency communication necessary to support voting registration in Drivers License offices, performing Social Security number validations for voter rolls and other related inter-agency acitivity to support HAVA requirements. KDOR also maintains a Lotus Notes eMail system for County Government that provides local eMail services to any county official without an internal eMail system. KDOR links the address book for the County eMail system with the KDOR and SOS address book to provide email address look up from within the Lotus Notes interface.

KDOR also maintains web portals that support communication and collaboration with various county stakeholders. KDOR provides County Property Valuation staff design, interface and implementation information and concerning the Orion CAMA project. County Treasurer's staff can access Titles and Registration manuals and regulations as well as use the County payment portal to deposit funds electronically.

KDOR facilitates electronic data exchange using Secure FTP that allows KDOR and it's trading partners to share data in a secure fashion. FTP also allows KDOR to tailor the data exchange relationship to the technical capabilities of the trading partner. Organizations with limited IT capabilities are able to utilize manual FTP exchanges while more sophisticated organizations and KDOR utilize scripted data exchanges that can be integrated with the KDOR batch cycle.

Secure data exchange with the Treasury Department and Internal Revenue Service has been implemented using Tumbleweed's secure gateway product that allows KDOR to receive bulk tax information electronically rather than through physical tape exchange as in the past.

KDOR interchanges information with a multi-level of government entities as follows:

Federal/State

- IRS/State Corporate Tax
- IRS/State Partnership (2007)
- IRS/State Fiduciary (2008)
- IRS/Treasury Offset
- Multi-State Tax Commission
- Exchange with AMMVA
- SSA Drivers License Information
- Interface for Commercial & Individual Driver License Vehicle Information

State/State

- AAMVA
- Streamline Sales Tax
- Motor Fuel Tax Cross Border Transports

KDOR/KS State/Local Government Agencies

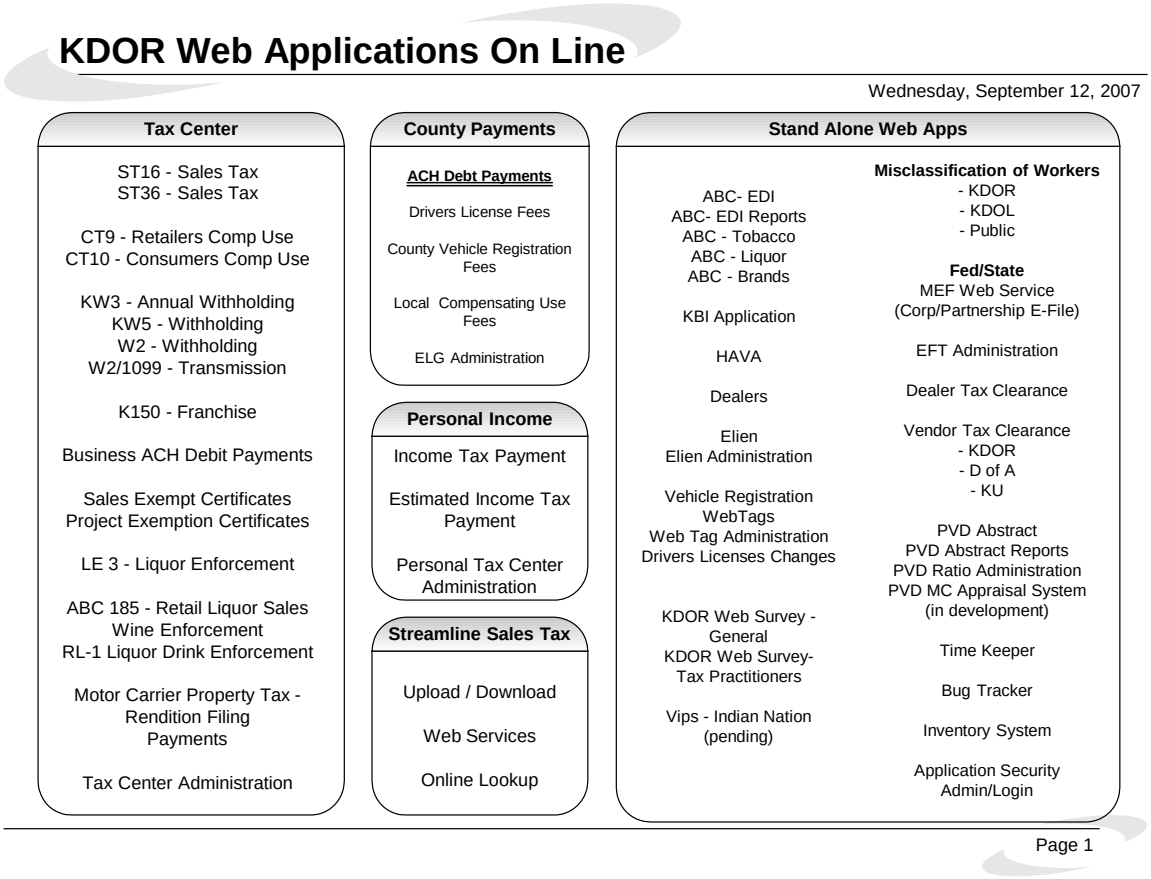
- Secure County Payment Portal
- County Appraiser Offices
- County Treasurer Offices
- HAVA SOS
- KBI/Attorney General Concealed Carry
- KBI/Exchange for Drivers Vehicle Data
- DOA/Exchange 1099
- SRS/CSE Drivers Vehicle Data
- Channel Remittance Processing for SRS & Health Policy Agency
- Judicial/District/Municipal Courts Electronic Citation Exchange
- DOA/State Offset Program
- KPER Fair Share Data Matching
- County Offices Lotus Notes Messaging Services

Please refer to KDOR Business Partners Model (Section VI) for more details.

Data Storage and Administration: KDOR currently has approximately 38 TB of data storage maintained in the KDOR data center. KDOR uses Windows Server 2000 and Windows server 2003 to manage this storage environment utilizing Windows authentication to manage access to published shares according to a users security profile. KDOR utilizes MS SQL Server to provide data management and storage for KDOR eCommerce applications, Interstate Registrations of Commercial trucks and Orion CAMA data. KDOR Tax processing and Collections system data is largely managed under Solaris and Oracle and is housed in the DISC data center. Motor Vehicle, Drivers License, Motor Fuel, and Excise tax data is managed using ADABAS on the DISC mainframe. KDOR also maintains a SAS data warehouse containing business process dashboard metrics, ACD call metrics and compliance modeling data.

Data Transfer:

Agency	Data	Sharing Method
Kansas.Gov (INK)	Transmit Driver License & Driver Control data to Kansas.Gov	Flat Files & Online Programs
Unified Judicial	Receive Conviction & Withdrawal Data (aka abstracts) from Courts	FTP Process
Municipal Courts	Receive Conviction & Withdrawal Data (aka abstracts) from Courts	Web Hosted Upload
Dept. of Agriculture	Wildlife & Parks has access to Driver License information	On-line Screens
Department of Administration	Set Off & Tax Clearance	Batch
Department of Administration	SHaRP Time & Leave Data	FTP
SRS	Tax Clearance & Child Support (refunds)	Batch
Secretary of State	SSN Verification for HAVA	Web Services
KBI	Batch Transfer of Driver License Photos	FTP Process
Tribal Nations	Motor Vehicle Registration Data	FTP Process
Attorney General	Concealed Carry Applications	FTP Process
KBI	Vehicle & Drivers License	CICS Transaction
KBI	Registered Offenders	FTP Process
KBI	Liquor License Background Checks	Web Services



Electronic Records Retention: KDOR routinely generates back ups for all electronic records generated or captured in the normal course of business. All electronic records are being captured in a format that is compatible with the software and hardware that is currently being used by the department. The vast majority of KDOR's electronic records is maintained in a live and/or active system and is needed for daily business activities.

KDOR is actively involved in enhancing and developing methods for handling the limited number of electronic records that may have historical value. KDOR continues to utilize the application in Lotus Notes Email environment that allows for automated archiving of critical email and attachments as defined in the specifications outlined in the managing electronic mail guidelines, which was approved by ITEC on May 2, 2002. This document CERA computerized electronic records archiving falls under the auspices of the Kansas Open records Act (KORA).

E-Government: The Kansas Department of Revenue (KDOR) is taking steps to increase electronic activity for both business and Individual Income Tax taxpayers. While recent mandates have helped to improve electronic filing numbers, Kansas has long been actively seeking voluntary electronic users by providing numerous filing options and making the electronic filing process as user-friendly as possible.

Financial Transactions

The Kansas Department of Revenue accepts all major credit card and other electronic payments through multiple on-line and IVR applications. Revenues from electronic payment options for Kansas during FY 2008 exceeded $4.8 Billion in approximately 875,000 transactions. Transactions increased from FY 2007 by almost 14% (755,000)

with a 13% increase in dollars received ($4.2 Billion). Similar increased are expected to continue in the next three years.

Credit card payments for individual income and business taxes are accepted through a third party payment center, Official Payments Corporation. Tax types available for credit card payments include:

- Individual Income and Estimated Taxes
- Sales and Use Taxes
- Corporate and Privilege Taxes
- Minerals Taxes
- Motor Fuels Taxes
- Motor Carrier Property Tax Withholding Tax

Kansas received approximately 8,800 Credit Card payments totaling $4.8 Million for Individual Income Taxes for FY 2008. For that same period, 5,400 Credit Card payments for 2.2 Million were received for Business Taxes. These numbers mark a 15.5% increase in the total number of Credit Card transactions with a 30.6% increase in total Credit Card payments remitted.

ACH Debit and ACH Credit payment methods are also available to Kansas Taxpayers. During fiscal year 2008, Kansas initiated about 645,000 ACH Debit transactions totaling $2.4 Billion. With dollar totals similar to the ACH Debits, Kansas received around 185,000 ACH Credits totaling $2.4 Billion. ACH Debits have increased approximately 14.5% in terms of transactions and 8.5% in payments over FY 2007 while ACH Credits experienced 18.4% and 17.3% increases respectively.

Electronic Income Tax Filings and Payments

Kansas Taxpayers can electronically file their income taxes using widely available e-file software application or using the Kansas WebFile online tax filing application (**www.kswebfile.org**.) WebFile is a user-friendly application that allows two payment options for a balance due: Credit card payments are accepted through Kansas.Gov. Electronic checks, originated through the Kansas Department of Revenue, are also accepted. Direct deposit refunds are offered, as well. WebFile is free for taxpayers. This is the sole thin client web based Income Tax filing applications offered free to Kansas Income Tax Filers.

KDOR offers warehousing of EFT payments for ACH Debit transactions. This provides Income Tax Payers the capability to file their taxes with an amount due in January and warehouse the payment until the nightly run on the due date in April. Conversely, a small business can file their sales tax return on line with a balance due on the 1st of the month and have the payment withdrawn from their checking or savings account on the 26th of the month or the actual due date of the payment.

In the first 6 months of 2008, Kansas received approximately 842,000 e-file and 75,000 WebFile Individual Income Tax returns. These numbers reflect a 13.2% increase in e-filed returns and a 20.8% increase in returns submitted through WebFile. The Department expects similar increases over the next few years, but these increases will require additional incentives and mandates.

In recent years, tax practitioners were encouraged to complete filings electronically, but many filers remained resistant. Legislation passed in 2008 no requires paid filers

submitting more than 50 returns do so electronically. As of the last tax filing season, approximately one quarter of the tax practitioners to which this mandate applies did not file any of their returns electronically with many of the other filers submitting most returns electronically and the rest on paper. This legislation should improve e-file numbers considerably.

Electronic Homestead Refund Claim Filing

KDOR has moved to automate the Homestead Refund Claim (Homestead) filing by incorporating an e-file and internet filing option. Many of the current e-file software developers are providing a Homestead by coupling the claim with an Individual Income Tax return. This will allow filers to submit both the return and claim in a single transmission.

Kansas WebFile is being enhanced to include the Homestead claim, but the submission is not coupled with an income tax return. Taxpayers will be able to complete each process separately. Taxpayers will also be able to amend current year Homestead returns using WebFile. E-file return filers will not be able to file amended returns until 2009.

Both the e-file and WebFile processes will be in place for the 2008 Income Tax filing season. Out of approximately 100,000 Homestead returns that are expected to be received, 40% are expected to be received via e-file, 10% through WebFile, and the remaining returns on paper.

Mandated Withholding Filing and Payments

In 2006, legislation was passed requiring that all filers submitting more than 50 W-2 or 1099 reports do so electronically. A web-based system was developed allowing filers to upload standard report file formats, state-defined file formats, or key return information into a web page. This system was brought online in February of 2007.

The same year this new system was brought online, the Department opted to stop accepting Withholding information on magnetic media. The decision for this change was based mostly on technological limitations within the Department. Equipment to read magnetic media is archaic and not widely available. Moreover, data corruption and formatting issues had been a problem.

Bulk filers were initially unable to use the online application without keying in a substantial amount of data. In certain instances, allowances are made to allow bulk filer data to be submitted on CD-Rom. Regardless of how the data is submitted, the content must be inclusive and formats must be consistent with Department specifications.

Changes were made for the 2008 filing season which allows bulk filers to upload files directly into the web application for multiple companies. This has greatly reduced the number of approved magnetic media filers.

Kansas has received about 1.9 million W-2s and 475,000 Information Reports electronically for tax year 2007. KDOR's Collections unit has been able to use the information to locate and obtain additional dollars that were previously unidentified. In addition, the information is available to Audits and other Department areas.

Numbers are expected to increase over the next three years as filing mandates and guidelines continue to be enforced. In addition, the Department is working with an organization out of Wichita, Kansas to scan essential W-2 data from paper return. This data will be used by Collections to identify and pursue non-filers.

The Kansas Legislature approved an additional mandate requiring Withholding Tax taxpayers that pay taxes in excess of $45 Thousand annually do so electronically. This mandate will contribute to increasing the percentage of electronic payments received. With this change, the majority of payroll companies the Department works with are going make all their payments electronically.

The change in the threshold offers additional challenges to Electronic Services in processing the payments and managing payment authorizations. An effort is underway to automate the Electronic Funds Transfer authorization process by creating an online process to manage the forms. Development is expected to occur in the next year.

Modernize E-File

KDOR is working with a national initiative to overhaul the current e-file system. Modernized e-File (MeF) will allow for faster processing of tax return data because it uses an improved process with webservices and extensible markup language (XML.) MeF uses schemas that states create based off their tax forms. The schemas allow states to do more upfront data validation and error checking that previously was not an option.

Returns will be processed and acknowledged 24 hours a day, 7 days a week, whereas the legacy e-file system uses batch processing done by human log-in and retrieval each business day. Preparers will no longer have to wait a day or two to know if the tax return was accepted.

MeF will allow for binary attachments sent as PDF's, amended returns, and prior year returns. States will no longer have to process faxed or mailed documentation that could not be sent electronically in the legacy e-file system.

Business Tax Center (www.webtax.org)

Currently, KDOR provide online filing and payments for a number of various business tax types using the Departments WebTax application. This resource continues to grow as policy and technical decisions allow. The most recent additions to WebTax include Retail Liquor and Liquor Enforcement tax types.

The Department is currently exploring ways to handle needed electronic processes that might not fall into the business application. These processes include interaction with other governmental organizations and Kansas taxpayers. While WebTax serves as a foundation for all online tax activities, KDOR plans to enhance the online applications to be better defined by group or function. These changes will occur over the next several years.

Managing electronic credits is an addition to the WebTax application that occurred this year. In some instances, it is necessary to verify, approve, and manage specific aspects of a credit so it can be claimed on income taxes. Automating this approval system will limit paper that is received and speed up the claim filing process. Moreover, the Department is in a position to require that certain credits only be filed electronically.

An interface has been developed to allow 3rd party payment collectors to submit detail records accounting for funds deposited in the State's bank account. Historically, it was difficult to set up and maintain 3rd party payers. With this system, payers will be able to

create state-standard remit files and load their information with minimal assistance from state personnel. This interface is currently being tested and is expected to be available to 3rd party payers before the end of the year.

End User IT Security Training: KDOR provides new employees with instructor-led Security Awareness training and annually thereafter mandates that all employees successfully complete the CBT (Computer Based Training) course on Security Awareness annually. This training was developed by the KDOR Security officer and covers topics from understanding KDOR's policies and procedures regarding the handling of confidential information, to basic things an individual can do to be more computer secure such as not opening emails from unknown sources. This training is very comprehensive and includes a test which must be successfully passed in order for the associate to get credit for completing the course. This must be completed yearly by all KDOR associates. It has been shared with other state agencies as well as outside organizations such as the IRS based on their interest in its content. The KDOR Security Officer made major updates to the CBT training for use starting the summer of 2008. Also all new test questions were developed, some of which reflected the new added material.

Identity Management: The Kansas Department of Revenue has worked closely with the Secretary of States Office and many other Kansas State Agencies to craft and award a statewide PKI Certificate Policy and Services Contract. As the State of Kansas adopted the statewide contract for PKI certificates, KDOR implemented the KDOR E-Lien application for Notice of Secure Interest and Motor Vehicle Lien management functions. To date there are approximately 700 businesses using the PKI certificates for this application.

KDOR's Tumbleweed Secure Messenger appliance has the capability to use several options to deliver encrypted email. One option is the ability to use existing PKI certificates between two enterprise email servers. If both systems have installed PKI certificates, once the digital certificates are exchanged, all email between the two enterprises is encrypted for all users.

IT Disaster Recovery: KDOR has an IT Disaster Recovery Plan as included in the section above on Business Continuity Planning. In the event of a disaster, KDOR will assess the situation and implement the Disaster Recovery Plan as necessary to allow for minimum disruption of IT services.

IT Security Staff: KDOR has an IS Security Officer who is dedicated exclusively to IT Security. His functions include setting the security policies and procedures, interfacing with third party groups such as the IRS and SSA, and being the primary contact individual on all matters relating to computer security. He has two associates reporting to him. They are responsible on a daily basis for approving security requests, interacting with KDOR associates and granting or revoking user ids and permissions depending on the particular situation. They administer the security for specific platforms and applications. They also perform periodic reviews of user security, assist in special security projects and audits of systems security.

KDOR annually completes the Security self-assessment per Information Technology Policy 7310. This assessment was modified for state use from the assessment document issued by the National Institute of Standards and Technology (NIST) used for Federal agencies. Major changes have taken place in this assessment through a series of three related documents published by NIST. The KDOR IS Security Officer has redone the assessment to conform to these updates and the ITEC Security Council will again use this assessment this fall.

In the new assessment there are 17 families of security controls as follows:

IDENTIFIER	FAMILY	CLASS
AC	Access Control	Technical
AT	Awareness and Training	Operational
AU	Audit and Accountability	Technical
CA	Certification, Accreditation, and Security Assessments	Management
CM	Configuration Management	Operational
CP	Contingency Planning	Operational
IA	Identification and Authentication	Technical
IR	Incident Response	Operational
MA	Maintenance	Operational
MP	Media Protection	Operational
PE	Physical and Environmental Protection	Operational
PL	Planning	Management
PS	Personnel Security	Operational
RA	Risk Assessment	Management
SA	System and Services Acquisition	Management
SC	System and Communications Protection	Technical
SI	System and Information Integrity	Operational

Security planning and management continues to garner a high level of focus at KDOR. The KDOR Security Officer has developed and will continue to refine and update the KDOR Information Technology Security Policy. This is an enterprise wide security plan that is compliant with the evolving State of Kansas standards and the IRS safeguard requirements for using Federal Tax Information (FTI) as contained in IRS Publication 1075, which has been redone to conform to the updated NIST standards mentioned in the Security self-assessment section above. This spring KDOR had it's Safeguard Review conducted by the IRS. KDOR passed with flying colors and was told "it set the bar" for future reviews by the IRS of other states.

The Security Officer made comprehensive updates to the KDOR Security Awareness Training CBT used for 2008-2009. Web vulnerability and testing was performed in summer 2008.

In addition KDOR will continue to develop the detailed Security Procedures, which is a secure and numbered for sign-out companion document to the Policies, and details specific security procedures to be performed. KDOR is a very active member and leader of the Kansas Information Technology Security Council. KDOR is working with other state agencies, other States, and other Governments to share best practices around Information Technology Security Management. Starting in FY2006, KDOR is a co-chair and active member of the IRS/FTA Technical Advisory Group Security Subgroup (TAG SS). This group is comprised of IRS and FTA State Revenue Agency Chief Information Security Officers as members who review and recommend standards for IT security related topics concerning the protection of Federal and State Tax Information.

KDOR engaged an outside third party to conduct an external Web Application Penetration Test of 30 specific web accessible KDOR applications. The purpose of the assessment was to identify potential areas of security vulnerabilities exploitable by an unauthorized user, and to make recommendations for the remediation of the vulnerabilities. The overall finding was the KDOR web applications were designed and developed in a relatively secure manner.

Public Key Infrastructure: Please see *Identity Management* above

Service Oriented Architecture: KDOR utilizes Service Oriented Architecture to manage application data transfers in the eCommerce environment. This includes data transfers using the new IRS Fed-State Corporate Tax, the IRS Fed-State Partnership Tax and the future movement to the new IRS Fed/State Income Tax filing programs. KDOR uses XML data exchange and Web Services for Streamlined Sales Tax registration and tax processing. KDOR does financial transaction processing using the INK payment portal. The new Motor Carrier KARDS Kansas Apportioned International Registration System has a real time XML Web Service interface with the Kansas Highway Patrol CView System. KDOR is evaluating future opportunities to develop Web Service interfaces to support the KBI and the Traffic Records Systems with Drivers License and Motor Vehicle information. KDOR expects future application implementations to rely heavily on Service Oriented Architecture for inter-application processing within KDOR and between KDOR and it's trading partners and stakeholders.

Technology Infrastructure: Over the next three years KDOR plans to continue to maintain system availability with the refreshment of KDOR application and file servers to insure that all data center equipment is kept under warranty or maintenance service contracts. The implementation of server virtualization will allow KDOR to take advantage of increasing server performance while reducing the footprint impact to the KDOR data center as new systems are implemented.

KDOR also plans to improve network connectivity for County Treasurer's to support the DMV Modernization Project and County Appraiser's to support the Orion project through upgrades to KANWIN Frame Relay circuits and the implementation of broadband ADSL or cable access where it is cost effective and application security permits. Improved network speed and security access for remote KDOR staff has been enhanced using F5 SSL VPN technology and ADSL and cable Internet access providers to home-based staff. KDOR also is currently enhancing mobile computing access using air card technologies to provide wireless cellular Internet access to field staff. Mobile staff obtain secure access to KDOR computing resources using SSL VPN technology. This capability will be increasingly deployed to Auditors, Alcoholic Beverage Control Agents and KDOR Field Collections staff.

KDOR is currently in the planning stage with DISC to implement improved network infrastructure that will improve the reliability of the KDOR network and increase the availability of KDOR systems.

KDOR also plans to replace it's firewall systems with the latest generation of CheckPoint firewall technology. This will improve the system management capabilities of KDOR firewalls allowing KDOR technical staff to meet the growing needs of eCommerce software and system development. This will also improve the reliability of firewall systems that are critical to maintaining the availability of KDOR eCommerce applications and inter-agency and vendor data transfers.

Secretary of State (Agency #622)

BUSINESS PROGRAMS:

Administration
Uniform Commercial Code
The Help America Vote Act of 2002 (HAVA)
Business Entities
Elections/Legislative Matters

MISSION: The mission of the secretary of state's office is to be the least complicated, most accessible agency in state government. By overseeing elections statewide, registering business entities and notaries public, filing financial statements and campaign finance reports, among numerous constitutional and statutory duties, this office serves the citizens of Kansas in many ways. As diverse as the duties are, quality customer service is common to all. Our foremost business objectives are to provide timely and open customer access to government records and to reduce costs. These objectives represent our continuing efforts to dismantle barriers that citizens associate with government.

SFY 2009 BUDGET: **$6,164,224.00**
SFY 2009 FTE: **55.0**
SFY 2008 IT EXPENDITURES: **$1,163,704.54**
WEBSITE ADDRESS: **http://www.kssos.org**
http://www.kscharitycheck.org
http://www.voteks.org
http://myvoteinfo.voteks.org

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1	0	1	0	1
Application Maintenance and Enhancement (in-production systems)	0	1	0	1	0	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	1.5	0	1.5	0	1.5
Data Administration, Data Analysis/Validation and Database Administration	0	.5	0	.5	0	.5
Network Engineering, Technical Management and Support	0	.5	0	.5	0	.5
Computer Operations, Management and Technical Support	0	1.5	0	1.5	0	1.5
Web application development and maintenance	0	1	0	1	0	1
IT Security	0	.5	0	.5	0	1
Other IT Functions (please identify)	0	1	0	1	0	1
TOTAL FTEs	**0**	**8.5**	**0**	**8.5**	**0**	**9**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	58	63	63
Virtual Servers	0	0	2
Desktops	66	66	63
Desktops Replaced	20	20	20
Mobile Devices	42	42	45

SFY 2008 MAJOR APPLICATIONS:

Cashiering / Document Validation
Labor Union/Business Agents
Notary
Kansas Register
Kansas Administrative Regulations (and online search w/Ks.gov)
Name Availability/Name Reservation (internal and online with Ks.gov)
Business Entity Filings – Dom Business
Entity Annual Reports (internal)
Business Entity Annual Reports (online with Ks.gov)
Business Entity Dissolution Amendment (online with Ks.gov)
Business Entity Registered Office/Resident Agent Change Amendment
New: Campaign Finance Online Filing
UCC Electronic Filing System & Search for Initial Financing Statements & Subsequent Filings (online with Ks.gov)
Appointments
Pre-arranged Funeral Agreement
Tyler Munis Financial & HR Management
Kansas Directory
KS Business Search
Charitable Organizations
Trademark
UCC System (internal)
Business Entity Annual Reports (internal)
Professional Fundraisers and Solicitors
New: Trademark / Service Mark Search
ELVIS
Election System
Online Lobbyist Registration
Modified Application: Election Night Tabulation
Law Books
Lobbyist Registrations (internal / paper filings)
Online SSI

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: KSOS designed, developed and implemented an online campaign finance filing system for candidates, political action committees and other entities involved in politics at the state level. The system included a public access search for viewing the filed reports online. An open source database, MySQL was implemented to reduce costs and provide a platform for future online filing applications. Replication of the database was implemented at the off-site data center (ODC).

Online search for trademark and service mark filings was implemented, providing KSOS customers a new online service to search the trademark filing database, saving staff time in both our customer service division and our trademark filing desk.

Phase 2 of the agency financial system, Tyler Munis, was implemented, including human resource management functions and interfaces with the state STARS and SOKI systems. Beginning July 1, 2008 Tyler Munis is the KSOS financial system of record.

Continued partnership with Kansas.gov resulted in the acceptance of professional association annual reports, and enhancements and fixes to many existing portal applications.

Testing of all KSOS applications and systems with the Vista operating system was completed in Spring 2008, and deployment of Vista PC's began with the June 2008 PC rotation.

Updates and enhancements were made to all websites including kssos.org, kscharitycheck.org, and voteks.org voter education web site. Each division evaluated their site pages, updated, and developed content for new programs or legislative changes.

The agency intranet was converted to Sharepoint, with many new features and agency routing of forms that were previously paper based.

Cemetery and funeral home paper filings were set-up for imaging into the content management system. Scanning and indexing of the historic corporate paper and microfilm filings was completed.

KSOS is researching BPM / workflow software to serve as the event bus, business process and workflow for our internal applications and content management system. KSOS is evaluating replacing legacy applications using BPM/workflow with .Net for the user interface.

Election night tabulation systems were updated to include web based unofficial results entry by the counties, as well as new features and graphics for the public results website.

The KDOR Department of Motor Vehicles and KSOS collaborated on an electronic voter registration / address change application. Beginning August 2008, DMV offices throughout the state will capture voter registrations electronically as driver license applicants apply in person, eliminating the current paper based registration cards provided by the DMV offices. An initiative in 2009 will be to offer an online voter registration application, allowing anyone with a valid driver license or non-driver's identification to register to vote online.

STRATEGIC DIRECTION AND OBJECTIVES: Establish the broadest and most secure electronic communication with and among our customers, our staff and sister agencies and partners to meet their needs now and in the future.

The secretary of state maintains a repository of official state records that have been filed in our office since before statehood. Highly summarized, they have been generated by broad and diverse legislative, executive, elective and business transactions that are of interest to Kansas citizens who ask us to file, search, copy, and certify these official records for them.

For this reporting period, following is a summary of our most important strategic goals:

The KSOS Information Technology department and Information Resource Committee (IRC) will protect the confidentiality, integrity and availability of all KSOS information resources. IRC will continue to review, develop and update IT organizational and security policies, manage IT resources and update the KSOS Business Contingency and Continuity and Disaster Recovery plans. We will research COBIT and ITIL and develop a plan to implement within the agency.

In conjunction with legal and business leaders we will continue to evaluate privacy concerns through reviewing and updating policies and procedures for protecting PII (personally identifiable information) in data and imaged records, mobile systems, and daily processes.

We will be efficient in our use of technology and resources, and research the implementation of server and desktop virtualization where appropriate to reduce hardware, software, deployment, data center, and system management costs.

A continuing major initiative will be replacing the existing business applications, some which have been in use since the early 1980's. The major applications on these systems include accounts receivable/cashiering, business entity, uniform commercial code, and notary. A service oriented architecture approach will be used for ease of data sharing and integration with internal and external systems and customers.

We continue our strategy of data sharing and state agency coordination and partnerships through involvement in the state portal Kansas Business Center (KBC); use of the Kansas.gov payment portal; through KDOR with corporate database sharing; through KDOR, KDHE, and KDOC with interfaces to ELVIS to check for felon, death, and DMV matches. KSOS will be working with KDOR on implementing DMV electronic voter registrations in FY2009.

KSOS will continue to work with the Midwest Election Officials Conference states (MEOC) to perform cross state voter registration checks to identify potential duplicates. The program will be expanded in this reporting period to include surrounding states and to develop a national model for voter registration data sharing for duplicate and voting history checks.

KSOS has partnered with the Pew Charitable Trusts Make Voting Work initiative, which will provide citizens with immediate access to information about their voting place locations, ballot content and other important election information. This initiative will allow internet and other content providers, such as Google, access to polling place and official election data in XML format for citizen access prior to the November 2008 general election.

Our business services division continues to promote online filings through the KS.gov and KSOS applications, resulting in increasing adoption rates of electronic filings and the resulting efficiencies due to reduced paperwork and associated handling. We continue to work with Uniform Commercial Code service companies to file by our XML web service and plan to add two companies this fiscal year.

Promoting efficiencies in state and county election administration and reporting will continue through quarterly enhancements to the statewide ELVIS (Election Voter Information System) voter registration and election management system. These enhancements are identified and prioritized in the county and state user group EEC (ELVIS Enhancement Committee). Integration of candidate information with voting tabulation systems will allow electronic reporting of election results back to KSOS on election night and for official results reporting, resulting in quicker turn-around time and reduced data entry and paper.

A feature of the statewide voter registration search website, VoterView, has been enhanced to allow counties to upload sample ballots to the site. With this enhancement, voters may use the site to check their voter registration status, find their polling places, check the status of their advance ballot application, and, in some counties, view a sample ballot.

To support our strategic goals and to provide the best customer service possible we continue to use and build upon the functionality of the Track-IT! help desk and IT asset management software.

Agency Architecture: We are currently evaluating replacing our legacy applications and systems and are not aware of any areas where we deviate from the state architecture.

Business Contingency Planning: The KSOS IRC committee is committed to updating and testing our Business Contingency and Recovery plans. An Emergency Management Team was organized to review, develop and implement a new Business Contingency plan.

Business Process and Workflow Management: We are evaluating BPM/workflow software for use as the “event bus”, housing the business processes and rules, and coordinating the interaction between our filing, database, imaging, content management, reporting and cashiering systems.

Collaboration Software: Our current e-mail platform is Lotus Notes, but we are migrating to Exchange. We will evaluate functionality of Exchange for internal instant messaging and collaboration features. Sharepoint is used for the agency intranet. KSOS leadership staff and the IT network/security specialist have Blackberry devices for communicating schedules and staying in touch with the office through email.

Data Storage and Administration: Existing content management system and business applications use IBM iSeries for storage. These applications and platform are being evaluated for upgrade or replacement in the next 3 years, and we will evaluate agency wide data management policies and procedures as part of this initiative. For reporting and data analysis Crystal Reports was implemented in phase 2 of the financial management system, and is in process for the statewide ELVIS system. ELM and IT will work with state GIS resources and the counties to research incorporating GIS with the ELVIS system.

Data Transfer: An initiative of our Elections and Legislative Matters division is for the ELVIS system to accept online voter registration applications electronically from the DMV. KSOS, KDOR, and the ELVIS vendor began working together in 2007 to design, develop and implement phase one of this initiative, which will be deployed August 2008. Our goal is to implement the online voter registration in 2009. KSOS currently accepts data for ELVIS voter registration cross checking from KDOR, KDOC, and KDHE through web services and batch secure FTP. We have spoken with the Kansas Corporation Commission about possible future sharing of business entity data.

Electronic Records Retention: Our agency records manager continues to work with each division to review and update our policy, with presentation to and approval by the state Records Board for any changes. We plan to research and implement an email archiving solution after we have migrated to Exchange.

E-Government: See Section II, Agency IT Objectives and Goals.

End User IT Security Training: IT security training and policy review is initially accomplished through our new employee orientation program. Quarterly HR/IT meetings are held for all employees to review new or changed policies, and to continue education on IT security related issues.

Identity Management: See Public Key Infrastructure bullet. Our work on identity management (IdM) and PKI extends to awareness of how and when those initiatives may be used in internal applications in all SOS divisions. Through our participation in the Information Technology Identity Management workgroup we will be researching IdM topics and technologies.

IT Disaster Recovery: The ELVIS system has a complete Disaster Recovery plan and uses the DISC ODC disaster recovery site for fail-over in the event the primary DISC data center is not accessible. The ODC system was designed to support the entire state ELVIS system and users. Current disaster recovery plans for all systems include daily, weekly, and monthly backups with off-site tape storage through DISC. Working with DISC we have set-up infrastructure to use the ODC for all KSOS equipment. We are currently evaluating options for working with another agency or 3rd party for iSeries disaster recovery services.

IT Security Staff: KSOS IT security duties are currently shared along with network administration duties. We will evaluate the feasibility of a full-time IT security position in future personnel decisions, however due to limited resources this will most likely remain a shared duty position.

Public Key Infrastructure: Approximately 600 Kansas PKI digital certificates are in use for the third year to authenticate users to the statewide ELVIS voter registration/election management system. Kansas PKI can also be used as the authorized signature for e-notaries pursuant to K.S.A. 13-1611 and K.A.R. 7-43-1 through 7-43-6. IT staff are using their Kansas PKI certificates for encrypting system security deliverables and documentation via email between vendors and consultants.

Service Oriented Architecture: We will be determining/formalizing our approach to SOA, but generally are planning to build new systems in a modular, component based way where any part can stand independent and be replaced as the need arises.

Technology Infrastructure: Network infrastructure is provided by DISC. KSOS is currently evaluating upgrading and/or replacing its main business applications and platform. We will review data storage options, server requirements and desktop/server virtualization in order to provide effective, efficient resources and service.

Securities Commissioner (Agency #625)

BUSINESS PROGRAMS:
Preventative Regulation Enforcement Services
Education Services

MISSION: The mission of the Office of the Securities Commissioner is to protect and inform Kansas investors, to promote integrity and full disclosure in financial services, and to foster capital formation.

SFY 2009 BUDGET: **$2,961,053.00**
SFY 2009 FTE: **32.13**
SFY 2008 IT EXPENDITURES: **$84,203.99**
WEBSITE ADDRESS: **http://www.ksc.ks.gov**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	4	4	4
Virtual Servers	0	0	0
Desktops	7	8	8
Desktops Replaced	0	1	3
Mobile Devices	28	28	28

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Office of the Securities Commissioner generally replaces aging personal computers on a three year replacement cycle. The agency completed the transition of desktop workstations with laptop computers for all of the employees who conduct field work in the previous fiscal year. During FY 2008 eight laptop computers were replaced. One desktop system and one laptop computer with docking unit and monitor were purchased and added to the office inventory for newly created positions. The main server for the Topeka office was replaced under normal rotation circumstances. The older server remained in service as a backup server for the newly procured server. The eight laptops that were replaced were stripped of software and documents containing sensitive information and pressed into service as traveling computers for use in presentations and other requirements that do not require the sensitive material as the personally assigned computers (e.g., PowerPoint presentations), thus reducing exposure if a computer used outside of the office were compromised. The replaced laptops also serve as backup units, should technical issues arise with any other computer in the office.

Our agency participates in the Central Registration Depository (CRD), the Investment Adviser Registration Depository (IARD) and Public Disclosure (LAPD) programs with other states and the SEC to provide registration and disclosure information about broker-dealers, investment advisers and their representatives via the Internet. Future enhancements to this program will include information on individual investment adviser representatives. Similar information is provided on broker-dealers and their agents via the FINRA's (Financial Industry Regulatory Authority, Inc.; formerly the NASD) Public Disclosure Program. Such web based electronic disclosure programs, along with the agency's web site as well as traditional communications through the broadcast and print media, allow the our agency to meet it goals under its Education Services Program. The agency retains records in electronic format under the same rules and guidelines as paper records. It will provide records in an electronic format pursuant to a public information request in accordance with the terms and conditions of the Kansas Open Records Act.

During FY2008, the agency initiated a new backup policy for the Topeka and Wichita based servers. Each evening, the servers backup to one another through the established VPN. The system of backup for critical information is deemed more thorough than our previous procedures. However, the previous backup method, utilizing external USB drives in a rotational series has not been abandoned. The redundant backup procedures place our agency in a better position for disaster recovery in the event of an unexpected event.

The agency continues to enhance its website to make more agency information, orders, opinions and administrative/criminal actions available electronically to the public. The web site is also being used in conjunction with the agency's public relations and outreach program. Video clips of public outreach commercials are available on the web site, and a URL has been created to be consistent with the theme of the outreach program.

STRATEGIC DIRECTION AND OBJECTIVES: The agency will continue to evaluate its security measures in accordance with ITEC Policy 4310. With the procurement of laptop computers, the agency revised its securities measures to insure the security of sensitive and/or personal private information that might reside on the portable computers.

The agency's registration and enforcement records currently reside on a mid-range (IBM AS400) computer. A custom inquiry/maintenance application manages these records. While currently adequate, this application does not provide the flexibility to incorporate new fields and processes to adapt to changing strategies, procedures and tasks within the Preventative Regulation and Enforcement programs of the agency. The agency is seeking a method to modify the existing system to improve tracking, timing and accountability of investigations, prosecutions or hearings. Such a system would also be able to monitor payment of fines and restitution, as well as results of rescission offerings.

During FY 2008, the agency continued to explore several off the shelf products that are specific to the securities regulation industry to be considered for use by the agency. In addition to off the shelf product,

we are also researching the possibility of out-sourcing the management of the IBM AS400 with a local vendor. This option would place our current database program and all data on a remote IBM AS400 system owned and maintained by the vendor. The agency would remotely access the system by a secure internet connection. The current IBM AS400 hardware is nearing the end of its life cycle (procured prior to FY2000) and would require replacement if an alternative solution were not implemented. Although an estimate of the cost of the outsourcing of the IBM AS400 is not available at the time this report is prepared, our best guess is that the cost of this alternative solution will be significantly less than our estimate of a system that had been previously reported with Section IV – IT PLANNED PROJECTS. We are no longer considering a plan that requires reporting in Section IV of this report. Therefore, Section IV is not completed this fiscal year.

While The Office of the Securities Commissioner has made significant progress in the effective use of information technology, we will continue to analyze and apply such technology to enhance the efficiency and effectiveness of our operations and high level of service to Kansas investors.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: Registration and Enforcement records reside on the mid-range IBM AS400. The data on the AS400 is backed up on a tape drive used in a patterned rotation. A full system backup tape is maintained separately from the daily backup tapes. The AS400 has a 40GB hard drive The agency's two servers (Topeka and Wichita) are backed up with external USB hard drives. Two USB drives are dedicated to each server exclusively for the purpose of backup. The USB drives are automated to backup each evening. The two drives are swapped out weekly. The server maintains the day to day correspondence and work files created and used during the course of the business day. Each server has two 60GB hard drives. The agency web server is maintained offsite by DISC. The backup protocol was established and is maintained by DISC. The web server has a 300GB hard drive.

Data Transfer: The agency's electronic data is not shared outside of the organization. Data is shared internally through the two servers at both of the agency's offices.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Tax Appeals, Court of (Agency #562)

BUSINESS PROGRAMS:

Regular Division | Expediting Hearings

MISSION: Our mission is to resolve disputes between taxpayers and taxing authorities promptly and impartially and to help maintain public confidence in the state and local tax system.

The Court is committed to fulfilling its mission in a highly efficient and professional manner, using all available technology and human resources to best meet the needs of the public.

SFY 2009 BUDGET: **$2,327,697.00**
SFY 2009 FTE: **26.0**
SFY 2008 IT EXPENDITURES: **$55,019.27**
WEBSITE ADDRESS: **http://www.kansas.gov/COTA**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.3	0	.3	0	.3	0
Application Maintenance and Enhancement (in-production systems)	.1	0	.1	0	.1	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	.2	0	.2	0	.2	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	.2	0	.2	0	.2	0
Web application development and maintenance	.1	0	.1	0	.1	0
IT Security	.1	0	.1	0	.1	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**1**	**0**	**1**	**0**	**1**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	5	7	7
Virtual Servers	0	0	0
Desktops	38	38	38
Desktops Replaced	0	10	10
Mobile Devices	13	14	14

SFY 2008 MAJOR APPLICATIONS:
Case Tracking (Current system August 1997 to present)
LawBase, by Synaptec Software

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The agency began the process of replacing the Case Tracking application with a new application from Synaptec called LawBase after a contract was signed with the vendor after the RFP process was completed. The vendor has been working at customizing it's product for our use since the first of the year. At the same time COTA has been using the assistance of Kansas Department of Revenue's IT department in cleansing our data and preparing it for migration. The agency has had to purchase 2 new servers to manage the new software and upgrade the memory on some existing PC's to work with the new products. Small Agency Support from DISC has been assistance our agency in setting up the new servers. New 22 inch monitors have been purchased for several users that will have a need for dual screen use.

COTA has been working with the Information Network of Kansas (INK) to redesign and launch a new Web site for the agency. A new site is currently running with several enhancements planned for introduction over the next year. Our vendor Synaptec and INK are working at designing a portal for on-line filing of applications to the Board with INK handling the filing fees on line.

STRATEGIC DIRECTION AND OBJECTIVES: COTA relies heavily on IT technology in its daily operations. The agency utilizes the existing CaseTracking application software in docketing new appeals, scheduling hearings, status conferences, writing letters, Expedited Hearing decisions and final orders as well as for providing reports for taxpayers, state agencies and the legislature. The agency continues to use e-mail as a notification tool for parties that appear before the Court on a regular basis.

The agency continues to work towards speeding up the process of docketing and resolution of cases by implementing changes to the agency business processes and rules. These include streamlining of the application forms, letters and orders issued by the Court. The Court has received a grant of $325,000 from the Information Network of Kansas to implement the Case Management system LawBase from Synaptec. Additional document support from KnowledgeLake for managing scanned images is being integrated into the software package using Microsoft SharePoint. The agency has worked with a consultant to assist in determining the needs of the agency and has let an RFP from which a vendor, Synaptec Software, Inc., has been selected. Hardware and software requirements have been addressed as the implementation date draws near. The purchase of two additional servers was required for the new software. A third off-site backup server (located within DISC) for the primary application, data and documents is to be purchased shortly. Scanners and the necessary software to scan all incoming documents and place them in the appropriate location for recall with existing cases have also been purchased.

Agency Architecture: COTA's architecture consists of a Local Area Network using Microsoft Windows 2003 Server. Microsoft SQL 2000 and SQL 2005 Servers provides data and document storage for the agency's case management systems. Windows XP Professional serves as the client operating system. Microsoft Outlook/Exchange 2003 is the e-mail system in use. Active Directory is the focal point of our Windows 2003 server network and provides the desired levels of scalability and manageability. There are no plans to change the existing architecture, however the agency is in the process of migrating to the new LawBase Case Management system in September.

Business Contingency Planning: The Court does not have a published business contingency plan. With the implementation of the new Case Management system one will be developed as an off-site backup server will be in place with DISC.

Business Process and Workflow Management: The new LawBase Case Management system incorporates workflow and business processes into the program structure. The agency is still refining the business processes to better adapt it to a process that can be formulated into the workflow of the programming.

Collaboration Software: COTA's Microsoft Exchange Server 2003 and Microsoft Outlook 2003 software allows reports, documents and e-mails transmission to Budget, Department of Revenue, county officials, taxpayers and case representatives. The hearing officers handling Expedited Hearing hearings e-mail their decisions to the COTA office in Topeka for merging into Word documents for case decisions. The use of Crystal Reports and SQL Reports allows the agency to provide reports to various internal and external stakeholders.

Data Storage and Administration: COTA currently maintains a 1 gigabyte Microsoft SQL 2000 database that is being migrated to a SQL2005 database of all cases from 1987 to present. Case documents associated with these cases before 1997 are available on microfilm. Cases since 1997 have unsigned documents available at this time on our file server, approximately 7.8 GB worth of documents in word format. Tape backups are run daily of all databases and documents as well as e-mail and user profiles.

Data Transfer: Currently the Court provides data on request to legislative research, Department Revenue, County government as well as indiduals and their representative practicing before tha Court. Most documents are provided in PDF, HTML, Excel, Word or Access formats. Most are sent electronically and a few are placed in the mail.

Electronic Records Retention: E-mail logs currently have a 30-day life cycle. Individuals are responsible for keeping or deleting e-mail as needed. Case related e-mails are to be printed or attached electronically to the case filings. Case related documents are currently retained in the system from 1997 to present. The Court does not have a written policy to cover an IT Disaster; one will need to be developed during the implementation of the new Case Management system. The new LawBase Case Management system will include an off-site backup for the database and documents.

E-Government: COTA currently receives mail, faxes and e-mails from applicants filing new appeals, checking on case status of existing appeals, and sending additional information not supplied with the original application. The Court emails status conference correspondence to the parties after holding the conferences in order to hold down written correspondence and mailing expenses. This process has grown over the last couple of years as more individuals utilize the Internet for E-mail correspondence and notification.

COTA will continue to work with INK and Synaptec to develop an on-line filing process for law offices and individuals to utilize instead of filling out the application forms by hand and sending them by e-mail or the Postal service. The on-line filings is another way for the public to file to the Court. The Court will also work with INK and Synaptec to develop an on-line hearing calendar and case status system.

End User IT Security Training: The agency does not have a security training program. New staff members are instructed in protecting their logon and password information. They are also informed what web sites are off limits and what not to download or open in emails. Currently there is no ongoing training. This is something that will be looked at.

Identity Management: Currently the Court is using Microsoft Certificate Server and issues cookies to authenticate agency users attaching to the web based E-mail Server. There are no other users currently requiring digital identity. During implementation of the new case management system this will be looked at as outside clients will be filing on-line applications with the Court and sending additional documentation for applications already before the Court.

IT Disaster Recovery: Backup of all network drives is completed in tape format each day. There is a two-week rotation of tapes at this time. Individual profiles are stored on both the primary and backup domain controllers that are backed up. The Court does not have a written policy to cover an IT Disaster; one will need to be developed during the implementation of the new Case Management system. The primary data servers are set up as RAID 5 servers so that hard drive failures will have a limited impact on data recovery. The agency is providing an off-site data server to be housed by DISC to replicate data and documents several times a day. This off-site server will also be have an on-site and off-site backup provided by DISC. The recover of the agency assets would include the replacement or repair of the network (by DISC), servers, printers and PC's before the case management system could begin to be restored. If servers or PC's have to be replaced or repaired the software, databases and documents will need to be recovered before the agency can restart operations. The backup tapes have been tested to show that the data contained will restore to the servers in the event that data or documents are lost.

IT Security Staff: The Court's IT staff of one currently handles most security issues within the agency. If necessary DISC is consulted for assistance and help. There are no current plans for a dedicated IT Security person.

Public Key Infrastructure: Currently COTA has no solid plans on how it will address this issue. Some of our applicants currently are sending us documents that are electronically signed. We are accepting as is if the person has had previous filings. A standard will be researched and decided during implementation of the LawBase Case Management system. Our agency would be interested if digital certificates could be used on data and email encryption and for access to some of the agency assets.

Service Oriented Architecture: None reported.

Technology Infrastructure: The current standards in COTA are SQL 2000/2005 for the client/server platform and Microsoft office. Currently Exchange 2003 is the E-Mail platform and very robust for our usage. The agency performed an operating system and software upgrade three years ago from a Windows NT environment. The agency is trying to implement a three-year replacement cycle of hardware. The Court will work with DISC small agency support to evaluate software updates and whether to upgrade based on current need and case management updates.

Technical Professions, State Board of (Agency #663)

BUSINESS PROGRAMS:

Licensing
Monitoring
Regulation

MISSION: To provide maximum protection of the health, safety, and welfare of the people of Kansas by assuring that the practice of engineering, architecture, land surveying, landscape architecture and geology in the state is carried out only by those persons who are proven to be qualified as prescribed by the statutes and rules and regulations of the Board of Technical Professions.

SFY 2009 BUDGET: **$576,909.00**
SFY 2009 FTE: **6.0**
SFY 2008 IT EXPENDITURES: **$15,386.83**
WEBSITE ADDRESS: **http://www.kansas.gov/ksbtp**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	1	1
Virtual Servers	0	0	0
Desktops	6	5	5
Desktops Replaced	1	0	2
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The agency continues to update and improve on-line capabilities for licensees and the public. An update of the AS/400 was completed in FY07 which allows even greater interface between the database and desktop software to more efficiently respond to applicants and licensees. Webpage functionality was increased with the purchase of Dreamweaver software. In FY08 82% of licensees renewed on line utilizing the combination of both upgrades. All application forms are available for applicants to download from the web site, thus reducing the need to mail paper copies.

STRATEGIC DIRECTION AND OBJECTIVES: This agency uses an AS/400 database system and plans to continue with that system. We intend to keep our desktop computers up to date, replacing them on a rotating schedule. Adequate backup plans are enforced. The addition of a local area network server in FY09 will enhance the backup plan and also aide office workflow. We work with INK for secure on-line payments and to gather the required information from licensees as they renew on-line. The agency continues to maintain its system for on-line verification of licenses which is available to the public 24/7.

During FY09 the agency is continuing with a project to digitize records and remove the paper forms from office storage. By December 2011 the agency plans to add on-line renewal for corporate certificates of authorization.

All agency staff receives updates on office IT security procedures at least annually. The agency maintains backups in a separate office within the building as well as monthly backups off site. The agency works with DISC small agency support for assistance with IT security and data management.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Technology Enterprise Corporation (Agency #371)

BUSINESS PROGRAMS:

Centers of Excellence
Commercialization
EPSCoR/STAR Fund
Product Development Financing
Mid-America Manufacturing Technology Center
KTEC Pipeline

MISSION: To create and grow Kansas enterprises through technological innovation and business acceleration.

SFY 2009 BUDGET: **$14,201,325.00**
SFY 2009 FTE: **16.0**
SFY 2008 IT EXPENDITURES: **$204,368.46**
WEBSITE ADDRESS: **http://www.ktec.com**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	6	4	4
Virtual Servers	0	0	0
Desktops	18	15	14
Desktops Replaced	0	15	0
Mobile Devices	15	17	18

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In the past year KTEC has implemented a new software solution from VCM Inc. This software solution was installed on new server hardware utilizing Windows Server 2003 and terminal server technologies. The VCM Inc. software also utilizes an Outlook plug-in used to better track economic impact information and product development financing documentation. We have implemented a new SSL VPN solution to better utilize secure server and software systems for remote users. The backup systems were upgraded and consolidated using HP hardware and Symantec software. A project to upgrade the Kansas Angels website was completed. And most smart phone users were upgraded to a Windows mobile platform to better utilize information from the Exchange system.

STRATEGIC DIRECTION AND OBJECTIVES: KTEC is a relatively small office (15 FTEs); therefore, projects of the IT department are relatively small compared to other larger State agencies. Because of this, the main goal of the IT department is to keep file servers, workstations, and off-the-shelf software as up-to-date as possible. KTEC will continue to use existing and develop new online web database systems to better interact with our customers and partners. We are in the process of continually updating the Kansas Angels web site.

Agency Architecture: KTEC's architecture currently consists of Microsoft, Linux and Novell based systems. We are currently working on replacing the Novell Netware and Palm OS systems with Microsoft systems to consolidate and reduce the IT overhead required to maintain both types of systems. Linux based systems are currently being used for web based applications and customer collaboration due to their proven reliability and security.

Business Contingency Planning: KTEC does not currently have a published business contingency plan.

Business Process and Workflow Management: KTEC is currently in the process of migrating data from an older custom system (KTRAC) to software provided by VCM Inc. The new software has been customized to meet our needs in business process and workflow management. It effectively stores data between the Exchange server and a Microsoft SQL server in an easy to use and reportable manner.

Collaboration Software: KTEC currently uses an Exchange based system for messaging, including the combination of Active Sync and Windows based smart phones. We are also utilizing Webex online meting software to increase the attendance of meetings and conferences.

Data Storage and Administration: KTEC's data files and databases are backed up nightly to tape and stored in double fireproof safes. A data set is also stored off site. KTEC's data includes not more than 300 gigabytes and databases from the Kansas Angels website, our internal accounting program, KTRAC, VCM Inc. Software and the Exchange email system. The only change to data management foreseeable in three years would be for capacity and not procedure related.

Data Transfer: KTEC currently only shares data through email and messaging systems. There are no current plans for other intra-agency and inter-agency data sharing.

Electronic Records Retention: KTEC currently retains a copy of all data. Including files, databases and email. All data is recorded twice a year to tapes that are never reused and are securely stored.

E-Government: KTEC currently uses the websites for informational and registration purposes only. There are no plans to provide web based services to citizens/businesses.

End User IT Security Training: KTEC has one person dedicated to all computer systems; staff training consists of information updates relevant to current computer threats.

Identity Management: KTEC has no plans to use any form of user identity verification other than passwords.

IT Disaster Recovery: KTEC's electronic data is backed up and stored in double fire proof safes. A set is also stored off-site. In case of a catastrophic disaster, data would be recovered to new hardware. There is not currently a published IT disaster recovery plan.

IT Security Staff: KTEC has one IT person to handle all of the computing needs and has no plans to add a dedicated IP position.

Public Key Infrastructure: KTEC has no plans on implementing PKI technology.

Service Oriented Architecture: None reported.

Technology Infrastructure: KTEC's current systems have all been recently updated there are no major upgrades planed.

Treasurer, Office of the State (Agency #670)

BUSINESS PROGRAMS:

Administration
Cash Management
Kansas Learning Quest
Education Saving
Municipal Bond Services
Unclaimed Property

MISSION: The mission of the Office of the State Treasurer is to participate in the management of public funds to ensure safe and sound financial practices that benefit the people of Kansas. Through efficient and effective use of public and private resources, we will partner with Kansas citizens in the pursuit of their financial security.

SFY 2009 BUDGET: **$17,971,781.00**
SFY 2009 FTE: **55.50**
SFY 2008 IT EXPENDITURES: **$129,384.23**
WEBSITE ADDRESS: **http://www.kansasstatetreasurer.com**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.1	.5	.1	.5	.1	.5
Application Maintenance and Enhancement (in-production systems)	.5	.4	.5	.4	.5	.4
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.3	.2	.3	.2	.3	.2
Data Administration, Data Analysis/Validation and Database Administration	.1	.2	.1	.2	.1	.2
Network Engineering, Technical Management and Support	0	.8	0	.8	0	.8
Computer Operations, Management and Technical Support	.5	.9	.5	.9	.5	.9
Web application development and maintenance	.5	.6	.5	.6	.5	.6
IT Security	0	.4	0	.4	0	.4
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**2**	**4**	**2**	**4**	**2**	**4**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	28	21	18
Virtual Servers	0	3	4
Desktops	46	47	48
Desktops Replaced	13	10	12
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
Corporate Universe (CU)
Warrants/Receipts/Fund Accounting
State of Kansas Interactive Internet Interfunds (SOKI^3)
Production Website (KST On-Line)
Distributions
Unclaimed Property (UP3)
State of Kansas Securities and Collateral Production Extranet (The Vault)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: We are continuing our efforts to retire our DOS or 16-bit legacy code and reach our goal of all production systems being Internet/Intranet based within the next two years. The application that was rewritten this year is the Cashier Fee Receipt System.

One of the State Treasurer's major programs in the Unclaimed Property Division. The Unclaimed Property program seeks to return various forms of unclaimed property to the rightful owner or heirs. Our Unclaimed Property Division website search application won an award at the Unclaimed Property Professionals Organization (UPPO) national conference held in Phoenix, Arizona. The Holders Choice award was presented for the outstanding design and user-friendliness of the Unclaimed Property pages of www.KansasCash.com. In addition our in-house custom application written by Kansas Treasurer Staff (UP3) was sold to the State of Indiana's Unclaimed Property Division housed in their Attorney General's Office.

Other major changes affecting Unclaimed Property occurred during FY2008. After a period of dormancy in the hands of the reporting business ("holder"), the State Treasurer is charged with taking possession of specified types of abandoned personal property and becoming custodian in perpetuity, preserving the right of the original owner or heirs to claim the property. Property which may become abandoned includes safe deposit box contents. In accordance with statute the sale of these contents shall be sold to the highest bidder with the monies being held for the original owner. To ensure the highest dollar return the use of eBay online auction was selected as the sole source of selling these contents.

A significant amount of time was spent on the rewrite of the State of Kansas inter-agency inter-fund transfer and receipt system. Right before implementation it was determined that the new financial management system that the enterprise will be rolling out in July of 2010 would be able to incorporate most of that same functionality. The project was put on hold.

The State Treasurer's Office has been heavily involved in the Sunflower Project, the project to choose a new financial management system to replace STARS. We have had staff both on the steering committee and on the evaluation team. The commitment to the evaluation team involved many hours throughout the last quarter to become familiar with all vendors competing to become the software implementer for the project.

The Kansas housing loan deposit program was created by 2008 Senate Bill 387. It is similar to the agricultural production linked deposit program created by K.S.A. 2007 Supp. 75-4270 in which state funds are loaned to banks at a reduced rate so that the banks can then loan the funds to participants in the

program. The purpose of this program is to provide funding for the construction of new housing. By statute, 50% of the funds must be reserved for homes built within one mile of the city limits of Chanute, Coffeyville, Erie, Fredonia, Greensburg, Independence, Iola, Neodesha, or Osawatomie because of the natural disasters in these cities in 2007. The online system to administer this program needed to be ready to go by July 1, 2008 and we met that deadline.

We have stayed on track with our 4-year hardware rotation for all desktop systems and 3-year rotation of all mission critical servers replacing 9 desktops and 4 servers. We have moved one department to the MS Vista operating system and will move each department as we replace desktops. We have also begun to move servers to Windows Server 2008 with each replacement taking care to ensure that the software that needs to run on these operating systems is compliant.

STRATEGIC DIRECTION AND OBJECTIVES: We continue to work towards our goal of having all our business applications web based within the next 2 years. We are reconstructing all of our internal systems onto Internet/Intranet based platforms and any new applications or systems will be written with this goal in mind. This will allow us to not be dependent on any specific hardware or operating system. This direction will also allow us to broaden our user base outside our office if necessary. In addition, we will continue to incorporate data sharing with all of our business partners which includes both the general public and other state agencies.

Agency Architecture: The Treasurer's Office currently has several servers on Microsoft platforms, ranging from Windows 2003 to Windows 2008. At the desktop level the current agency standard is Windows XP Pro moving to Windows Vista. Our VPN is Cisco secured with RSA SecureID token technology. Our network is behind a Cisco ASA. We have no plans to deviate from the State Architecture.

Business Contingency Planning: We store multiple generations of data backups at an off-site data center both on tape and live. We have begun the use of a virtual server with data replication to our mission critical servers. We will continue to incorporate virtual server technology whenever possible to reduce the amount of hardware. We are currently exploring the possibilities of participating in the second off-site data center sponsored by DISC which is physically located several miles from the first one.

Business Process and Workflow Management: None reported.

Collaboration Software: We have two email servers, one of which is running Windows XP Pro with Merak email server software and one Exchange Server. The Merak email server is used strictly for outgoing emails for SOKI[3] and various other mass email purposes. During FY2006 we installed an Exchange Server and we have gained further efficiencies by using all the collaboration and group calendaring functions an Exchange Server offers. Our Unclaimed Property system has a portal for the Accounts and Reports Setoff division to provide immediate access for the return of potential state debt owed by owners of the property.

Data Storage and Administration: As systems are rewritten, we are moving to MySQL for our data storage. We back up all production data to multiple tapes nightly, keeping 3 generations live on our on-site backup server in addition to one year of data on tape and the historical retention of the end-of-calendar-year and end-of-fiscal-year tapes. We also house multiple backups at the off-site data center.

Data Transfer: Our Unclaimed Property system allows to Account and Reports staff to check for setoff prior to paying claims made by the public, the availability of outstanding, paid and outlawed warrants kept online, and the historical and current distribution data made to city, county and private entities through web services.

Electronic Records Retention: We routinely create backups for all electronic records generated or captured by our business applications. All electronic records are backed up and stored in a format that is compatible with the software and hardware currently used in production.

E-Government: We have deployed several applications for use across agency boundaries as well as into the public sector to interact with businesses as well as the general public. We have the long-range goal of providing links to all appropriate systems via the Internet. For the benefit of other state agencies we currently have information on approximately 53.3 million paid state warrants available for online viewing. Agencies can download their paid warrant information for the previous 60 days and they can download their outlawed warrant information on a monthly basis. We built and host SOKI[3] which currently contains five different modules, Receipts, Interfunds, Journal Vouchers, and Ordering for all other state agencies. For the general public we offer Unclaimed Property searches to allow for the return of money that rightfully belongs to the individual citizens of Kansas. We also allow for the submission of holder reports online for the businesses that turn over the unclaimed property to the custody of the State Treasurer. Information and the downloading of lender packets for the Agricultural Production Loan deposit program and the Kansas Housing Loan deposit program are offered on our website in addition to information about, as well as the ability to sign up for, Learning Quest, the state's 529 post-secondary education savings plan.

End User IT Security Training: Annually a security refresher paper is distributed to each staff member. After review, the staff member is required to sign the paper and the copy is retained in their personnel folder. In addition, regular emails are sent out to all staff as to make them aware of new situations they may encounter and how to react to those situations.

Identity Management: Our agency utilizes various secure information sites, using PKI as a method of data encryption and verification of a user's digital identity. These sites may require either the use of a digital certificate on a user's PC or a fob. Our agency VPN is Cisco secured with RSA SecureID token technology.

IT Disaster Recovery: None reported.

IT Security Staff: We do not have one specific position that is charged with IT Security, the size of our agency does not allow for this. When planning an IT initiative security is always a priority and is taken into consideration.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: Our data network infrastructure is a Gigabit switched network. Our current storage is all direct attached storage. We run multiple platforms as referenced in the Agency Architecture section. The majority of our servers run on Windows 2003 but we are moving to Windows 2008 as we replace servers. We continuing to migrate all our databases to an SQL architecture and we have focused on MySQL. We incorporate a VPN to connect a non-networked PC to the Federal Reserve. Our switch stack was replaced during FY2007.

Veterinary Examiners, Board of (Agency #700)

BUSINESS PROGRAMS:
Veterinarian Licensing
Veterinarian Technician Registration

MISSION: To promote public health safety and welfare relative to the practice of veterinary medicine.

SFY 2009 BUDGET: **$268,925.00**
SFY 2009 FTE: **3.0**
SFY 2008 IT EXPENDITURES: **$4,172.09**
WEBSITE ADDRESS: **http://www.accesskansas.org/veterinary/**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	0	0	0
Virtual Servers	0	0	0
Desktops	3	3	3
Desktops Replaced	1	1	1
Mobile Devices	0	0	0

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: None Reported.

STRATEGIC DIRECTION AND OBJECTIVES: The Kansas Board of Veterinary Examiners only has three employees, and three stand alone PC's. I would anticipate that in the next 3 years, we may need to replace these PC's at a rate of 1 pc replacement per year, purchasing direct from Dell on the state contract.

Aging, Kansas Department of (Agency #621)

BUSINESS PROGRAMS:

Agency Operations
Medicaid Programs
State Funded Grants & Programs
Program and Policy
Federal Grants
Licensure, Certification, & Evaluation

MISSION: The Kansas Department on Aging promotes the security, dignity, and independence of Kansas seniors.

SFY 2009 BUDGET: **$499,008,535.00**
SFY 2009 FTE: **407.90**
SFY 2008 IT EXPENDITURES: **$984,171.23**
WEBSITE ADDRESS: **www.agingkansas.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.1	.8	1.1	.8	1.1	.8
Application Maintenance and Enhancement (in-production systems)	.4	0	.4	0	.4	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	3.1	.1	3.1	.1	3.1	.1
Data Administration, Data Analysis/Validation and Database Administration	1.4	0	1.4	0	1.4	0
Network Engineering, Technical Management and Support	2.4	0	2.4	0	2.4	0
Computer Operations, Management and Technical Support	4.2	0	4.2	0	5	0
Web application development and maintenance	.8	0	.8	0	1	0
IT Security	.6	.1	.6	.1	.6	.1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**14**	**1**	**14**	**1**	**15**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	35	43	43
Virtual Servers	0	2	4
Desktops	182	170	175
Desktops Replaced	15	48	58
Mobile Devices	74	97	102

SFY 2008 MAJOR APPLICATIONS:
Kansas Aging Management Information System II (KAMIS II)
Automated Survey Processing Environment (ASPEN)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During SFY 2008, KDOA's ISD was busy enhancing the Kansas Aging Management Information System and upgrading the network environment.

July 2007:

- Upgraded GroupWise Email system, including all workstation clients, to Version 7.0.2.
- Support for KAMIS-II and Web Applications implementation.
- Provided support for all 670 nursing facilities, adult care, ICFMR, and home plus facilities across the State who required user assistance with the LCE Semi Annual Report Web Application – first time utilized by users.
- Installed and set up a second Imagenow Server system for Imagenow Imaging system contingency. Mirror the production image data to this new ODC, (off site), server.
- Built an additional Windows 2003 web server for web site staging area. Set up Contribute Publishing Server on the web server for certain users on our LAN to publish new and edited material to KDOA web sites.
- Worked with contractors for state key card system central management to Capitol Police. This was an equipment upgrade and management turnover from KDOA to Capitol Police, which required planning and coordination for the Ethernet network switch and routing requirements.
- KAMIS II – The conversion of the KAMIS application from a client-server model to a web centric platform was implemented in July 2007. This project included the rewriting of over 120 pages (data panels), utilizing the existing database structure and design model used for KAMIS I.
- Problem Reporting System – An online, web base problem reporting system was implemented in July 2007 to assist the KAMIS users in reporting problems with the KAMIS II application and providing a tracking system for their resolution. This application also provided an online workflow process for the review and distribution of problem reports.

August 2007:

- Installation and Support for LCE – CMS QIS application that went live.
- A third SHICK call center was added to the Jayhawk AAA office in Topeka. Coordinated phones and rollover phone requirements between the other two call centers. Coordinate workstation computers as required.
- Upgraded all Windows 2000 Servers to Windows Server 2003. 19 Servers total.
- Implemented Rlan DSL Data connection circuit for PSA04 Jayhawk AAA in Topeka, and PSA07 East Central AAA in Ottawa. These Rlan DSL data circuits are much faster than their previous frame relay circuits, and cost less per month.

- Reviewed “ready talk” web conferencing solution with SHICK staff as possible solution for agency wide web conferencing ability. SHICK had asked for ISD input while they made determinations.

- Set up and Administer Adobe "Contribute Publishing Server" Clients for webmastering rights, allowing key staff other than ISD to publish web pages to KDOA web servers.

September 2007:

- Implemented Tipping Point IPS, (Intrusion Protection System), device. Various device brands were tested by KDOA ISD in the latter part of FYE07. Decision was made to purchase the Tipping Point solution, and the system was implemented. KDOA ISD is committed to keeping our network systems safe and secure from outside threats, intrusions, and security risks. This proactive device helps to maintain our computer network security integrity.

- Upgraded the Hiawatha AAA data circuit from 368 kbps to 768 kbps, doubling their bandwidth. Rlan DSL is not available in Hiawatha as was originally planned to implement.

- Phase 1 of lifecycle replacements for desktop computers. Replaced 1/3rd of total desktop computers, (48 each).

- Set up Solaris automated scripts on production web applications servers to automatically check APEX system status, report, and start services if not running

October 2007:

- Conducted in house user training for Microsoft Access and PowerPoint software.

- Implemented the copiers as printer’s project. All agency copiers at 503 Kansas were connected and configured as network printers to the LAN, (local area network). This enabled users to print directly to copiers from their desktops, which is more convenient, and much more cost effective per copy than using laser printers alone.

- Solaris Administrator worked with DBA, and with Oracle Contractor on SSO, (single-signon) project for web applications. Implemented Solaris "noatime" concept to double the speed of Oracle DB Imports. Implemented with Oracle DBA, Oracle "datapump" export to facilitate the moving of data to the ODC database servers.

- Performed testing and training for new Caregiver Assessment Process in KAMIS.

- The main KDOA website was redesigned and published into production.

- Caregiver – a new module was added to the KAMIS II application which facilitates the tracking and reporting of Caregiver information and the service plans that are established for each Caregiver.

November 2007:

- Integrated LCE CMS - QIS software into the ImageNow imaging system for use with QIS.

- Installed legal size paper trays to all 503 KS shared color laser printers

- On the Solaris Web Applications servers, a crontab-driven script was implemented to do an Oracle-export for ImageNow (INOW6) database, and secure ftp data to the ODC nightly.

- Performed new Expedited Service Delivery Process testing in KAMIS, and held web based Seminar for ESD user training during implementation of ESD.

- Hosted Web based Training sessions for CARE users.

- Timesheet System – An online, web based timesheet system was implemented in the Fall of 2007 and all of KDOA is now utilizing this online system to enter Request for Leave transactions and Bi-weekly time reporting. This system also provides initial reports to accounting which are utilized in the reports for Program and Cost Objectives. This included testing, installation and development of training documentation.

- Expedited Service Delivery – The KAMIS II application was enhanced to handle the new state program for the early creation of services, with the guaranteed funding by the state if the client does not qualify for Medicaid payments.

December 2007:

- Rebuilt and upgraded the Citrix server farm on Windows 2003 Server platform as part of Win2k3 server upgrade project.

- Replaced the off site Windows Active Directory domain controller, and public DNS server with a new server at the ODC for contingency of our computer network systems. The server is a major impact contingency unit that maintains all public DNS tables, which in turn would control the launch or failure of off site access to KDOA contingency systems in the event of an emergency at 503 KS.

- Upgraded to version 4.32 Novell iPrint network printing services and workstation clients.

- Filled the vacant Network Administrator position. This position is extremely important to KDOA computer network operations.

- Upgraded Aspen software on all computers, tablets, and laptops to version 9.1 per CMS requirement.

January 2008:

- Rebuilt and upgraded version of the network Patch Server. The patch server keeps all network and workstation software, including operating systems, patched to current levels from a central point of administration. This is very essential for proper security in regard to keeping operating system patch levels current across the local area network.

- Installed, configured, set up and tested new product called Double Take. This software is used between the on site and off site ImageNow imaging system servers to keep the imaging data synchronized in real time, for contingency, in case of an emergency at the 503 KS building. It also serves as an emergency backup should the production imagenow system fail.

- Implemented Rlan DSL data circuit at PSA05 in Chanute. Rlan DSL data circuits are much faster than their previous frame relay circuit, and cost less per month.

- Upgraded Imagenow server software, clients, and system components to version 6.1.2. This project required an in order three step upgrade. Versions 6.0.1, to 6.1.1, and finish with 6.1.2. The major imaging system upgrade also was performed on the ODC Imagenow system servers.

- Implemented SNMP product "What's up Gold" on the Local Area Network. The product is a server based network monitoring utility that will help ISD staff identify problem areas with network devices, traffic, equipment alarms, and system alerts.

- Upgraded 7 each Blackberry handheld units to new "curve" models.

- Provided support for all 670 nursing facilities, adult care, ICFMR, and home plus facilities across the State who required user assistance with the LCE Annual/Semi Annual Report Web Application.

- Provided the annual NAPIS year end reports. Documented process of extraction from Oracle database.

February 2008:

- Implemented Rlan DSL data circuit at PSA03 in Hays. Rlan DSL data circuits are much faster than their previous frame relay circuit, and cost less per month.

- Wired for service new telephone and data jacks at 503 KS to accommodate new cubicles that replaced the space created by removal of the lektriever units on the 1st floor.

- Completed Microsoft XP Operating System upgrade to all agency computers and laptops.

- Performed version update to Tipping Point SMS Server, sensor unit, and client.

- Assisted with Governors Conference registration program, and printing of posters from the plotter printer. Provided a technician on site during the conference.

- KDOA Inventory System – The initial phase of the KDOA Inventory system was developed and replaced an older system that was using three different recording methods for consumable inventory. In addition, a supply catalog system was implemented which directly utilizes the consumable inventory database entries, allowing for more consistent tracking of office supplies. An online Request to Purchase and Purchase Order system was also developed which will eliminate the need for a paper based system and associated independent tacking and database systems.

March 2008:

- Upgraded and implemented a new four head tape backup machine and library. The old unit was a two head unit, and was replaced under system life cycle. The new tape machine is much faster, allowing adequate tape backup of all critical network server files and data each night, with full backups occurring each weekend. Four simultaneous backup jobs can be performed at once with the new unit. Tapes are stored off site for contingency.

- Storage space for file servers was increased three times over the year, as well as GroupWise email account size limits. Solaris server storage space was also increased, meeting the requirements for web applications as they were being created. All space gain was applied to the Storage Area Network unit.

- KDOA Domain name change from aging.state.ks.us to aging.ks.gov project. This was a major system change that was researched for approach methods to facilitate. The email system was changed first, with email address format changed to firstname.lastname@aging.ks.gov. All other network systems dependant upon this Domain name are being switched over time. The agency network ran under dual domain names to provide a smooth transition. All new email addresses were automatically imported into the sharps system for the state white pages update. The implementation has been successful with no failures or downtime.

- The Surf Control web filter server was rebuilt and upgraded with the newest version.

- Performed a BEA WebLogic license audit. Gathered info BEA required, ran utilities, proved ownership, and cleaned up old non used licenses.

- Completed implementation of ImageNow, (INOW6), Oracle DB replication from 503 KS to the ODC site.

- Governor's Conference Online Registration – The annual Governor's Conference registration was able to take advantage of the online web base registration system, so that both internal and external participant could register. All registrations for the conference were placed on the system with a majority of the entry being performed by each participant.

April 2008:

- Implemented a new VRF, (Virtual Route Forwarding), data circuit for the Chanute LCE regional office. This was the last step in the master plan to put all LCE regional offices on VRF networks. Several other locations were completed FYE07. The VRF network effectively places the offices on the same LAN with 503 KS for central administration of network resources, security, and access.

- A second Fiber Channel switch was added and trunked into the existing fiber channel switch for the Storage Area Network unit. We had run out of available ports on the original switch, and could not add any more servers to the Storage Area Network. The new switch will allow us to add additional servers to the SAN, and is expandable past the initial 8 ports for future expansion. The change was prompted by attempting to configure the two new T2000 SUN servers. There was no ports left to keep existing production servers connected, while adding two additional during pre configuration of the new servers.

- Rebuilt the ODC GroupWise email server with a new server unit. This was an upgrade to old server hardware that was near failure. This provides much better contingency off site for our email system.

- Upgraded patch server software to new server hardware. Rebuilt OS and installed Zenworks patch server software and agents from scratch. Placed into production. The patch server keeps all network and workstation software, including operating systems, patched to current levels from a central point of administration. This is very essential for proper security in regard to keeping operating system patch levels current across the local area network.

- Rack mount, connect, install OS & set up two new Sun T2000 servers - Life cycle at 503 KS. Migrate data and applications from old Sun servers. Strip data, clean, package, prep, and ship two old E250 servers back to SUN for new T2000's under SUN server trade-in program. These servers are used for the KAMIS AdHoc Discoverer application.

- This equipment also will serve as the foundation for the new application server environment, under which all application will run.

- Developed KAMIS-II user instruction manuals.

- Place Farmers Market training module on Kansas Train

- We had multiple staff moves during the FYE requiring extra coordination, wiring, telephone, and computer planning and preparation.

May 2008:

- Coordinated with DISC at the ODC for a major SAN upgrade at that location. All KDOA ODC servers had to be coordinated with DISC, and then reconnected to the new switch fabric and SAN unit there.

- Upgraded all public desktops and laptops to Symantec end point firewall, antivirus software suite.

- The Intranet web site was re-organized, re-written, and published into production.

June 2008:

- A major staff move at the Chanute LCE regional manager's office was completed. Staff moved from a KDHE location in the building, to a larger SRS location in the building. A new office at the SRS building at Chanute had to be wired and set up. This required coordination between SRS, KDHE, DISC, KDOA, and a wiring contractor. The new area has more connections than the old area had. Telephone and computer data line wiring service had to be planned and wired in agreement with SRS ITS guidelines. The move was smooth after system connections were in place, internet routing completed, and telephone lines facilitated.

- Engineered a new method to connect the new SUN T2000 life cycle replacement servers to the backbone network. All previous SUN servers had fiber interfaces to connect this with. The new servers do not provide fiber connections for network IP traffic, and have since moved to 1 GB copper connections. To facilitate the 1 GB backbone network for data replication, the concept was engineered to use a copper switch. A new copper switch was purchased and implemented. The switch also has fiber connections. All new T2000 servers will connect to this switch using copper, and the switch itself will connect to the fiber switch that connects to all the other sun servers. As life cycles replace the older fiber based connection SUN servers, all of them will connect to the copper switch in the future. For now, both systems will work as designed with this change – the new servers on copper, the old servers on fiber, and connected between with the new switch to complete the web applications servers' backbone network.

- CARE – CARE Level I and II print views were established from the KAMIS II application, enabling the SRS department to view information from KAMIS without the need to place a request within KDOA and utilize valuable staff time. We also consolidated several web panels in order to make data entry of CARE information quicker and easier for the user.

SFY 2008

- Long Term Care / Resident Review – The Long Term Care units throughout the state continue to use on a bi-annual basis this online, web application for reporting their resident statistics. This past year we enhanced the system to enable the users to effectively retrieve their semi-annual and annual forms, resulting in the best response timeframes for data entry and review.

- For 07/01/07 through 06/30/08 the total IT Support Track-it work order tickets was 3,660.
- Total Web Applications problem reports tickets was 3,980. Total work tickets for SFY08 were 7,640.

STRATEGIC DIRECTION AND OBJECTIVES: KDOA has continued to increase functionality and improve performance for KAMIS users statewide. The KAMIS application has been converted to a web-based system using "Application Express" from Oracle. This tool uses HTML, PL/SQL procedures and SQL statements to develop the code for a web-centric system. Oracle's Application Server is being used for deployment of the application to the internet. Several new modules have been added to KAMIS. This includes the ability to track and report on caregiver information and service plans. Enhancements were made to accommodate the new state program for the early creation of services, with the guaranteed funding by the state. Also included was new functionality to track persons leaving nursing facilities who qualified for additional assistance.

KDOA has installed a new internal Timesheet System. The system is web based and is being utilized by the KDOA staff to enter request for leave transactions and bi-weekly time reporting. This system provides reports to accounting for Program and Cost Objectives. Phase 2 of this project will be to incorporate time and labor tracking for the Nursing Facility Survey and Certification field staff. This will assist KDOA in reporting for funds reimbursement. It will also allow KDOA to eliminate the Lotus Notes application in the near future. The state wide financial system (Sunflower FMS project) will be reviewed to determine if the Labor Distribution functionality can fulfill this requirement.

The initial phase of development has started on a Consumable Inventory application. This development will continue due to the tight coupling between consumable, asset management and purchasing. Development on the asset management and purchasing portion has not started. Current functionality includes recording inventory, a supply catalog, online request to purchase and purchase order system. These modules will provide more accurate tracking capabilities and eliminate a paper based system.

KDOA upgraded to a new four head tape backup machine and library. The old unit was a two head unit, and was replaced under system life cycle. The new tape machine is much faster, allowing adequate tape backup of all critical network server files and data each night, with full backups occurring each weekend. Four simultaneous backup jobs can be performed at once with the new unit. Tapes are stored off site for contingency.

Many new initiatives from the business units will broaden the types of applications that will need to be developed over the next year. Utilizing "Application Express" KDOA can develop and deploy web based applications in house in a rapid fashion.

KDOA continues to work towards implementation of the 'single sign on' project for web applications.

KDOA will conduct analysis of many back end business processes for accounting, purchasing, facilities and property management, and human resource management to determine where these processes can be automated to improve productivity and save cost within the departments. The analysis and develop of the systems will be conducted by Agency ISD staff.

There will be continued effort on the development of a Business Continuity Plan for the organization. The primary objectives of the Plan are: (1) To continue critical business processes until normal operations are restored; (2) To identify the role that "essential" employees are to play in the business recovery; (3) To minimize the inconvenience and potential disruption to customers.

Data collected by the Nursing Facility Survey and Certification field staff is entered into systems managed by the Department of Health and Environment and the Federal government contracting with Meyers & Stauffer. KDHE has a consolidated database used for statewide reporting of all licensures and certification activity (hospitals, nursing facilities, group homes, etc.). Due to the technical requirements of the existing system which KDOA is currently unable to support (Lotus Notes and AS/400), KDHE will continue to support data capture by KDOA field staff. KDOA will be conducting an analysis of this system to determine methodology to convert to a KDOA system.

Agency Architecture: KDOA uses Sun Solaris and Windows 2003 servers for its mission-critical software. KDOA uses Oracle's Application Express as its major software development tool and Oracle database components. This infrastructure and the experience gained with the development of KAMIS-II are extensible to new areas of thin client based business application. KDOA uses Novell products (NetWare and GroupWise) for primary Local Area Network file storage, print services, network management, and email. Microsoft Windows Server computers provide Active Directory integration for other necessary network functionality such as antivirus suites, security suites, email Spam filtering, DNS/DHCP/WINS, and web servers to name a few. The Windows servers have all been upgraded to Windows 2003. All three types of servers share XIOTech Magnitude 3D disk storage, with RAID protection, in a fiber-optic Storage Area Network. The current agency standard is Microsoft XP for desktops and laptops.

Business Contingency Planning: KDOA has an interagency agreement with the Kansas Department of Agriculture to securely store media containing backup copies of the other agency's data files. The software, licenses and procedural documentation necessary to re-establish computing center capability after a disaster continue to be developed by the technical staff. KDOA's Business Continuity Plan has never been finalized and requires more review by executive management for necessary changes, additions, etc. so a final Plan can be released. The ISD division has a computer continuity plan for itself. In case of disaster at 503 KS, we have a contingency plan worked out and documented. Procedures to make systems work at the ODC, how to ghost workstations back at a hot site that may be set up etc…The over all contingency plan for the agency however, is as listed – and never has been completed.

Business Process and Workflow Management: KDOA has an in-house built workflow process within our Time Sheet, Problem Reporting and Inventory systems. These applications are developed with Oracle's Application Express software. We also utilize 'Image Now' document management software from Perceptive Software. This software provides workflow management for document routing.

Collaboration Software: Novell's GroupWise is the e-mail platform used to exchange information between internal department and external business organizations. Currently, instant messaging is not used for any KDOA business processes. KDOA uses Blackberry server software to allow synchronization from personal computer to download e-mail messages to hand-held devices. XML is used for data exchange between KDOA's KAMIS and KHPA's MMIS system.

Data Storage and Administration: KDOA is using Oracle databases for the mission critical applications for the agency. The security of the data is the responsibility of the Database Administrator (DBA) who performs the security functions to protect data integrity. This includes protection of the databases against intruders inside and outside the agency. The privileges and roles to access the data is granted by the DBA on a need to accomplish job responsibilities by users. KDOA uses a Storage Area Network (SAN) and stand-alone servers for data storage. The majority of the data storage is contained on the SAN device. Currently approximately 3.50 TB of storage has been allocated for data. Approximately .5 TB of data resides on stand-alone servers.

Data Transfer: The Kansas Aging Management Information System (KAMIS) will continue to share information with the Medicaid Management Information System (MMIS) for pre-authorization of client services. The MMIS system is administered by EDS. The Automated Computerized Complaint Enforcement and Survey System (ACCESS) managed on an AS400 within KDHE will continue to be used by KDOA's Licensure, Certification and Evaluation Commission within KDOA in the foreseeable future for licensure. A good portion of the functionality of ACCESS has been integrated into the Federal ASPEN system.

Electronic Records Retention: KDOA lacks a comprehensive plan and procedures for dealing with electronic records. The agency's Records Retention Schedule identifies how long classes of records (paper or electronic) must be preserved and when they should be either destroyed or archived. A document imaging and workflow system has been implemented for the documents utilized for the Automated Survey Processing Environment (ASPEN) system. Other departments will be utilizing the document imaging system in the future.

E-Government: E-government efforts within the Aging network are largely informational through the use of the agency's main website – guidance on where Kansas seniors and their families can turn for help, when needed. Due to a variety of medical, social, regulatory and fiscal factors, assessments of Aging program customers, as well as their registration for services, must be performed by trained social workers. This business model prompts an emphasis in aging information systems to support case workers and aging network organizations rather than direct interaction with our customers.

End User IT Security Training: An annual IT security training program is given to the employees. It is a mandatory requirement to attend.

Identity Management: *K*ansas Aging Management Information System (KAMIS) currently is using programs developed for KAMIS II which perform user authentication administered by KDOA using LDAP, but considering the use of Oracle's identity management for authentication. KDOA currently has no initiative to use digital certificates for electronic signatures.

IT Disaster Recovery: KDOA has determined the mission-critical applications needed to be restored in a very timely fashion. A disaster recovery site has been established at the data center in the Historical Museum. Data is replicated to this site daily for synchronization of information between the home office and disaster recovery site.

IT Security Staff: Currently, the Support Manager and the Network Administrator are responsible for the security of the network including the Novell and Windows servers. The data on the Storage Area Network is also the responsibility of these staff members. The Database Administrator is responsible for the data integrity of the data residing on the SUN servers. Currently there are no plans to have a dedicated IT Security position.

Public Key Infrastructure: *KDOA* does not have any current plans to utilize electronic signatures or PKI digital signatures.

Service Oriented Architecture: KDOA initiatives are internal to the organization. We have taken an approach of skills development, in order to move the agency toward greater adoption of this technology.

Technology Infrastructure: The Information Services Division at KDOA has upgraded servers using Windows environment to Windows 2003 operating systems. The desktops and laptops operating systems have changed to Windows XP. We anticipate the sun setting of the CITRIX server. An Intrusion Protection System, (IPS), was implemented in FYE 2008. Various IPS vendor brands were tested by KDOA ISD in the latter part of FYE07. Decision was made to purchase the "Tipping Point" brand solution. KDOA ISD is committed to keeping our network systems safe and secure from outside threats, intrusions, and security risks. This proactive device helps to maintain our computer network security integrity.

Guardianship Program, Kansas (Agency #261)

MISSION: To assure that adults who are without family or financial resources and who are identified by SRS as in need of a court appointed guardian and/or conservator will have available a qualified trained and caring volunteer to serve as their legally appointed guardian and/or conservator.

SFY 2009 BUDGET: **$ 1,311,606**
SFY 2009 FTE: **12.0**
SFY 2008 IT EXPENDITURES: **$46,174**
WEBSITE ADDRESS: **http://www.ksgprog.org**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	6	5	3
Virtual Servers	0	1	1
Desktops	17	17	20
Desktops Replaced	0	3	0
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None Reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In SFY 2008, we replaced the last of our servers that were running Microsoft Windows 2000. We also began moving to a virtualized server environment for future cost savings.

STRATEGIC DIRECTION AND OBJECTIVES: We are a small agency with no full-time IT staff. We have no plans for major IT changes in SFY 2009

Agency Architecture: No Deviations

Business Contingency Planning: We backup all data off-site on a regular basis. These backups can be used to restore data to any alternate locations in case of a disaster.

Business Process and Workflow Management: As a small agency, we have no short-term need of workflow management.

Collaboration Software: Not Applicable

Data Storage and Administration: We have approximately 15 GB of office documents, stored on a Windows server; a small, custom file-based database, stored on the same server; less than 10 GB in an accounting database; and approximately 15 GB in a document management database.

Data Transfer: We have no intra-agency data transfer beyond shared files. Any intra-agency communication is via e-mail.

Electronic Records Retention: We have no policies regarding electronic records retention at this time.

E-Government: We offer many forms for on-line submission, as well as a web page for information and e-mail contacts. We have no plans to change any of our existing systems in regards to communication to the public or other government agencies.

End User IT Security Training: We do not provide any IT security training. No personal identifying data is taken offsite by employees. Due to these mitigating factors, we have no plans to implement such training.

Identity Management: None planned.

IT Disaster Recovery: We keep monthly backups off-site, as well as nightly backups on-site.

IT Security Staff: We are a very small agency and have no full-time or part-time IT staff.

Public Key Infrastructure: We have no PKI, nor plans to implement PKI.

Service Oriented Architecture: Not Applicable

Technology Infrastructure: In the next three years, we hope to move our database from file-based to client-server based. Beyond that, any technology changes we foresee will be for the purpose of keeping current with maintenance, rather than entire new infrastructure changes.

Labor, Department of (Agency #296)

BUSINESS PROGRAMS:

Administration and Support Services
Workers Compensation
Labor Market Information Services (LMIS)
Information Technology
Unemployment Insurance
Industrial Safety & Health
Legal Services

MISSION: The mission of KDOL is to advance the economic well-being of all Kansans through responsive workforce services. The agency envisions a Kansas where diverse people of wide-ranging talents and vital enterprises prosper in a resource rich state. This mission is carried out by providing quality services effectively and efficiently for all Kansas citizens.

SFY 2009 BUDGET: **$362,216,329.00**
SFY 2009 FTE: **552.00**
SFY 2008 IT EXPENDITURES: **$25,905,131**
WEBSITE ADDRESS: **http://www.dol.ks.gov**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	5	4	5	4	5	4
Application Maintenance and Enhancement (in-production systems)	13	4	13	4	13	4
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	3	2	3	2	3	2
Data Administration, Data Analysis/Validation and Database Administration	1	0	1	0	1	0
Network Engineering, Technical Management and Support	3	1	3	1	3	1
Computer Operations, Management and Technical Support	12	0	12	0	12	0
Web application development and maintenance	2	2	2	2	2	2
IT Security	1	0	1	0	1	0
Other IT Functions (please identify) Telecommunications, Project Management	5	2	5	2	5	2
TOTAL FTEs	**45**	**15**	**45**	**15**	**45**	**15**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	100	75	25
Virtual Servers	10	25	40
Desktops	500	250	400
Desktops Replaced	N/A	250	100
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
Unemployment Insurance
Tax, Appeals & Benefits Self-Service System
Support Services
Workers Compensation
Labor Market Information

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- LMIS UI Data Validation Project – The efforts of this project ensured the accuracy, and compliance of data housed by the KDOL with the US Departent of Labor guidelines.
- Workers Comp Closed Claim – This desktop application was rewritten from FoxPro to Web Client-Server application. This alleviated desktop installation for clients, and provided a more user friendly application.
- Federal NewHires Fraud Cross-Match – Added the additional Federal NewHires data to the State NewHires fraud cross-match programs. This increased the possibilities of identifying fraud.
- Perb Imaging Project – This allows PEERA/PNA decisions to be searched online utilizing a Google Search Appliance and viewed in electronic form for decisions dating back to 1990.
- Unemployment Insurance Imaging Consolidation – This consolidated the Benefits & Contribution file rooms into one Unemployment Insurance file/imaging department.
- ACH Credit Project - This allows large Employers and Third Party Administrators the option of filing and paying Quarterly Wage via direct bank-to-bank ACH Credit
- Tabs Password Reset – This allowed customers the option to self-reset their passwords with increased security measures alleviating manual password resets by KDOL staff.
- Wichita Office consolidation of 3 locations into 1 shared office location
- Mail Conversion Project – This project reduced postage costs by converting over to commercial mail and the use electronic documents when possible.
- SUTA Dumping – A SUTA Dumping detection system was built to detect Employers that were SUTA dumping, assign them new SUTA accounts with penalties, and calculate new SUTA rates.
- Started the Implementation of the Unemployment Insurance Modernization Project Phase II.
- Released the RFP and conducted Orals for the ALMIS system.
- Released the RFP and conducted Orals for the UI Debit Card Benefit Payment Project

STRATEGIC DIRECTION AND OBJECTIVES: The new KDOL Strategic Plan defines a new vision and direction for the agency. It was developed with input from a task force of 15 members from KDOL divisions and executive management.

KDOL has many responsibilities important to businesses and citizens of the state. The agency administers the unemployment insurance program and processes claims for unemployment benefits. KDOL operates the state's workers compensation system, workplace safety programs and enforces Kansas employment standards including wage and hour laws and child labor laws. The agency also houses a research unit that compiles critical data on the labor force in Kansas.

KDOL is measured by its ability to deliver these workforce-related services to its customers in a cost-effective and efficient manner.

Changes in federal and state funding, recent agency layoffs and organizational restructuring all have played a role in KDOL's decision to rethink how it will operate in the future.

The vision for the future direction of KDOL is based on the use of two key concepts: customer-focused assisted self-service and integrated operations.

Assisted Self-Service

Since its inception, the Internet has significantly changed how people work, shop, play and communicate. Many companies and government agencies have developed self-service options for individuals to conduct business and receive services. In most cases, these self-service options help customers receive better, faster interaction with a business or government agency. Access to services and information is easier and more convenient as people need not drive long distances, stand in line or wait on hold to get assistance.

Self-service options also improve the quality of information provided to customers. All customers get the same information and they can get as much or as little as they need.

Additionally, self-service options can decrease the cost of operations for a business or government agency. Many self-service options reduce the need for data re-entry on the part of the agency and reduce staff time spent on processing paperwork. Self-service also delivers more accurate information to the agency as information is entered only once, by the customer. In fact, some businesses now add special fees to transactions that **are not** completed online.

Almost all self-service options include the opportunity for personal assistance to individuals with questions. For example, many supermarkets and the post office have implemented assisted self-service options for checkout or mailing packages. A customer scans and bags their items at the supermarket and even uses a debit card to pay, but the store has someone available near the checkout stand to assist customers using new technology and to help them handle unusual situations.

Expanding assisted self-service options for both Kansas citizens and employers offers KDOL the opportunity to move simple yet labor-intensive activities to a more modern setting. Activities that require a lot of staff involvement, such as claims filing, case processing or employer data reporting, could be shifted to self-service, enabling customers statewide to interact with the agency day or night.

The long-term benefits of assisted self-service are:

- improved customer satisfaction levels,
- reduction in paper processing and errors,
- increased overall staff productivity, and
- eventual reduction in manual forms, data entry and many other manual tasks within the agency.

Integrated Operations

All programs and functions at KDOL will be viewed from an agency perspective rather than an individual division or unit perspective. Instead of each division operating as an “island,” we will all function together as a cohesive group.

Integrated operations can remove inefficient and duplicative operational practices between programs. In Unemployment Insurance and Workers Compensation for example, both programs interact with citizens to process claims for benefits; both programs have appeal and adjudication processes; both have data entry requirements and there are other processes that both programs share. The programs do have different business rules and funding sources – Unemployment Insurance is primarily federally funded and Workers Compensation is primarily state-funded. But that does not mean that similar functions can’t be performed together.

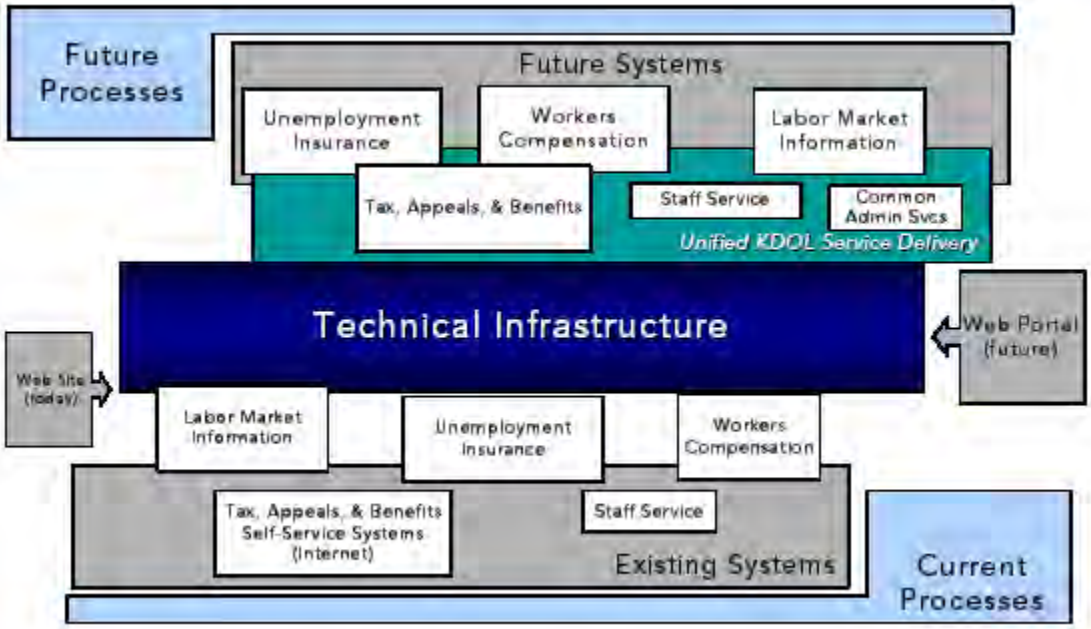
In the past, KDOL's programs have operated as "islands" or "silos", each standing alone with very little interaction on common issues. As a result, we have a lot of similar processes performed all over the agency in different divisions. This is not a fiscally sound management practice.

Kansas citizens and employers should feel they are working with KDOL rather than individual divisions or programs. To implement this, it will first mean having a "common," integrated feel for all agency services. KDOL will deliver services to customers through a single point of contact. Citizens and businesses will no longer see Unemployment Insurance or Workers Compensation as separate divisions but rather as single entity – KDOL – that offers a full set of services to meet their workplace needs.

One way this single point of contact can be supported is through expanding the agency Web site into the point of entry for all internal and external services. A single, secure sign-on entry point will permit customers, researchers, government entities and staff to access information based on their needs.

In addition, integrating operations will mean reducing or eliminating the multiple service delivery options that exist today. Instead of giving customers dozens of ways of interacting with KDOL, including automated phone services, online services, live-person phone services and more, the agency will focus on a primary method for customer interaction. This will be easier for KDOL to support and ultimately save money.

The future KDOL technology environment will be based on a set of coordinated architectures that combine to support the vision and goals of the agency. This architecture provides the conceptual basis for understanding the vision and intent that will move the agency toward the desired future environment. This future technology environment will remove any barriers that are tied to many of the current "stovepipe" business practices and redundancies in the agency.



Key characterizes of the KDOL applications environment include:

- A “one-stop” web portal that provides a single point of entry for the capture of and access to the agency.
- Robust applications that capture the information needed for day-to-day operations, as well as for downstream reporting and analysis.
- Enhanced electronic communications capabilities for customers and staff.
- Replacement of redundant administrative applications that support the Unemployment Insurance and Workers Compensation operations.
- Elimination of data redundancy and building of an enterprise data repository for common data components.
- No stove-piped application and technical environments, which facilitates improved support and information sharing.
- A propensity to buy verses building applications to reduce risk, acquire products with long-term viability, and free up technical resources to focus on components of KDOL that are not available as off-the-self vendor products.

KDOL has received approval to replace its UI application, which is a large application that will take about 3 years to replace. The agency plans to implement a new technology architecture that will be the foundation for building this application. This architecture is planned to include both traditional application and database components as well as content management components. This strategy allows the agency to reengineer business processes, integrating new applications and content management capabilities to create new technology-enabled business processes. The intent is to replace other line-of-business applications (Workers Compensation) using this same architectural framework. This will increase the usefulness of technology to the business by using common services and reducing the variety of technology that the agency must support. Information Technology (IT) staff productivity should increase and system total cost of ownership should decrease.

The applications that support KDOL’s lines of business (UI Benefits, UI Tax, and Workers Compensation) need to be replaced. They contain many deficiencies that constrain the business from operating more efficiently. Implementing content management over the top of old dysfunctional applications will exacerbate the business IT problems.

The agency is currently transforming its IT organization from a legacy mainframe application maintenance group to a project-oriented, modern technology implementation paradigm. Many KDOL staff are retiring and being replaced by younger staff with training in modern technology. KDOL currently has limited IT management capability. The strategy is to leverage the UIM project to develop IT management and staff capabilities and capacity. Through bringing in external system integrators and focusing on a single architecture, the agency can build capacity and capability. This will take time and effort to accomplish since it requires a significant cultural change within the IT organization.

The first Phase of the UIM project has been completed. The Core UIM team working with IBM analyzed the existing systems and business processes. Applying business process reengineering methodologies, they have designed the new business processes and the core requirements that will define the new business and organizational model.

Recommendations

- The UIM project should be leveraged to implement an enterprise architecture that includes content management and application services. Line-of-business applications should be re-hosted and replaced on the common enterprise architecture.

- Information systems replacement should be driven by business process improvements. New business concepts of operations should integrate applications and digital content to support business innovation.
- The agency needs to build capacity and capability to implement modern information systems. This is difficult work that requires leadership and focus.

Agency Architecture: KDOL plans on migrating from its current mainframe platform to a common application framework or application that will be utilized to support all business units within the agency on a new computing platform consistent with the State's architecture plan. We are also doing a VMWare server consolidation Assesment performed by ISG in this fiscal year.

Business Contingency Planning: KDOL underwent an assessment provided by ITSC. This has identified risks and strengths of our current plans. This feedback is being used to strengthen our ability to recover from a major disaster.

Business Process and Workflow Management: None reported.

Collaboration Software: KDOL currently uses Microsoft Exchange for its email platform and has also implemented Microsoft SharePoint Services for intra-agency collaboration to support the UIM project and other various initiatives.

Data Storage and Administration: As part of the UIM project, the data management architecture will be defined to support content & record management, data warehousing, and office productivity.

Data Transfer: None reported.

Electronic Records Retention: KDOL has policies that address the issue pertaining to electronic record retention. We are evaluating and proposing changes to our current Record Retention policies.

E-Government: With the pending implementation of the UIM project, KDOL plans to implement an assisted self service model that will provide greater external access and improved customer service to the citizens of Kansas. A good example of this is our Kansas INK payment portal to allow Kansas Employers with the ability to pay Employer Assessments over the Internet from their Checking account free of charge. KDOL offers many other applications over the Internet including Filing for Unemployment Insurance Benefits and Worker Compensation Insurance Coverage Verification.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: KDOL's data storage and backup policies are constructed so that within reason, whether due to a natural or contrived loss, that critical data, electronic or hardware, is retained or can be reconstructed within federal or state retention requirements. Indexes are maintained for hardcopy information and data backup tapes.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: As part of the Unemployment Insurance Modernization (UIM) project, KDOL plans to upgrade its technology infrastructure. The project will define the storage, database, platform, and data network infrastructure.

Social and Rehabilitation Services (Agency #629)

BUSINESS PROGRAMS:

Integrated Service Delivery	Disability and Behavioral Health Services
Strategic Development	Human Resources
Information Technology	Legal Services
Operations	Office of the Secretary

MISSION: The mission of SRS is to protect children and promote adult self-sufficiency.

SFY 2009 BUDGET: **$1,696,798,918.00**
SFY 2009 FTE: **6,326.63**
SFY 2008 IT EXPENDITURES: **$26,064,413**
WEBSITE ADDRESS: **http://www.srskansas.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class.	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	9.48	1	9.48	1	9.48	1
Application Maintenance and Enhancement (in-production systems) plus Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	51	3	51	3	51	3
Data Administration, Data Analysis/Validation and Database Administration	4		4		4	
Network Engineering, Technical Management and Support	34.49		34.49		34.49	
Computer Operations, Management and Technical Support	12.49		12.49		12.49	
Web application development and maintenance	4		4		4	
IT Security	8		8		8	
Other IT Functions (please identify)						
Business Initiatives and Project Management	6	1	6	1	6	1
Business System Support & Testing	28		28		28	
TOTAL FTEs Central Office staff/ITS	157.46	5	157.46	5	157.46	5
Region & Central Office Technology staff	51		51		51	
Hospital technology staff	35.49		35.49		35.49	
TOTAL FTEs Region, CO and Hospital staff	86.49		86.49		86.49	
TOTAL FTEs	**243.95**	**5**	**243.95**	**5**	**243.95**	**5**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	1	1
Physical Servers	232	315	230
Virtual Servers	11	17	20
Desktops	6100	6400	6400
Desktops Replaced	2034	2100	2100
Mobile Devices	650	846	1000

SFY 2008 MAJOR APPLICATIONS:
KAECSES Child Support Enforcement (KAECSES-CSE)
Kansas Automated Eligibility (KAECSES - AE)
Kansas System for Child Care and Realizing Economic Self-Sufficiency (KsCares)
Family and Child Tracking System (FACTS)
Kansas Management Information System (KMIS)
Financial Accounts and Reports Management System (FARMS)
Low Income Eligibility Assistance Program (LIEAP)
Web KDHE Requesting Process System (WKRP)
Kansas Initiative for Decision Support (KIDS)
Online Application (OLA)
Child Welfare Community Based Service Contracts (CWCBS)
Statewide Contractor Reimbursement Information Payment Tracking System (SCRIPTS)
Web Based front end to SCRIPTS (eSCRIPTS)
WARDS
Enterprise Access System (EAS)
Patient Care System (PCS)
Kansas Client Placement Criteria (KCPC)
Benchmark Effectiveness Aggregate for Community Outcomes Networking (BEACON)
Basic Assessment and Service Information System (BASIS)
Head Injury Waiver Waiting List (a.k.a. TBI – Traumatic Brain Injury- TBI Waiting)
Head Injury Waiver (a.k.a. TBI – Traumatic Brain Injury- TBI Quality)
Physically Disabled Waiver Waiting List (PD Waiting)
Physically Disabled Waiver Database (PD Quality)
Kansas Lifestyle Outcomes 2nd Edition (KLO2)
Kansas Lifestyle Outcomes 2nd Edition (KLO2 Picks)
Assisted Technology Living Assessment System (ATLAS)
DD Ineligible
DD CSP License
Family Fee
Resident Trust Fund (RTF)
Service Requests
Medical Records Management and Patient Account Administration (MRM/PAM)
Client Management System (CMS)
Org Publisher
TimeKeeper

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Created a new website for communication of the SRS Strategic Plan.
- Created a new Services Locator web site and database.
- Performed a rewrite of our internet content.
- Designed and developed a database driven web application for maintenance and retrieval of policies and procedures for Economic and Employment Support.
- Revisions were made to the Public and Government Services site for legislative tracking and event calendaring.
- Provided the capability to view our public services web pages in 10 languages.
- Implemented IP Video Conferencing, allowing Court Liaison Services and conference rooms at Osawatomie State Hospital/Rainbow Mental Health Facility to communicate with other video conferencing units throughout the state at a set rate.
- At Osawatomie State Hospital/Rainbow Mental Health Facility, consolidated four servers into one server for reduced maintenance and future replacement costs.
- Replaced the paper key process at Rainbow Mental Health Facility with the Best Key software.
- Created and implemented data center logs that help document and monitor the Osawatomie State Hospital/Rainbow Mental Health Facility center.
- Created and implemented tape backup audit log at Osawatomie State Hospital/Rainbow Mental Health Facility to show tape inventory, movement, storage and re-use as a critical part of disaster recovery and HIPAA management plans.
- Planned and implemented a series of Patient Care System projects that will help Osawatomie State Hospital/Rainbow Mental Health Facility move closer to the electronic medical record. These projects will reduce duplication of data entry, increase availability of information, provide a better treatment experience for patients and have led to increased staff efficiencies and cost reduction throughout the facilities.
- Completed the assessment of state agency systems that provide an interface to SHARP for tracking employee time.
- Implemented ClearQuest for our software enhancement and defect tracking tool.
- Formed an IT Steering Committee, made up of SRS Executive staff across the agency, to prioritize ITS projects for the Agency.
- Implemented the Child Support Enforcement call center.
- Network Equipment Refresh Deployment – Replacement of the current aging infrastructure with newer technology.
- Seat Management – Negotiated a new PC contract that provides cost savings to the organization.
- Server Consolidation and the Storage Area Network Technology Acquisition (SANTA)

- Implemented the Kansas Payment Center.
- Major upgrade of the CA:Gen software for the FACTS application.
- Installed KAECSES-CSE Parks & Recreation modification controlling eligibility of hunting and fishing licenses for those individuals delinquent in child support payments.
- Eliminated 40% of the backlog in problem reports in KAECSES-CSE.
- Completed and passed Children & Family Services AFCARS review.
- Completed the Microsoft Migration Feasibility Study.
- Completed high priority SSA project work for Economic and Employment Support.
- Completed TANF and SSA project enhancements for KSCares.
- LIEAP: Implemented a new, automated FTP process for transmitting information to energy providers.
- Completed MMIS replacement project with Kansas Health Policy Authority (IcSis).
- Provided research and requirements gathering for Sunflower project.
- Installed Adult Protective Services system.
- KAECSES-CSE: Modified online print application, finance e-mail server and auto-IWO server to create MS Word documents instead of Corel WordPerfect documents and will allow the ability to transition from Novell GroupWise e-mail to MS Outlook Express e-mail.
- KAECSES-CSE: Modified batch print documents to add the State of Kansas letterhead to improve the professional appearance, enable additional formatting options, and simplify document creation and maintenance.
- Implemented the use of MS SourceSafe – a source code version/repository tool to better control source code storage and software versions – for Disability & Behavioral Health Services.

STRATEGIC DIRECTION AND OBJECTIVES: The future IT direction of SRS will be driven by the identified business strategy and will encompass a variety of new processes, tools, and software to enhance that agency's ability to effectively and efficiently provide services to its customers.

- SRS has completed a Strategic Business Plan. This plan will provide a strategic direction for the agency's services and programs as we move into the future.
- SRS has contracted with a vendor to produce a Human Services Management (HSM) Roadmap that will guide the transition from the current state of SRS to the desired future state. This roadmap will be based upon an evaluation of the business of SRS (current and desired) and industry best practices. One outcome this project will provide is a portfolio view of our major applications and their life expectancy.
- Future IT work will be focused on replacing our disparate legacy applications by developing a comprehensive system that provides services oriented to the customer and not by program. This will include bringing in new Commercial Off The Shelf (COTS) software packages, replacing inefficient legacy applications, integrating products across platforms, and providing the

appropriate infrastructure to support a modernized portfolio of applications. New processes and technologies will be researched and implemented where appropriate. SRS will move to a Service-Oriented Architecture (SOA). This will provide an environment that will give us the capability to integrate a variety of best-of-breed components, enhancing the capabilities of SRS staff, and providing the tools to enable staff to work with customers from a holistic viewpoint rather than by program.

- The technical infrastructure is being upgraded to a more standardized and flexible environment. This will put us in line with other state agencies, as well as providing for a modernized technical environment to support our future strategic direction.

- The Planning and Technology unit of SRS is working to establish the agency enterprise architecture program. This includes researching and evaluating methodologies, best practices, and industry standards. Additionally, the unit will identify opportunities for Federal Enterprise Architecture (FEA) framework adoption and compliance. SRS currently provides a member to the Kansas Technical Architecture Review Board (KTARB) and is actively participating in the state's Strategic Information Management (SIM) plan development.

Agency Architecture: SRS is looking extensively at ways to integrate applications across the enterprise. This integration will span new COTS solutions as well as legacy applications. A federated data strategy will be employed as part of this architecture, along with an SOA approach. SRS will comply with the state's technical architecture standards and the technology guidelines of the Kansas Statewide Technical Architecture Version 11.0.

Business Contingency Planning: SRS has a business contingency plan that is accessible by the CIO and his direct reports. A copy of the plan is stored off-site at the DISC vault location. The plan includes use of a hot site for mainframe applications. SRS plans to improve redundancy for its server applications, especially email. Although other SRS office locations will be used for alternate locations, remote access to SRS data systems and electronic files is the primary strategy.

Business Process and Workflow Management: SRS will be taking an enterprise view of BPM and workflow management in future applications and products. These components will be essential in providing a fully integrated suite of applications.

Collaboration Software: SRS will continue to standardize all desktop communication and productivity suites with the most current release of the software, allowing all users to exchange documents effectively. A Microsoft Active Directory/Exchange 2007 implementation is underway and will be completed by October 2008. We will also investigate ways that we can use our network and intranet infrastructures to maximize other collaboration tools such as MS SharePoint and MS Office Live Meeting. A MS SharePoint Governance Plan is being developed outlining the administration, maintenance and support of SRS's future SharePoint environments (intranet/extranet). Research for a web (internet) content management system has been initiated.

Data Storage and Administration: Currently SRS is utilizing a fiber channel Xiotech Storage Area Network (SAN) to house all of its data for all production file, application, and collaborative services. There is 55 Terabytes of data currently being stored on the SAN and substantial growth is expected as systems are migrated from legacy to the newer systems.

SRS administers a wide variety of systems on various platforms. The major systems are KAECSES-AE (Food Stamps, Cash, Foster Care, and Medical Eligibility), KsCares (Day Care and Jobs) and KMIS (Vocational Rehabilitation) on Adabas; KAECSES-CSE (Child Support) and FACTS (Abuse and Neglect) on DB2. SRS' Adabas databases are currently comprised of approximately 1.46 billion records on 963 files. SRS mainframe DB2 databases are currently

comprised of approximately 1.6 billion rows on 2,132 tables. SRS also has approximately 13.2 million VSAM records on 54 files.

As data stores grow, SRS will continue to identify new ways of storing, archiving, and retrieving data including, but not limited to, data warehousing and data integration options.

Data Transfer: SRS sends and accepts data to and from many entities both inter- and intra-agency as well as with external vendors (including the Federal Government) using several technologies. Currently, most of our data sharing is accomplished through batch/FTP processes. These processes occur on a variety of schedules, such as daily, weekly, monthly, quarterly, and yearly. The Sysout Archive Retrieval (SAR) system publishes many reports which are viewed extensively throughout SRS as a paperless option for batch output. SRS will continue to promote and invite efforts of data sharing with other agencies in order to improve efficiencies and provide quality service to the state's customers. This will include the use of new technologies, such as web services. As future needs arise, we will establish agreements with other agencies and develop secure solutions that meet stakeholder needs.

Electronic Records Retention: SRS continues to comply with existing mandates, policies and plans regarding records retention while developing a comprehensive strategy. There is also an ongoing effort to meet the Social Security Administrations (SSA) requirements for destruction of SSA-owned data held by SRS; destruction of outdated data has been performed and changes are being designed and implemented to standardize SSA data deletion.

E-Government: 2008-2009: There will be a new Statewide Protection Reporting system that will include the ability for mandated reporters to file their report on-line. This will affect hospitals, schools, daycares, nursing homes, and other mandated abuse reporters. The preliminary costs for implementing this project are approximately $850,000 – not including the support and maintenance costs for the future use. This will save the intake worker approximately 20 to 40 minutes per report.

End User IT Security Training: End user security training is a required CBT course for all employees at the beginning of their employment. SRS also provides ongoing newsletters to staff that supplies up-to-date information regarding security practices.

Identity Management: SRS currently uses a combination of user IDs and passwords to handle internal system authentication and authorization. For access from outside the SRS network, RSA security token technology is utilized. In the future, SRS will be looking at new methods and tools for a federated identity management program. This will be in support of COTS and legacy integration, the move to an SOA environment, and to work closer with other state agencies in the sharing of services and information.

IT Disaster Recovery: SRS has disaster recovery plans for each of its central offices, regional service centers and state Institutions. Recovery plans have been customized for inclement weather emergencies and pandemic events. A redundant data center is being implemented in Wichita that will have the capability to provide services to other agencies, not just for SRS.

IT Security Staff: The Security Unit consists of a staff of six.

- The unit manager focuses on ensuring current policy and procedure exist where needed, works on projects as needed, and also handles security incidents.
- Four members of this staff focus on controlling access to our applications;
- One Security Analyst II does monitoring and works with other ITS staff to improve controls, and handles security incidents

Public Key Infrastructure: We have not seen the requirement for electronic signatures that would require PKI digital certificates or encryption requiring PKI credentials at this time.

Service Oriented Architecture: SRS is in the process of researching best practices and identifying a roadmap for transitioning into an SOA environment. This architecture will support the ability to integrate and share services between legacy applications, COTS products, and other organizations.

Technology Infrastructure: SRS is implementing changes that will be in accordance with the State Architecture Standards. Major changes include standardizing on Cisco for all centrally managed switch hardware as well as transitioning from Novell to Microsoft. Other proposed changes include hard drive and email encryption as well as striving to have 100% participation in the desktop seat-management contract. SRS feels that these changes produce a scalable infrastructure that enables them to move forward with the ever changing technology. Other advantages include leveraging other agencies for support issues due to the use of the same technology and vendors.

Veterans' Affairs, Commission on (Agency #694)

BUSINESS PROGRAMS:

Administration and Veteran' Services
Kansas Soldiers' Home
State Approving Agency
Kansas Veterans' Home
Kansas Veterans' Cemetery Program

MISSION: The mission of the Kansas Commission on Veterans' Affairs (KCVA) is to provide Kansas veterans, their relatives, and other eligible dependents with information, advice, direction, and assistance through the coordination of programs and services in the fields of education, health, vocational guidance and placement, and economic security. These programs include nursing and domiciliary care and veterans' cemeteries.

SFY 2009 BUDGET: **$22,156,967.00**
SFY 2009 FTE: **536.75**
SFY 2008 IT EXPENDITURES: **$291,675.56**
WEBSITE ADDRESS: **http://www.kcva.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.9	0	.9	0	.9	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	1.5	0	1.5	0	1.5	0
Computer Operations, Management and Technical Support	.4	0	.4	0	.5	0
Web application development and maintenance	.1	0	.1	0	.1	0
IT Security	.1	0	.1	0	.1	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**3**	**0**	**3**	**0**	**3**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	3	4	5
Virtual Servers	0	0	0
Desktops	140	178	180
Desktops Replaced	23	21	25
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Following is a list of IT accomplishments for FY2008.

KCVA Agency

- Upgraded the KCVA web site
- Responded timely to all requests for tech assistance and web site updates
- Ensured the technology needed at each commission meeting was in working order
- Purchased technology equipment for Central office and Veteran Services offices
- Reviewed technical requirements for Medicare/Medicaid implementation at KSH and KVH

Kansas Soldiers' Home

- Established DNS server.
- Installed Firewall (Sonicwall)
- Installed wireless router for wireless access.
- Replaced and tested damaged fiber between Lincoln and Grant Halls.

Kansas Veterans' Home

- Installed wireless access points in Timmerman.
- Acquired new equipment for Medical Records, Chaplain, Business Office, Superintendent's office, and other areas at KVH.
- Computer lab upgrade.
- WSU (Upward Bound) Grant writing began for computers in computer lab, brings in teachers for workshops, computer and non-computer related for residents at KVH.
- Upgraded Symantec Backup Exec. From ver. 10 to 11d
- Reviewed technical needs for moving to Medicare/Medicaid based on KSH implementation

STRATEGIC DIRECTION AND OBJECTIVES: The mission of the Kansas Commission on Veterans' Affairs (KCVA), Department of Information Resources (DIR), is to provide information resource services to the entities under the Kansas Commission on Veteran's Affairs, which include IT budget consultation, disaster recovery, business contingency planning, Local and Wide Area Network support, IT asset management, IT Security, IT training, and information resource management consulting.

The KCVA Information Resources program provides purposeful technological direction based on a long-range strategic approach to information system planning using best business practices. Today, and increasingly so in the future, new technology tools must be available to staff to deliver services to the veterans we serve and other internal and external customers. Technology will serve as the conduit for enhancing services to Kansas veterans. Emphasis will be placed on interfacing the KCVA field offices with local and other state agencies collaborating in the sharing of resources, the Department of Veterans

Affairs Federal Benefits Delivery Network (BDN), and providing technology for the Kansas Veterans' Cemetery projects.

The Kansas Commission on Veterans' Affairs future IT plans include: supporting the implementation of Medicare/Medicaid at KSH and KVH, expanding internet connectivity in collaboration with other local and state agencies, updating the Federal Benefits Delivery Network in KCVA field offices to enhance services to veterans and their dependents; completion of opening new buildings at the Kansas Veterans' Home at Winfield; explore automated document imaging for mass document storage and retrieval; and possibly utilizing video tele-conferencing and tele-medicine technologies along with the implementation of wireless technologies. When the Kansas Veterans' Cemetery project at Fort Riley is completed, the site will include the need for advanced technology and support as well.

Agency Architecture: KCVA's architecture consists of two (2) Local Area Networks using Microsoft Windows 2000/2003 Server as the network operating system at the Kansas Soldiers' Home (KSH) at Fort Dodge, KS and Kansas Veterans' Home (KVH) in Winfield, KS. Windows XP Professional serves as the client operating system. Outlook/Exchange 2003 is the e-mail program in use at KVH and KSH. Active Directory (2003) is the focal point of our Windows 2000/2003 server network and provides the desired levels of scalability, interoperability, and manageability.

Business Contingency Planning: KCVA has established disaster recovery plans in each facility and is continually refining those plans to accomplish necessary business continuity should a disaster or interruption of service occur.

Business Process and Workflow Management: KCVA has established a review of critical duties/documents/contacts of key staff and is maintained in the event of a business process interruption.

Collaboration Software: Not applicable at this time

Data Storage and Administration: Data on KCVA desktops are stored and backed up on servers at KVH and KSH. Offices not on the KCVA networks store their data on their local hard drive and backup to CD. Central office desktop and laptop data are stored on the local hard drives and backed up to an external hard drive. The external hard drive is stored at a remote location. Data on the KCVA servers at KSH and KVH are backed up to tape and external hard drives.

Data Transfer: Shared data includes monthly power point presentations and emails.

Electronic Records Retention: The KCVA is using backup software to back up electronic records at the KSH and KVH facilities. Other KCVA offices are backing up their systems to CD and external hard drives.

E-Government: The KCVA expects to utilize E-technology in enhancing the delivery of services and information to veterans and partnering with the federal Department of Veterans Affairs in the deployment of the Benefits Delivery Network (BDN) and other federal applications in KCVA field offices state-wide.

End User IT Security Training: End users are provided IT security training through email and in person training provided by the IRM Director during bi-annual visits to each office. IT managers at KSH and KVH provide end user training via email at this time.

Identity Management: The Department of Veterans Affairs has provided digital certificates for our central and field offices to allow for the secure transmission of emails.

IT Disaster Recovery: The KCVA is currently assessing the development of policies and plans in regard to physical security and protection of sensitive information.

IT Security Staff: KCVA security staff includes the agency IRM director, KSH IT manager, and KVH IT manager. These positions are not solely dedicated to IT security. There are no future plans to add a dedicated IT security staff person.

Public Key Infrastructure: The VA is providing PKI certificates for the KCVA.

Service Oriented Architecture: None reported.

Technology Infrastructure: The KCVA plans to upgrade technology as the budget allows. Upgrading technology includes desktop systems, laptops, printers, servers, and software. The budget to complete upgrades is dependent upon the availability of end-of-year funds.

Art Commission, Kansas (Agency #359)

BUSINESS PROGRAMS:
Promotion of the Arts

MISSION: The Kansas Arts Commission provides opportunities for the people of Kansas to experience, celebrate, and value the arts through their lives.

SFY 2009 BUDGET: **$2,338,022.00**
SFY 2009 FTE: **8.0**
SFY 2008 IT EXPENDITURES: **$11,873.62**
WEBSITE ADDRESS: **http://arts.ks.gov**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	2	0	2	0	2	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**2**	**0**	**2**	**0**	**2**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	1	1
Virtual Servers	0	0	0
Desktops	8	8	8
Desktops Replaced	5	2	1
Mobile Devices	0	0	0

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: No major changes in IT assets or software for this fiscal year. Routine software and memory upgrades were made.

STRATEGIC DIRECTION AND OBJECTIVES: None Reported.

Blind, Kansas School for the (Agency #604)

BUSINESS PROGRAMS:

Administrative Services
Instructional Services
Support Services

MISSION: The mission of the Kansas State School for the Blind (KSSB) is to empower students with the knowledge, attitudes, and skills to assume responsible roles in society and to lead fulfilling lives. KSSB will be the statewide leader in establishing partnerships with parents, school districts, and community resources to promote access to a high quality education for all Kansas students with visual impairments, regardless of where they attend school.

SFY 2009 BUDGET: **$6,522,707.00**
SFY 2009 FTE: **93.5**
SFY 2008 IT EXPENDITURES: **$89,834.84**
WEBSITE ADDRESS: **http://kssb.net**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.3	0	.3	0	.3
Application Maintenance and Enhancement (in-production systems)	0	.2	0	.2	0	.2
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.3	0	.3	0	.3
Data Administration, Data Analysis/Validation and Database Administration	0	.3	0	.3	0	.3
Network Engineering, Technical Management and Support	0	.2	0	.2	0	.2
Computer Operations, Management and Technical Support	0	.5	0	.5	0	.5
Web application development and maintenance	0	.2	0	.2	0	.2
IT Security	0	.1	0	.1	0	.1
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**2.1**	**0**	**2.1**	**0**	**2.1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	8	10	10
Virtual Servers	0	0	0
Desktops	111	120	120
Desktops Replaced	91	60	6
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:

Athena
Keystone Library Automation System (KLAS)
Postfix/Dovecot
Samba
KIRC Main
Deaf-Blind Library Database
ATRC.exe
KSSB Emergency Databases
SysInfo.exe
Budget Expenditure Database
Athena Webserver
Netfilter/Squid/SquidGuard
JAWS Server
Drupal
KIRC Braille Production
Deaf-Blind Library on CD
Outreach Database
Alumni and Volunteer Databases
KSSB Inventory

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In an effort to reduce short-term and long-term operation costs, KSSB has continued to undertake strategic efforts in utilizing free open source applications. There is a comprehensive and systematic approach to migrate client platforms while continuing to address the technological needs of students, staff and citizens who are visually impaired and blind, to afford them fill access to information and resources through adaptive technology, regularly enjoyed by others. KSSB completes a campus-wide inventory of Information Technology as well as Assistive Technology in an effort to identify those areas in need. KSSB acquired a video conferencing unit through a Kan-Ed grant for use in distance learning and outreach conferencing. KSSB developed, and continues to develop, the Budget Expenditure Database to assist management in tracking agency expenditures.

STRATEGIC DIRECTION AND OBJECTIVES: This agency's technology infrastructure is specifically geared to the accessibility needs of the blind and visually impaired. All primary workstations have the standard software applications found in USD's and an number of adaptive software applications (JAWS, ZoomText, etc…) and hardware modifications needed to facilitate the individual learning challenges of each student. KSSB is pioneering the use of alternative and more cost effective accessible solutions for use by blind students and KSSB alumni. All servers have been configured to support the use of adaptive software applications and similarly beneficial resources. Students not only learn curriculum, but methods and techniques in accessing the curriculum to continue their learning well after their graduation from high school. In an effort to provide state-wide services more efficiently, KSSB plans to implement video conferencing and distance learning technologies over the next several years. On-going modifications and improvements are reviewed, implemented, and demonstrated as needed.

Agency Architecture: KSSB's physical network in laid out in a star configuration. At the center of our network we have a master switch that connects over fiber optic lines to our 7 main buildings. Each building has a switch (or switch stack) that ties into the fiber optic backbone and handles the media conversion to 10/100 Ethernet. Approximately 75% of our end-point connections run directly to these switches, while the remaining 25% run through hubs to efficiently distribute connectivity.

Business Contingency Planning: In the event of a disaster that would prevent the use of technology to assist in the educating of our students, the primary focus would be on their safety and welfare, and then acquiring the available resources to resume operations, depending on the scale and degree of destruction sustained.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: To archive official correspondence as outlined by state guidelines, we use fileservers, web servers, and relations databases to store student and employee records and general business operation information. Over the next three (3) years, efforts will be focused on improving the scope and manner in which our data is managed.

Data Transfer: None reported.

Electronic Records Retention: This section is addressed in our plans concerning data management.

E-Government: We utilize state funds to further the knowledge, skills, and understanding of our citizens regarding blindness, adaptive technology, and necessary content accessibility issues. The Kansas Instructional Resource Center (KIRC), managed by KSSB, provides access to the bibliographic records of their collections of books and educations aids via the Athena Web Server and Keystone Library Automation System. Our operations are equally dependant upon technologies in the form of SHARP, STARS, BMS and other essential state systems. KSSB continues to provide accessibility evaluations of government and public service organizational website deployments..

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: KSSB management feels that current security practices are sufficient to continue daily operations without drastic intervention measures. New security guidelines & procedures are currently being drafted and will be implemented promptly after approval.

Public Key Infrastructure: KSSB continues to research the feasibility of a statewide Public Key Infrastructure (PKI) to benefit all government organizations within the State of Kansas.

Service Oriented Architecture: None reported.

Technology Infrastructure: We have developed a systematic four (4) year approach to upgrading our infrastructure, servers, and workstations. The following table outlines our four (4) year upgrade cycle by buildings and technologies.

Year	Infrastructure	Servers	Workstations
FY08	Vogel & Johnson Bldgs	Email Servers	Johnson & Rec Bldgs
FY09	Irwin Bldg. Dining Hall	Web/Database Servers	Vogel Bldg Dining Hall
FY10	Maint & Rec Bldgs	Firewalls	Irwin & Maint Bldgs
FY11	Dorm & Health Center	File/Print Servers	Dorm & Health Center

Deaf, School for the (Agency #610)

BUSINESS PROGRAMS:

Administrative Services
Instructional Services
Support Services

MISSION: Provide students with total accessibility to language, communication and educational excellence in a visual environment.

SFY 2009 BUDGET: **$10,038,104.00**
SFY 2009 FTE: **173.50**
SFY 2008 IT EXPENDITURES: **$155,621.75**
WEBSITE ADDRESS: **http://www.ksdeaf.org/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.3	0	.3	0	.3
Application Maintenance and Enhancement (in-production systems)	0	.1	0	.1	0	.1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.1	0	.1	0	.1
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	.3	0	.3	0	.3
Computer Operations, Management and Technical Support	0	.5	0	.5	0	.5
Web application development and maintenance	0	.4	0	.4	0	.4
IT Security	0	.3	0	.3	0	.3
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**2**	**0**	**2**	**0**	**2**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	5	7	7
Virtual Servers	0	0	0
Desktops	179	190	190
Desktops Replaced	30	30	30
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
Squid Proxy Server/Dansguardian
SASI School Management System
Jabber IM – Openfire
Cardkey P2000LE Security Management System
MessageNet Systems
InteGrade Pro Server
Desktop Authority – ScriptLogic
Symantec Endpoint Protection
Measures of Academic Progress (MAP)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Upgraded SASI version 10 (School Management System)
- Upgraded Symantec Endpoint Protection version 11
- Upgraded Desktop Authority version 7.8 (Desktop Management System)
- Upgraded one student computer lab to better facilitate learning
- Set quota size limit on student drive for a group of students to have 500MB storage in Windows Server 2003
- Upgraded MAP Assessments to assess the measurement of the students' knowledge
- Expanded network connections in the Infirmary and in the Elementary Gym
- Implemented 70% of classrooms having an LCD projector ceiling mounted

STRATEGIC DIRECTION AND OBJECTIVES:

- KSD will run its own e-mail service using a Microsoft Exchange server along with Spam/Antivirus application to filter out e-mail viruses and spam. User mailboxes will be provided by IMAP and an Exchange Webmail.
- KSD will provide internal web-based grade help and service desk applications which will run on the local server. This allows for the helpdesk to be run on virtually every workstation, enabling the IT manager to see an overview, assisting with decision making. Users can see the current status of their problems.
- KSD will run its own Voice-Over-Internet-Protocol (VoIP) system using internal PoE network switches. This will be a deaf-hearing friendly system which will provide access to videophone, text telephone devices, and handheld phones.
- KSD will research and will provide an internal web-based text message program which will run on the local server. This allows sending emergency messages (i.e. intruder alert, weather alert, etc) to all KSD staff via their pager, and cell phone.

Agency Architecture: KSD's physical network is laid out in a star topology. At the center of our network we have two master distribution switches that connect fiber optic lines to our seven locations on campus. Current Server platforms consist of Microsoft and Linux servers. All base units are on the XP and Vista operating system. Active Directory is the focal point of our Windows 2003 server network and provides the desired levels of scalability, interoperability, and manageability.

Business Contingency Planning: KSD does not have a published plan. However, our KSD crisis plan includes contingencies for evacuating the campus and/or community in the event of a disaster. If the campus is rendered unusable for an extended period of time, arrangements for a temporary facility will be addressed with the local schools and churches. Requisite data will be retrieved from a primary or back-up data storage source.

Business Process and Workflow Management: No planned future use of business process and workflow management software.

Collaboration Software: No plan to share platforms used for intra-agency collaboration.

Data Storage and Administration: KSD has Dell™ PowerVault™ MD3000 storage system to manage the storage of all of the district's critical applications, including human resources, financial and student information thru the network connection. The MD3000 device is a modular disk storage array capable of housing up to fifteen 3.5-inch SATA disk drives and eight 300GB drives are attached in a single 3U rack enclosure which contains up to 2.4TB capacity of storage.

Data Transfer: KSD uses FTP port 21 to transfer the data to KSD's inter-agency web service for the parents/guardians, KSD staff, and KSD students to access the education resources from the KSD website. KSD contains one file server which will run TCP/IP. This intra-agency server includes an administration server (student tracking, attendance, grading, and other administration functions) which can only be accessed by teachers and administrative staff. This also includes a student server (assignments) which can only be accessed by teachers and students.

Electronic Records Retention: No plan for outlining policies pertaining to electronic record retention.

E-Government: KSD currently uses the state's available web-based programs such as STARS, and SHaRP. Business documents are stored on shared directories to provide a more efficient collaboration using electronic documents and reducing the need for paper. Our webpage posts all job listings along with contact information for the different departments which conform to ADA requirements. A public PC is available to all employees to use the SHaRP self-service web applications.

End User IT Security Training: No plan to provide end user IT security training.

Identity Management: KSD has an integrated cardkey security management system that serves the KSD facility. The Cardkey Pegasys program is run on a Windows 2003 server to communicate with the Cardkey panels (controllers) for each building for staff to access. 368 ID badges were created and are active in the system.

IT Disaster Recovery: Planning for IT Disaster Recovery is currently underway. This plan assumes that two backup facilities are available on local site, a local data center and a local disaster recovery restoration center. A local data center is fully equipped and operational computer center. The computer center is normally equipped with up-to-date hardware. This plan will back up data from file servers to disk-based storage server locally, and also will transfer data from disk-based storage server to the local disaster recovery restoration center for archiving purposes. A local disaster recovery restoration center is an empty computer room in the shelter area normally equipped with air-conditioning, electric power, and fire protection and is ready to be used by its member in the event of an emergency. In the future a test of Disaster Recovery implementation will be implemented where it is supported and necessary. We plan to also research to acquire an off-site location with the necessary security and accessibility to retrieve such information in the event of a disaster.

IT Security Staff: No plan to have a dedicated IT Security position.

Public Key Infrastructure: Currently PKI is not in use, however in the future a test of PKI implementation will be implemented. It will be used and supported where deemed necessary.

Service Oriented Architecture: No plan to have a service oriented architecture.

Technology Infrastructure: The KSD telephone system will be upgraded to a voice-over-internet-protocol (VoIP) system where an auto-attendant response will be in place. This is a major upgrade: when all the analog phone equipment is replaced, VoIP will become the primary phone system. This will improve the performance and bandwidth for voice/video conferencing.

Education, Kansas State Department of (Agency #652)

BUSINESS PROGRAMS:

Fiscal Services and Operations
Information Technology
Communications and Recognition Programs
Student Support Services
School Finance
School Improvement and Accreditation
Teacher Education and Licensure
Child Nutrition and Wellness
Research and Evaluation
State and Federal Programs

MISSION: Provide students with total accessibility to language, communication and educational excellence in a visual environment.

SFY 2009 BUDGET: **$3,767,298,777.00**
SFY 2009 FTE: **213.25**
SFY 2008 IT EXPENDITURES: **$1,152,214.64**
WEBSITE ADDRESS: **http://www.ksde.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	2.5	4	2.5	4	2.5	5
Application Maintenance and Enhancement (in-production systems)	2	0.0	2.0	0.0	2.0	0.0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	8.0	0.0	9.0	0.0	9.0
Data Administration, Data Analysis/Validation and Database Administration	2	2.25	2.0	2.25	2.0	2.25
Network Engineering, Technical Management and Support	3	0.5	3.0	0.5	3.0	1.5
Computer Operations, Management and Technical Support	1	1.5	1.0	2.5	1.0	2.5
Web application development and maintenance	5.25	14.0	5.25	14.0	5.25	15.0
IT Security	.75	0.0	0.75	0.0	0.75	0.0
Other IT Functions (please identify)	0	0	0	0	0	0
Technology Assistance for Kansas Educators & other Technology Leadership initiatives	0	1.5	0	1.5	0	1.5
TOTAL FTEs	**16.5**	**31.75**	**16.5**	**33.75**	**16.5**	**36.75**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	46	31	25
Virtual Servers	8	16	24
Desktops	285	300	300
Desktops Replaced	71	80	100
Mobile Devices	90	100	120

SFY 2008 MAJOR APPLICATIONS:

Advocate System
Building Report Card
Career and Technical Education (CATE)
Child Nutrition Program (CNP2000)
Driver Education & Motorcycle Education
Federal Payments (Form 240)
General State Aid Requests, Bond and Interest Requests
Intranet Homepage (KSDE Portal)
Kansas Education Resource Center (KERC)
Local Effort for General Fund
Migrant Student Information System
Outcomes Accreditation School Information System (OASIS)
Special Ed. Management Information System (SEAMIS/LEAMIS)
Special Education Teacher, Transportation, and Catastrophic and Reading Recovery Aid
State Aid General Fund, Supplemental General and Capital Improvement
Superintendents Organizational Report (SO66) (Mainframe)
Assessed Valuation
Bureau of Census
Certified Personnel Reporting System (Turnaround)
Dispute System
EDFacts (EDEN) System
Fispro (Fiscal Processing)
Indirect Cost Rates
Interlocal Agreements
Kansas Education Comparative Performance and Fiscal System (CPFS)
Migrant Even Start
Outcomes System
QPA Quality Criteria Collection
Special Education Personnel Reporting System
Education Transportation State Aid (Form 308)
State Professional Development Aid
Student Data Horizontal Integrator
USD Budget (MainFrame)
USD Budgets
Voucher System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Designed, developed, and implemented the Adequate Yearly Progress (AYP) Calculation Engine, which looks at various data to determine if districts and schools have made adequate yearly progress as defined by the federal "No Child Left Behind" (NCLB) Act.
- Enhanced the AYP Application, which includes an automated data exchange with our testing contractor. The automated data exchange processes, aggregates, analyzes, and generates reports for over 600,000 student test records every night. This has enabled KSDE to reduce the turn-around and delivery time of student performance data to the schools and districts so that they can identify and respond to needed improvements more quickly.
- Enhanced the AYP and QPA Accountability reports to include drill down capability to student level data.
- Designed, developed, and implemented the AYP/QPA Decision Appeals application, which allows district to submit appeals regarding their AYP and/or QPA status, as well as waivers for reclassifying students for testing purposes.
- Enhanced the Data Correction Request Tool, which allows schools to request that KSDE reopen the KIDS application so they can update their individual student data.
- Enhanced the AYP/QPA Data Checklist/Signoff application, which allows schools and school districts to certify the correctness of data used to calculate their Adequate Yearly Progress (AYP) and Quality Performance Accreditation (QPA) statuses.
- Enhanced the Quality Performance Accreditation (QPA) Calculator, which looks at various data to determine each school's accreditation status.
- Enhanced the Title I calculation, which determines the status of schools approved to receive Title I funds from the federal government.
- Designed, developed, and implemented the Dropout Application, which allows districts and schools to review and approve their dropout data.
- Designed, developed, and implemented Phase One (of Two) of the Integrated Improvement Plan application which allows schools and districts to document and track their activities for school improvement. Documented the requirements for both phases.
- Designed, developed, and implemented the Juvenile Detention Center application, which collects the following data from Juvenile Detention Centers: Estimated Expenditures for Providing Services, Program Description, and the number of Juvenile Detention Center FTE students. This data is used for funding calculations.
- Designed, developed, and implemented the Designation of School Attendance Officers application, which allows districts to designate one or more employees who are responsible for reporting to the County or District Attorney or the Secretary of Social and Rehabilitation Services all cases of children who are less than 13 years of age and not attending school.
- Designed, developed, and implemented the Early Reading Assessment application to allow the assessment of students in grades 3 – 12. Results are used for AYP and QPA calculations.
- Re-developed the Annual Statistical Report (18E) application using our current .Net technology, from Classic ASP.
- Enhanced the Online Data Tool which schools that lack a student information system can use (in lieu of Excel) for submitting data to KIDS.
- Designed, developed, and implemented the Kansas Discipline Incident System (KAN-DIS), which provides reporting for No Child Left Behind (NCLB) federal reporting and for IDEA discipline reporting. KAN-DIS allows schools and districts to enter information on individual discipline incidents, including incident time, incident location, incident type, student and non-student offenders and victims, and disciplinary action(s) taken; or to import the data via flat file or XML from their existing discipline system.
- Designed, developed, and implemented the Direct Certification application. This application integrates data provided by Social and Rehabilitation Services (SRS) with data from the KIDS student level data collection to provide districts with a list of school age children who are eligible for free or reduced meals because their households are approved for Food Stamps or Temporary Assistance for Needy Families.

- Implemented a secure FTP server with 256 bit AES encryption for the purpose of receiving confidential SRS data through the Department of Administrations mainframe. We use this data with the Direct Certification application.
- Designed, developed, and implemented the NCLB Highly Qualified (HQ) Teachers application so that schools may provide information regarding the HQ status of teachers. This information will help assess Kansas' compliance with the NCLB Title II Part A. "Ensures that all students have teachers with the subject-matter knowledge and teaching skills necessary to help all children achieve high academic standards, regardless of individual learning styles or needs."
- Enhanced the Kansas Department of Education Employee Portal website, upgrading it to the latest version of DOTNETNUKE and including features requested by agency staff.
- Redesigned and remodeled the computer center, consolidating servers and decreasing the footprint required.
- Installed a new Uninterrupted Power Supply (UPS) for the servers in the computer center.
- Implemented a SAN storage device and two ESX servers hosting ten virtual servers.
- Purchased, configured, and installed new Cisco switches.
- Installed a SPAM email firewall.
- Installed and configured a CICSO Virtual Private Network (VPN).
- Installed and configured a new production server that houses most of the agency's web applications.
- Installed a new production server that houses the agency's DotNetNuke applications.
- Installed the Schools Interoperability Framework (SIF) software on one of the agency's servers in preparation of implementing a pilot of the School Interoperability Framework for automating student tracking.
- Installed the Windows Update Services as well as the "Wake on LAN" service to allow the agency's computers to be turned on and off from a remotely.
- Updated the Kansas Individual Data on Students (KIDS) Collection System by adding data elements to reflect legislative, district, and school changes and to enhance the workflow process for schools and districts. The KIDS system collects data on individual students and assigns a unique state identification number for every student attending accredited public or private schools in the state. We also worked with Student Information System vendors to ensure they have incorporated these changes, and provided ITVs, LiveMeeting training, regional presentations, and hands-on training for school staff.
- Assisted our UniqID vendor, eScholar, in upgrading the Kansas Individual Data on Students (KIDS) Assignment system, which assigns unique student IDs to new students and tracks students as they move from school to school.
- Trained staff on IT security policies and procedures and conducted the Annual Security Self-Assessment.
- Provided project management and reporting regarding the Enterprise Data System project and gained CITO Approval for the third subproject.
- Completed the design and creation of the Organization, Student, Assessment, and Accountability sections of the Enterprise Data Warehouse.
- Completed the design and development of the extract, transform, and load (ETL) procedures for the Organization, Student, Assessment and Accountability subjects of the Enterprise Data Warehouse, and executed the procedures to load the data.
- Collaborated with the Kansas Board of Regents in planning for the design and implementation of the P-16 data mart, which will contain data for students from pre-kindergarten through college.
- Collected and provided data for the National Center for Education Statistics Education Data Exchange Network (EDEN); Common Core Data submission; Standard and Poor's school data site; and other required federal data submissions.
- Completed over five hundred ad-hoc data requests from school officials, legislators, researchers, and the public.
- Upgraded our database servers from Microsoft SQL Server 2000 to Microsoft SQL Server 2005.
- Continued to build capacity within the agency's Data Steward Workgroup for sharing data across the agency and improving data quality agency-wide.

- Enhanced the Common Authentication System to allow Sponsoring Food Authority (SFA) representatives to approve requests to access the Direct Certification application.
- Documented standards for KSDE software testing procedures and implemented formal Quality Assurance activities for all major projects.
- Piloted the KIDS Data Quality Certification programs for Data Entry staff and Data Coordinators.
- Coordinated with the Federal Migrant Student Information Exchange (MSIX) project to implement a secure exchange of data from KSDE's Migrant Student System. The MSIX system enables nation-wide tracking of migrant students.
- Designed, developed, and implemented the Local Consolidated Plan (LCP) Application to provide a mechanism for all districts and service centers to report how Title funds will be utilized for the 2007 – 2008 school year.
- Designed, developed, and implemented the Local Consolidated Plan (LCP) Consortium Assignment application to provide a mechanism for all districts to relinquish Title program funds to a consortium for the 2008-2009 school year.
- Designed, developed, and implemented revisions to the Local Consolidated Plan (LCP) Annual Report system based on state and federal requirements.
- Designed, developed, and implemented an online document submission and collaboration site to allow colleges and universities to submit documentation of their teacher certification programs electronically instead of in print form, and to allow program evaluators to access the documents electronically. This initiative will save Higher Education institutions and KSDE a substantial amount of money and time.
- Enhanced programming and user interface standards.
- Provided training to numerous school and district staff on the use of KSDE applications, data quality practices, and data security.
- Provided online tutorials, videos, and guides for using KSDE applications.
- Provided technical support via phone and email for hundreds of individuals in the field related to using KSDE applications.
- Developed and implemented the Data Governance Program documentation which includes a handbook for Data Stewards, Data Request Review Board members, and Data Governance Board members.

STRATEGIC DIRECTION AND OBJECTIVES: The mission of the Kansas State Department of Education IT group is to provide quality products and superior services through teamwork, technology, staff development and user empowerment. We are dedicated to utilizing our skills and resources to ensure accurate and secure electronic distribution of state and federal funds to local education agencies. This includes enhancing applications to comply with legislative changes, laws, and regulations, as well as maintaining a secure and robust infrastructure for development and maintenance of systems, and for collection and transmission of data. We will continue to develop new web-based applications and enhance existing web-based applications for efficient and cost-effective collection and dissemination of information between KSDE and the public, local education agencies, other state agencies, and the federal government.

In support of our mission we also are in the process of designing and implementing an enterprise data system accommodating historical, reporting, research, analysis, and operational information needs. This initiative includes horizontal integration of key data in operational systems, development of an enterprise data warehouse, implementation of extraction and integration procedures to load the data warehouse, development and implementation of an enterprise metadata system, and implementation and training of business intelligence tools. In addition this initiative includes collaboration with the Kansas Board of Regents to develop a P-20 data mart. The focus of this initiative is to enhance data accessibility, data quality, and effective use of data. Specific goals include:

- Ensuring that data provided are accurate, timely, and reliable
- Building a culture of data awareness and data quality
- Establishing a secure environment for this critical information
- Establishing convenient, reliable, repeatable processes for data collection and data access

- Minimizing redundant data collection and storage, which will result in a decreased burden on school districts and other reporting entities
- Providing educators and policymakers with the data they need to improve student achievement and effectively allocate resources
- Providing appropriate data access to researchers to improve our understanding of effective management and instructional policies
- Enabling more efficient compliance reporting, releasing staff to focus on educating students
- Improving the public's access to school academic and financial data
- Providing alternatives for tracking and measuring student progress

These efforts are in support of KSDE Strategic Directions to Develop a coordinated and streamlined system for service delivery; Provide leadership for designing educational systems to meet the learning needs of all students; and to Provide leadership for utilization of technology to enhance the educational system.

Through program leadership and outreach for funding, planning, integration, and professional development, we will coordinate an effective agency technology support structure for schools. These efforts are in support of KSDE Strategic Directions to Provide leadership to ensure a quality work force within KSDE and school districts and to Provide leadership for designing educational systems to meet the learning needs of all students.

Agency Architecture: KSDE has made significant progress in moving to the KITA target architecture over the past three years. The requirements and design of all new systems and development projects are examined for compliance with the KITA target architecture, and enhancements to existing systems and applications incorporate components of the target architecture to the extent possible.

Business Contingency Planning: KSDE has contracted with DISC for space at the Kansas Historical Society to be used as our business continuity site. Planning is underway for the development of a Business Continuity / Disaster Recovery Plan for the Agency. The Business Continuity / Disaster Recovery Planning effort is being led and supported by agency executive management and is viewed as an agency project (not just as an Information Technology project). The technology infrastructure, including hardware and system software, is being researched for the configuration of the Disaster Recovery site.

Business Process and Workflow Management: KSDE utilizes workflow management software for HelpDesk and Change Management, and has integrated workflow automation within several applications.

- KSDE currently uses FootPrints software to manage the workflow for PC hardware/software support, application change requests, and data requests. Footprints provides submission, escalation, routing, tracking, and reporting capabilities for these work processes.

- Automated workflow management processes have been included in a number of in-house developed applications including the following: AYP/QPA Appeals – Directory Updates – Authentication – Time & Leave – Local Consolidated Plan – Voucher System – Board Materials. KSDE will continue to design and develop applications which automate workflow processes.

Collaboration Software: KSDE has implemented collaboration software for a number of initiatives including training, meetings, and information dissemination.

- Use of video conferencing continues to play an important role at KSDE, and through KSDE-sponsored leadership activities, at school districts and service centers throughout

the state. Video conferencing is used for distance meetings, training sessions, program collaboration, teaching, and professional development. This has become a common alternative to expensive and time-consuming travel throughout the state, and results in increased productivity.

- KSDE has implemented Microsoft LiveMeeting throughout the agency which enables staff to host web meetings/trainings from their computer desktops. This results in decreased travel for agency staff as well as for schools and districts. The use of LiveMeeting has increased over the past year, and a number of program areas are planning to use this software to include off-site team members, or staff who are traveling in the state, in their team meetings; to provide training for school and district staff throughout the state; and to demonstrate programs and products.

- KSDE supports audio-streaming and recording for the monthly State Board of Education meetings. The public can listen to the live broadcasts via the Internet, and can access the recorded sessions via KSDE's public website www.ksde.org.
- KSDE maintains a listserv server with multiple listserv groups for providing agency staff the ability to send email to groups of individuals (including school district staff) throughout the state.

- KSDE supports web logs (blogs) on via the KSDE website. Monitored blogs are used as tools for public comments on a variety of topics including proposed agency policies.

- The agency has an internal portal (developed using DOTNETNUKE) used by all staff to post information and news of interest, as well as to provide links to a number of applications and functions including reports and information, time and leave reporting, and Footprints Helpdesk and Change Management.

- An agency-wide master calendar is maintained and available both internally and to the public on the KSDE website. It includes dates for meetings, conferences, and other pertinent dates.

- A conference registration system has been created and is available for use by agency staff to set up registration sites for specific events including trainings, conferences, or other meetings.

- KSDE's public website is built using DOTNETNUKE, which provides an infrastructure for allowing program staff to manage the content specific to their areas. Content managers have been identified for each program area, and have been trained and are responsible for updating their portion of the KSDE website.

Data Storage and Administration: KSDE stores and maintains data in a variety of applications and databases utilizing Microsoft SQL Server and Raid storage technology. Currently approximately 7 terabytes of data is stored on the agency's servers. This includes approximately 70 relational databases containing 2,700 tables and 60 million rows of information. The data that are managed at KSDE are required by Federal and State regulations and reporting requirements. Data that are maintained include district and school accountability and accreditation data; district financial data; individual student level data; teacher certification and assignment data; school and district organizational data; and federal and state program data (e.g., migrant, special education, career and technical education).

Data Transfer: The Family Educational Rights and Privacy Act (FERPA) limits the ability of KSDE to share personally identifiable student data with other agencies. However we have capitalized on the ability of other agencies to share data with us, and to integrate our data to advantage students, schools, and families.

- KSDE will continue implementation of our Enterprise Data System over the next several years. This includes Master Data Management processes for operational systems (e.g., student level data and organizational data); development and implementation of a metadata repository and Enterprise Data Warehouse with loading, cleansing and transformation routines; and development and implementation of data marts and business intelligence tools for research, reporting, and analysis. KSDE will use Microsoft Sharepoint and Performance Point for Business Intelligence.

- Plans are currently underway to coordinate with KBOR in the development of a K-20 data mart. Initially the plans call for this to be based on a flat file transfer via secure internet, with future data sharing via XML files.

- KSDE's Master Data Management program includes processes for collecting and managing organization and student demographic data centrally, and then providing that data to other agency applications via web services, stored procedures, and data access routines.

- KSDE utilizes web services to transfers individual student data each night to and from our Assessment Contractor. This data is the foundation for our assessment and accountability systems and is made available to schools and districts via authenticated web applications.

- KSDE and SRS have implemented a secure VPN tunnel through the DISC mainframe to transfer data from SRS each month for automatic preauthorization for free or reduced-price lunches in schools based on the Medicaid status of the student's family. KSDE expects to continue to use technologies such as this to gather health data collected by other agencies related to school-age children, and to capitalize on other opportunities to decrease the data reporting and collection burden for the field and for the state-level agencies.

- For limited duration research projects involving the transfer of sensitive data into and outside of the agency, file encryption and secure FTP technologies are utilized.

Electronic Records Retention: KSDE has documented requirements for retention of information. Currently, much of the required document retention is accomplished via paper documents stored off-site. In the future, we plan to research the cost effectiveness of electronic document archiving and retrieval, and to capitalize on any state-wide initiative regarding this. Monthly network backups are taken offsite to the Historical Society to meet Federal and State retention requirements.

E-Government: KSDE is committed to providing web-based solutions for seamless communication, data sharing, and exchange of information with schools and the public, as well as state and federal agencies. Currently all (over 1600) of our schools access the internet to submit data and review information. Over 85% of our current applications are web-enabled, and we continue to convert and enhance systems on a regular basis as resources are available.

- Our Agency website has been revised to utilize current technological advances in Internet-based information services available and includes substantial information regarding schools and districts, resources available, and projects and initiatives which impact schools. This information is continually updated based upon federal and state regulations, as well as upon industry best practices. This information is offered, and is of interest to all Kansas citizens.

- We continue to modify the Teacher Education and Licensure (TEAL) system to provide online applications for teaching certificates. 5 of the 15 applications offered by KSDE have been automated, including payment via accessKansas payment portal. We expect to automate several additional application forms over the next three years. The online application service provides more efficient and convenient access to the application process for prospective and current educators, and has been used by 10,809 individuals over the past year. We expect that this usage will increase as we implement additional online applications.

- Registration for training, conferences, and meetings is available online via the agency website. This affects all educators and others involved in Kansas education. Over 26,400 online registrations were submitted in the past year. This is almost a 100% increase over the 13,581 registrations in 2007. Most significantly, KSDE program staff were able to use the online interface to created 76 registration sites without the assistance of IT. This is a three fold increase from the 25 user-created registration sites in 2007.

End User IT Security Training: KSDE requires that all new staff review and sign the IT Security Policies within the first two weeks of employment. In addition, all new KSDE staff are required to attend a Security Awareness Training session conducted by agency IT staff. These trainings are conducted on a quarterly basis. To date, 100% of employees have attended these training sessions. Existing KSDE staff are required to attend refresher courses on at least an annual basis. To date, 90% of employees have attended these training sessions. KSDE will continue to update the IT Security Training based on revision of the IT Security Policies, and will offer this training on a quarterly basis.

Identity Management: KSDE has established a common authentication system for all web-based applications used by individuals within and outside the agency, including districts and school staff. The authentication system provides access to individuals via single sign-on to all application for which the user is registered and approved, and is based on user-designated login and password, with questions/answers for forgotten passwords.

- KSDE has implemented electronic signatures for identity verification as part of the online Teacher Education And Licensure (TEAL) online applications system.

- We expect to implement IPSec PKI infrastructure as part of the implementation of the Microsoft network, and so will have the capability to include this feature as required.

- KSDE has a number of staff who travel throughout the state and who use confidential data in their day to day work. We have implemented PGP Disk Encryption software for encryption and identity verification for laptops, CDs and thumb drives in order to ensure the security of this confidential information. In addition, all files containing sensitive information that are sent outside the agency are encrypted in the interest of privacy and security.

- KSDE plans to implement secure email technology within the next year.

IT Disaster Recovery: KSDE does not currently have a published IT disaster recovery plan; however, one is currently in development. We expect to make significant progress on the plan within the next year, and to have it fully implemented within two years.

- In the event of a disaster, KSDE would utilize DISC disaster recovery facilities for access to our mainframe processes and data. This includes the financial data for school finance. KSDE's contracted facilities at the Kansas Historical Society would be used to establish communication with schools.

- KSDE has plans to contract with three local school districts to provide a physical location for KSDE disaster recovery team to gather.

- KSDE is in the planning stages of implementing a disaster recovery technical infrastructure, and expects to have the infrastructure in place within the next two years. In addition, KSDE has configured 12 laptops for use during a disaster.

IT Security Staff: KSDE has had an IT Security Manager position for approximately five years. This position researches, recommends, installs, and configures security tools and strategies for the agency. This individual also recommends and participates in the development, enhancement, monitoring, enforcement and on-going training of security standards, processes, policies, and procedures associated with the KSDE Computing Environment, which includes our applications and data as well as disaster recovery procedures. Currently this individual supervises seven staff in addition to security responsibilities.

Public Key Infrastructure: KSDE plans to implement IPSec PKI infrastructure as part of the secure email implementation that is being planned for completion in Q2 2009.

Service Oriented Architecture: KSDE has implemented services for master data management processes involving core student data. The KIDS system includes web services which are available to other applications for retrieval and updating of student information. In addition, web services to retrieve and provide student assessment data have been implemented for communication with our testing vendor, the Center for Education Testing and Evaluation at KU.

Technology Infrastructure: KSDE continues to make progress in upgrading our technology infrastructure to meet the demands brought on by the increased importance and utilization of data for decision-making by legislators, educators, agency staff, and the public.

- Our agency hardware is connected over an ATM Fiber Backbone. We utilize the Aruba wireless bridge to provide wireless connectivity to our satellite office, and have implemented a new wireless network for agency conference rooms and the satellite office with leased equipment and support from DISC.

- We have installed an external COX cable modem for testing web applications (as if we were an external customer).

- We currently provide VPN access to staff whose offices are located outside of the main KSDE campus throughout Kansas. VPN access is also available for staff housed at KSDE. Users requesting VPN access are required to go through an approval process. Based on the high cost of fuel, we are prepared in case the agency wishes to increase its use of VPN and implement a work-from-home policy.

- KSDE's current network architecture includes 300+ Dell/HP-Compaq workstations and laptops running Windows XP and 54 Intel servers running Windows 2000/2003, where 8 of the 54 servers are virtual servers. KSDE will continue to utilize up-to-date Microsoft server and workstation operating systems, and will expand its use of virtual server technology.

- We are in phase three of our network migration to Active Directory, which consists of migrating our web and SQL database servers to Active Directory. We have moved 80% of the SQL database servers and 60% of the web servers. All new servers are configured to belong to the KSDE Domain. Plans to complete the migration are for September 2009.

- The state legislature has funded KSDE's Enterprise Data System. We are in the process of configuring a SAN (Storage Area Network) with multiple virtual servers with appropriate storage allocated, which will be the backbone for the Enterprise Data System.

- KSDE plans to upgrade all users to Microsoft Office 2007 before the end of 2008. Upgrading to Vista will begin this year and is targeted to be completed by Q4 2009.
- Our primary software development environment is .NET, with SQL Server databases. We will continue to move legacy FoxPro and Classic ASP applications to .NET, and to convert Sybase databases to SQL Server as time and maintenance efforts allow.

- KSDE is planning to purchase an email encryption appliance within the next year to provide secure email transactions for sensitive information.

- KSDE is in the planning stages of acquiring a security appliance which will provide an all-in-one security solution for the agency. It will include an Intrusion Prevention System, along with real time log management, event correlation, and endpoint security. This will allow us to quarantine, block, route and control services, processes, accounts and privileges.

- KSDE has installed and implemented a networked UPS to manage server auto shutdown in case of power loss to the building. We plan to continue to automate management processes to the extent that we can budget appropriate system tools.

Historical Society, State (Agency #288)

BUSINESS PROGRAMS:

Administration	Cultural Resources
Education/Outreach	Historic Sites
Library/Archives	Museum

MISSION: The mission of the Kansas State Historical Society is to identify, collect, preserve, interpret and disseminate materials and information pertaining to Kansas history in order to assist the public in understanding and appreciating their Kansas heritage and how it relates to their lives.

SFY 2009 BUDGET: **$9,841,288.00**
SFY 2009 FTE: **134.0**
SFY 2008 IT EXPENDITURES: **$212,654.56**
WEBSITE ADDRESS: **http://www.kshs.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.5	0	.5	0	.5	0
Application Maintenance and Enhancement (in-production systems)	.3	0	.3	0	.3	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.7	0	.7	0	.7	0
Data Administration, Data Analysis/Validation and Database Administration	.7	0	.7	0	.7	0
Network Engineering, Technical Management and Support	.4	0	.4	0	.4	0
Computer Operations, Management and Technical Support	.5	0	.5	0	.5	0
Web application development and maintenance	.7	0	.7	0	.7	0
IT Security	.4	0	.4	0	.4	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**4.2**	**0**	**4.2**	**0**	**4.2**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	23	20	20
Virtual Servers	1	2	4
Desktops	204	204	204
Desktops Replaced	57	45	45
Mobile Devices	18	19	19

SFY 2008 MAJOR APPLICATIONS:
Museum Collections Management System
Library/Archives Collections Management System (DaRT)
Kansas Memory--Digital Documents Portal (DDP)
KSPACE
KSHS Spam Center
General Web Development

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: For the past several years, our only funds for IT equipment purchases were year-end money and grant funds. The agency included an enhancement for annual IT funding ($75,000) in its FY2008 budget request and it was approved by the legislature. The funding level for FY2009 has remained the same as the FY2008 enhancement which will allow us to put equipment replacement on planned cycles—rather than only when funds are available. In September of 2007, the agency launched a digital portal for historic documents that has been in planning and development for over 4 years. The agency's application developer and database administrator are the key IT staff involved in this project and significant portions of their time have been devoted to this major project.

Other FY2008 IT accomplishments included:

Commerce
- Museum Gift Shop Inventory Database Server set up with a register system to scan barcodes with Quickbooks Point-of-Sale software.
- Web Store replaced by a newer hardware.
- Upgrades to the 3rd party booking system
- Online History Day registration system, including credit card payment of fees

Desktop Equipment
- 57 New PCs
  - General use systems (non CRD)
  - Ultra-small form factor systems for exhibits
  - 19" & 1 22" touch screen for exhibits
  - General use systems for CRD
  - High-end workstation for CRD

- Existing PC converted into an audio recording booth
- 2 new 22" LCDs for digital imaging lab

Infrastructure Hardware
- New Database Server
- New E-Mail Server purchased
- New Spam Filtration Server purchased
- 1 DNS server replaced
- 3 New 7.5 TB NASes:
  - Replaced agency backup server
  - Set up digital collection storage for Cultural Resources Division with the second serving as a backup.
- Network connection run to the Museum Store.
- 2 Kansas Collects Servers.
- New Phone System, call accounting software.
- 2 more servers + a load balancer for KSHS web applications..
- Wireless Internet access for patrons and staff in the Research Room, Mission, Museum Classrooms and Gallery.

Infrastructure Software

- WWII Oral History database created
- Upgrades to Museum and Library/Archives Collections Management app.
- VPN access created to allow remote users to backup to the fileserver.
- Developed interface for Cultural Resources to facilitate adding information to Collections Management database and Kansas Memory
- Re-engineered the Derivative Images Tool to create thumbnails and references images for Kansas Memory. Development will be completed in early FY2009.

Security/Backup

- Virtual Tape Library, automatic backup tape changer.

Printers

- 2 HP Color LaserJet 2605dn for Foundation mailings.
- 1 Epson Stylus Pro 3800 for Marketing.

Web Services

- Launch and ongoing development of Kansas Memory
- Website redesign of kshs.org began**.**
- Work began on a new Derivative Image Tool
- Other agency divisions began to enter content into Kansas Memory

Other

- Spam filter prevented over 8 million e-mails from entering staff e-mailboxes
- Began review of emergency preparedness measures for IT assets

STRATEGIC DIRECTION AND OBJECTIVES: For the second year in a row, we are starting the fiscal year with a capital IT budget of $75,000. The enhancement included in our FY 2008 budget request was funded and for FY 2009 was included as a regular line item. All of the IT positions are filled. IT staff will continue to focus on activities that will have a significant impact on the Society's ability to achieve its mission. Technology has become essential to the efficient operation of the Society, and the IT staff regularly assesses possible improvements and potential efficiencies.

The Society continues to use open source software in most new initiatives. We plan to move away from Microsoft Office products for word-processing and spreadsheets in gradually over several years in order to eliminate the need to maintain its expensive Microsoft Office licenses on every desktop. Only a handful of new licenses for Office have been purchased since FY 2001, and Office 2000 remains the standard office suite.

The Society is moving away from Novell Netware and Novell GroupWise due to the high cost of annual renewal. By the end of FY 2006 we were using Novell only for access to our file server. The email server is operating on Debian Linux, an open source software platform. We also plan to eliminate our use of Novell entirely, using Linux instead.

We continue to do what is feasible to insure the reliability of the Society's network and data. Patches and security upgrades are applied as they become available. The most recent versions of Netware, Linux and Apache are regularly applied to the Society's servers. The Society tries to have servers in groups of two with a primary machine and a backup machine which closely, but not yet absolutely mirrors the primary machine. The Database servers are setup this way. Our Novell file server is backed up to the Linux server for its duplication due to the agency moving away from the Novell Netware operating system. The kshs.org web server will be backed up with the kansasmemory.org web server and vise versa. We will be bringing another web server online for Kansas Collects and it will have two servers that mirror each other. In FY 2007 a SAN was brought online to facilitate storing digital images and this is duplicated with a second SAN. Servers that do not have mirrors or duplicates include the email server and Spam filter server. Plans are being developed to provide a backup solution for these servers. We also have a server

for the museum's store that will soon be out sourced. During FY 2009 we will begin utilizing the virtual server technology starting with our web server, email server and spam filter.

DISC has installed 4 wireless access points in the agency. There is one located in the Koch Education Center (mission), one in the library reference room, one in the museum classrooms and one in the museum gallery. These AP devices with allow public access to the Internet and allow the agency to have wireless access to our network. We have received numerous requests for wireless access from the people and agencies that rent our facility. With these AP devices, we will be filling a need to our patrons. The device in the museum gallery will allow us to have more interactive component available to the visitors of the museum.

In FY 2008, we will begin redesign of the agency web site. A major component of the redesign will be to implement a content management system for our web site. The content continues to grow and static page access limits the routes the users can use to get to content of interest to them. The Society has worked with the Kansas School for the Blind to test the accessibility of its site and regularly uses *Bobby* to assess the accessibility of its site. Accessibility was a major goal of the FY 2003 web redesign project and will be again, as part of this redesign effort.

The effort to redesign and upgrade the Society's databases will continue in FY 2009. A number of applications are being addressed in this effort, including systems used to manage and access the Society's collections as well as various databases used for research, such as the Kansas Biographical Index. The Society has standardized on PostgreSQL, an open-source database management system, with MySQL used for some limited projects. Many internal systems currently use a Microsoft Access front end; however, new and newly redesigned systems have a web front end. All databases intended for the public are accessible through a web browser. Staff uses a mix of PHP and, increasingly, Ruby on Rails for web based applications. FY 2009 our database manager developed a Purchase Requests Tracking System for all divisions to use for our purchasing needs.

The Society has policies regarding the usage of technology, the internet, and e-mail that are in accord with ITEC policy 4230. Passwords, anti-virus software, etc. are in place. The Society continues to investigate its needs for public key infrastructure and electronic signatures. A certificate has been obtained as part of the e-commerce project for the web server.

The Society maintains three lines of defense against security breaches.

1. restricting access through the router, which is entirely controlled and maintained by DISC.
2. using the Pix firewall, and segmenting its primary and backup servers from each other.
3. maintaining the most recent versions and patches on its servers and closing unnecessary services on those servers.

We are looking at the possibility of adding intrusion detection devices in FY2009.

The Society continues to implement electronic records management within the agency. We are currently working in four main areas: shared network drive management, e-mail management, database management, and capturing periodic snapshots of the agency web site. In our shared network drive we are developing a file structure that closely mirrors the agency retention and disposition schedule, with folders named to match the various record series created and maintained by each division. Regarding e-mail management, we are building awareness within the agency to the importance of managing e-mail within a records context, thereby encouraging users to maintain messages appropriately in conjunction with the agency records schedule. As the agency develops new databases, we are ensuring that historically valuable data in the databases are not overwritten as new data is entered. Also, we are currently capturing snapshots of the agency web site on a quarterly basis, with the snapshots written to gold CDs and stored within the KSHS climate-controlled and secure storage vaults.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: The Kansas Historical Society is an intensive IT user with an extensive web site, collections management applications for artifacts and the various holdings in the library and archives division, various online finding aids for use by researchers, digital access to holdings, information about national and state historical register properties, archeological materials and site data with a GIS layer, historical buildings survey data, etc. This information is contained in a number of databases and applications, most of which were developed in-house using open source products. Our web site is extensive and continues to grow. Our scanning efforts create several thousand digital assets each year and the masters are stored on our SAN (described below).

Data Transfer: Inter-agency data transfer includes the state personnel, payroll, and financial systems. Others include integrating GIS information for archeological information and, in the near future, national register properties.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Library, Kansas State (Agency #434)

BUSINESS PROGRAMS:

Research and Information Services
Kansas Talking Books Library
General Administration
Library Development
Statewide Resource Sharing

MISSION: The mission of the State Library of Kansas is to lead in the provision, promotion and support of excellent library and information services to legislators, state government, and to all Kansans. The mission is accomplished through:

- Legislative reference service
- Maintaining collections and providing interlibrary loan service
- State and federal documents depository service
- Statewide consulting services to libraries
- Administration of the Kansas Center for the Book
- Administration of state and federal grant and aid programs
- A program of direct public services to blind and physically impaired residents; and
- leadership in the coordination of statewide library resource sharing

SFY 2009 BUDGET: **$7,449,972.00**
SFY 2009 FTE: **27.0**
SFY 2008 IT EXPENDITURES: **$778,984.88**
WEBSITE ADDRESS: **http://www.kslib.info**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.6	.075	.6	.075	.6	.075
Application Maintenance and Enhancement (in-production systems)	.3	.025	.3	.025	.3	.025
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.55	.05	.55	.05	.55	.05
Data Administration, Data Analysis/Validation and Database Administration	.575	.025	.575	.025	.575	.025
Network Engineering, Technical Management and Support	.125	.125	.125	.125	.125	.125
Computer Operations, Management and Technical Support	1.075	.175	1.075	.125	1.075	.125
Web application development and maintenance	0	0	0	0	0	0
IT Security	.075	.075	.075	.075	.075	.075
Other IT Functions (please identify) Data Entry	.7	0	.7	0	.7	0
TOTAL FTEs	**4**	**.5**	**4**	**.5**	**4**	**.5**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	4	4	4
Virtual Servers	0	0	0
Desktops	41	45	45
Desktops Replaced	4	5	10
Mobile Devices	13	2	2

SFY 2008 MAJOR APPLICATIONS:
Kansas Library Catalog (KLC) / Kansas List of Serials (KLS) / KICNET
Blue Skyways - The web service of the State Library of Kansas
Kansas Talking Books Recording Studio
Kansas Library Card
Kansas Library Directory
State Library Online Public Access Catalog
State Library of Kansas Wireless Public Internet Access
GroupWise
Kansas KLAS

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Agency IT initiatives in FY 2008 focused on creating a centralized and integrated information source for residents of Kansas and for Kansas libraries. Components of this effort included:

- Redesign of Agency Website (top levels completed, supporting pages and files to be completed in FY 2009-2010).

- Implementation of new design through use of Adobe Contribute, allowing greater distribution and better control of website maintenance and design.

- Integration into the main page of a custom designed federated search interface for library resources. This interface is a local “front end” to the search capabilities already offered through the Kansas Library Catalog (KLC). Phase 1 allows combined or customized searching of library catalogs contained in the KLC and of the research databases purchased for Kansas residents by the State Library and Kan-ed. Phase 2 will include the content of the State Library website, making content such as Governor’s speeches, Executive Orders and the Legislators Past and Present database part of the overall search capability.

- The beginning of a long term process of changing the Kansas Library Catalog from a static, flat database of combined and deduplicated records copied from local catalog databases across the state. The new concept will create a virtual shared catalog – local sites that fully support the Z39.50 standard for sharing bibliographic data will be queried to contribute search results on the fly. In addition to the standard content and descriptive information, real time data such as the availability status of items will be presented in the KLC as well.

- Implementation, behind the scenes of the federated search product, of statewide authorization for users of the subscription database products. Using a national database of IP addresses to identify inquiries coming from within Kansas, the system is able to authenticate better than 80% of attempts to connect from Kansas. The existing Kansas Library Card, using a PIN/password form of authorization, will continue to be offered for residents travelling outside Kansas and for Kansas locations where IP addresses are not registered as being within the state.

STRATEGIC DIRECTION AND OBJECTIVES: No summary provided.

Agency Architecture: The statehouse facility uses two local area networks with Internet access; one for Business Office use only, the other for all employees plus Internet access for the public. Wireless internet access for the public is provided via separate network, with the State Library responsible for issuing and managing passwords. The Talking Books Service in Emporia has a local area network and Internet access.

Business Contingency Planning: All providers of information services and/or storage have backup and/or redundant systems in case of disaster. Local network data is backed up daily and stored securely. An ongoing rewrite of the agency's disaster plan will result in some changes to contingency planning efforts and strategies.

Business Process and Workflow Management: No plans for use at this time.

Collaboration Software: SLK has not made interagency collaboration a significant factor in choosing platforms or applications; however choices that support standard protocols and formats have minimized instances of collaborative disconnect.

Data Storage and Administration: Data stored on Agency owned equipment is primarily administrative and communications data typically found in a PC/File Server/Mail Server data environment. Agency websites are stored and managed by the University of Kansas Medical Center. The Kansas Library Catalog (Application #1) containing data describing the collections of Kansas libraries, is stored and managed by Auto-Graphics, Inc. in Pomona, California.

Data Transfer: With the exception of the State's financial management systems, data is transferred primarily through web services (primarily FTP) or even via email.

Electronic Records Retention: SLK is participating in the development of what we hope will be an enterprise wide repository and library for the electronic publications of Kansas government and eventually electronic records. We also hope to participate in the KSPACe electronic records repository initiative as soon as it is available.

E-Government: Continue to use outside contractors for IT applications that maintain and enhance access to library information, whether source material (research and information databases, audio collections, electronic state documents) or information that facilitates access and sharing (ATLAS online catalog, Kansas Library Catalog, List of Serials, Interlibrary Loan requesting network, agency websites). Work with Kansas State Historical Society on the Kansas State Publications Archival Collection (KSPACe) is typical of continuing efforts, on a realistic basis, to be proactive in creating digital information source material. It is in this area that our need and our strategic intent will be moving us forward.

End User IT Security Training: Is not a formalized process at this time. IT staff will advocate for inclusion of IT security training as an issue and objective in staff development events and discussions during FY 2008-9.

Identity Management: No specific plans for use at this time.

IT Disaster Recovery: The disaster plan rewrite process and the adopted plan will result in some changes to recovery planning efforts and strategies.

IT Security Staff: The Network Specialist, under the direction of the Library Technology Consultant, is responsible for IT security.

Public Key Infrastructure: Staff attended the PKI 101 session in March 2004. There are no implementation plans for the immediate future.

Service Oriented Architecture: Agency IT activities are on a scale where the desired service more or less defines the architecture. The section on IT Accomplishments above illustrates this approach.

Technology Infrastructure: The goal is to replace all primary equipment (computers, servers) at agency facilities on a rotating three-year cycle. Peripherals such as monitors and printers, stand-alone fax machines, scanners, etc. will be replaced as needed. Increased storage needs are at this time expected to be minimal. As state policies are developed and we move closer to renovation of our statehouse facilities implementation of wireless beyond public internet access will receive due consideration.

Regents, Board of (Agency #561)

BUSINESS PROGRAMS:

Administration
Kan-Ed
Student Financial Assistance
Capital Improvements
Post Secondary Education

MISSION: The Kansas Board of Regents, through its diverse postsecondary education system, seeks to provide educational opportunities for all of Kansas' citizens to achieve their greatest potential.

SFY 2009 BUDGET: **$299,403,005.00**
SFY 2009 FTE: **63.50**
SFY 2008 IT EXPENDITURES: **$7,411,125.44**
WEBSITE ADDRESS: **http://www.kansasregents.org, http://www.kan-ed.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1.5	0	1.6	0	1.6
Application Maintenance and Enhancement (in-production systems)	0	.9	0	.9	0	.9
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	2.3	0	1.3	0	2
Data Administration, Data Analysis/Validation and Database Administration	1	.7	1	.7	1	.7
Network Engineering, Technical Management and Support	0	1.5	0	1.5	0	1.5
Computer Operations, Management and Technical Support	0	1.7	0	1.7	0	1.7
Web application development and maintenance	0	1.5	0	1.5	0	1.5
IT Security	0	.5	0	.5	0	.5
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**1**	**10.6**	**1**	**9.7**	**1**	**9.7**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	16	15	14
Virtual Servers	0	3	4
Desktops	79	82	84
Desktops Replaced	14	16	26
Mobile Devices	4	13	13

SFY 2008 MAJOR APPLICATIONS:
G.E.D. (General Education Development) Database
Kansas Student Assistance Program (KSAP)
KSPSD (Kansas Post Secondary Database)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The ITU continued its role of supporting the agency. A new Information System's Analyst position was created and hired to assist with the increasing demand for IT support. The decision was made to transition from Novell/Groupwise to Microsoft AD/Exchange, and initial steps were taken to begin implementation. PC's were replaced via the agency PC replacement cycle. The ITU added 2.4 TB of a new economy class of storage to the Xiotech SAN. Videoconferencing capability was added to two conference rooms.

STRATEGIC DIRECTION AND OBJECTIVES: This year we have made the commitment to transition from a Novell/Groupwise environment to a Microsoft AD/Exchange environment. To implement the transition, we will be putting a VMware ESX infrastructure in an effort to use IT resources more efficiently. We will continue to support and advocate for the use of H.323 videoconferencing for the office and Kan-Ed constituents. Kan-Ed will implement a new Layer-3 network infrastructure, creating a more stable network that makes more efficient use of funding and bandwidth. Updated information on Kan-ed accomplishments can be found at www.kan-ed.org.

Agency Architecture: We are in compliance with state agency architecture requirements as set in policy.

Business Contingency Planning: KBOR currently has no formal disaster recovery/contingency plan for the internal office network and many applications. Application backups are made and stored off-site (some using the DISC Tivoli solution), but complete continuity planning has not been completed. As a component of the new security policy, business continuity and contingency plans will be developed in FY09. Kan-ed maintains a dedicated network operations center with a continuity plan.

Business Process and Workflow Management: None reported.

Collaboration Software: Groupwise is the main collaboration software used within the agency, for email, calendaring, and contacts. Video-Conferencing is the other main collaboration tool of the agency. We currently have four rooms with video conferencing capability. The video conference environment is a mix of standard and high definition video, Polycom and LifeSize equipment. The goal is to move completely toward high definition video.

Data Storage and Administration: The Kansas Post Secondary Database system (KSPSD) stores student and institution information from all public post-secondary education institutions in the state. Data comes into the system via web forms and institution uploads. It is stored in an Oracle database, managed and administered by the Institutional Research department of the KBOR.

Data Transfer: Data from the KSPSD system is shared primarily through an authenticated web based system using Java programming, both for intra-agency and future inter-agency uses. Paper applications for some student financial aid are still accepted, but plans are to gradually phase these out. There are a few batch processing jobs, downloading information from ACT and federal sources. There is an ongoing exploration into sharing of data with KSDE and creating a combine P20 database (tracking education information from Pre-K thru post secondary education).

Electronic Records Retention: KBOR has policies in place for proper records retention. These apply to electronic as well as physical records. We are looking at ways to make this work better for electronic records, including designing retention tools into a new Exchange system.

E-Government: We continue to migrate our student financial aid application forms into an online process. Our other legacy operations have been migrated to e-government friendly solutions, but we will continue to evaluate our databases and web presence to ensure we are providing the public with friendly, fast, accurate access to KBOR content and services.

End User IT Security Training: Employees are given training on an 'as needed' basis.

Identity Management: We currently use Novell eDirectory for identity management, and will be transitioning to Microsoft Active Directory in FY09. There are no immediate plans for technology to verify a digital identity, but we will be watching for ideas that can be used simply and effectively.

IT Disaster Recovery: KBOR will work with other agencies to help establish a disaster recovery plan. KBOR currently has no mission critical applications (those that could not be re-established within 24/48 hours).

IT Security Staff: The KBOR office currently has no dedicated IT security staff. The IT security officer role is shared between the CIO and Director of Information Technology. The CIO is responsible for informing and establishing IT policies, and the Director carries them out and works with staff to ensure they follow procedures.

Public Key Infrastructure: We currently have no plans on implementing a PKI system. There is interest in encrypted email, but the obstacles seem too great at this time.

Service Oriented Architecture: While KBOR is moving toward a more standardized, consistent infrastructure, an SOA framework is not something that fits our relatively small computing environment.

Technology Infrastructure: We are making big changes in our technology infrastructure this year, leveraging shared storage in a SAN and implementing a VMWare ESX infrastructure. Initially, we will be virtualizing new Microsoft Active Directory and Exchange services, and migrating users to this. In the next three years the expectation is to increase use of the VMWare software, migrating existing application servers to take advantage of the flexibility and stability of virtualization.

Regents, Emporia State University (Agency #379)

MISSION: Emporia State University is a dynamic and progressive student-centered learning community that fosters student success through engagement in academic excellence, community and global involvement, and the pursuit of personal and professional fulfillment.

SFY 2009 BUDGET: **$77,389,812.00**
SFY 2009 FTE: **822.60**
SFY 2008 IT EXPENDITURES: **$3,434,354.85**
WEBSITE ADDRESS: **http://www.emporia.edu**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	4	1	4	1	4
Application Maintenance and Enhancement (in-production systems)	6	1	6	1	6	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	1	0	1	0	1	0
Data Administration, Data Analysis/Validation and Database Administration	0	2	0	2	0	2
Network Engineering, Technical Management and Support	1	1	1	1	1	1
Computer Operations, Management and Technical Support	3	2	3	2	3	2
Web application development and maintenance	1	0	1	0	1	0
IT Security	0	1	0	1	0	1
Other IT Functions (please identify) Instructional Support, Customer Service, Multimedia Services, Telecommunications.	10	4	10	4	10	4
TOTAL FTEs	**23**	**15**	**23**	**15**	**23**	**15**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	84	116	87
Virtual Servers	0	53	98
Desktops	2692	2820	3084
Desktops Replaced	486	621	663
Mobile Devices	102	165	225

SFY 2008 MAJOR APPLICATIONS:

Enrollment Management and Admission System	Banner Finance
Banner Advancement	Banner Student
Banner Financial Aid	Banner Human Resources
Banner Operational Data Store	Cognos 8 BI (Business Intelligence)
e~Print	OnBase
Infopath	Novell Groupwise
Blackboard Learning Management System / Banner	Microsoft Active Directory (AD)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During SFY 2008, Technology and Computing Services (TCS) at Emporia State University continued to focus on providing the highest quality technology services and support to the campus community.

Summary of primary accomplishments / focus:

- Completion of the Enterprise Resource Planning initiative (Banner@ESU) providing a new suite of administrative systems, consolidated, web-based access to academic and administrative systems via a new portal (BuzzIn), and expanded web access to institutional reports.
- Retirement of the legacy (mainframe) system.
- Completion of fifth (and final) year of a Title III Strengthening Institutions grant focused on expanding access to and appropriate use of data for institutional decision making.
- Appropriation of an Emergency Messaging System and initiation of implementation
- Data center enhancements to improve business continuity.
- Continued progress in the use of academic technologies, in the voice/data network infrastructure, and in operations/technical infrastructure.

Completion of the ERP project (Banner@ESU): During SFY2008, the multi-year implementation of the Sungard Higher Education's ERP suite, "Banner@Emporia State University" project was completed, providing an integrated solution for University administrative systems including Finance, Human Resources, Student Information Systems, Financial Aid, as well as University Advancement. The Sungard HE Luminis portal provides a single entry point to all systems and modules. In addition, the Sungard HE Operational Data Store (ODS) and Enterprise Data Warehouse (EDW) have been implemented providing access to institutional data for reporting via the Cognos suite of reporting tools. The past year has seen increased functionality and use of the ODS / EDW and the Cognos suite of tools and subsequent reports. The implementation services contract and project closeout activities were completed on 3/31/2008.

Retirement of the legacy (mainframe) system: As a part of the completion of the Banner@ESU implementation, all remaining data related to student records was migrated to a data repository accessible by a self-service, web-based application. Through Self-Service Banner custom applications and the ODS, authorized users may view legacy data not migrated into the Banner system, including transcript information and Human Resource records. With this migration, all functions of the mainframe system had been duplicated in the Banner production environment. Subsequently, the mainframe was taken out of production in July, 2008.

Title III Strengthening Institutions Grant: SFY2008 was the fifth and final year of a Title III grant. This initiative continues to be programmatically aligned with the Banner @ Emporia State University initiative which provides a robust and long-term support mechanism for expanded data-based decision making across the University utilizing the Sungard HE Banner Operational Data Store, Enterprise Data Warehouse and the Cognos Business Intelligence Suite. Funds from the Title III grant were utilized to support key application development and database administration positions. ESU has committed to maintaining these key positions to maintain the Banner systems and associated reporting and data archival environments.

Emergency messaging system: During the past fiscal year, as a part of the review of the campus emergency alert system, the University initiated a project to identify and acquire an emergency messaging system for timely notification of the campus community. The system allows for the distribution of email and cellular phone text messages from a single emergency message, initiated by authorized personnel through a web interface. In collaboration with Wichita State University, the University established requirements, published an RFP, and selected a vendor to provide such services. The system is hosted by Rave Wireless, a vendor specializing in mass communication and emergency alerts. The University is currently in the implementation phase of the project and should be in production by the end of August, 2008.

Data center enhancements improving business continuity: During SFY2008, planning and implementation began on infrastructure improvements on the University's data center. This included the addition of a second UPS system and generator to provide increased capacity for the data center electrical needs as well as improved business continuity. These improvements allow for supplemental power for both the installed equipment as well as the HVAC systems, allowing continuous, interrupted power for the entire center. The project is scheduled for completion during SFY 2009.

Continued progress in use of academic technologies: ESU offers nearly 600 fully online courses each academic year. In addition, every course section on campus now automatically receives a Blackboard course shell several months prior to the start of the semester. More than a dozen degree, degree completion, and certificate programs are available completely online to students across Kansas and the world using this and other complementary technologies. ESU also offers a number of courses and programs that utilize Polycom IP-based web conferencing delivered to the KC Metro Center and other statewide locations.

Faculty members continue to integrate technology into their daily face-to-face teaching as well. Presently, ESU supports approximately 85 mediated classrooms in nearly every academic building. Also known as Smart Classrooms, these enriched learning spaces employ a variety of presentation, media, and other technology to support instruction. Access to these technologies enhances innovative instruction and expanded learning opportunities. Approximately 85% of all ESU faculty utilize this technology to augment their face-to-face instructional delivery. Newer, updated Smart Classrooms have been introduced in 6 locations across campus to better meet the expectations of students and faculty alike.

The core of the ESU online course content delivery system is the Blackboard Learning Management System. During the past year, efforts to fully integrate Blackboard with the Sungard HE Banner Student System and the BuzzIn Portal were completed. This allows automated population of Blackboard course rosters in near real-time as students enroll through the Banner Student System via the BuzzIn portal. This integration substantially improves the integrity of the Blackboard course rosters and the Blackboard system.

Continued improvement in the voice / data network infrastructure: Replacement of aging data networking equipment continued in order to ensure a modern, reliable network infrastructure. Additional switches and closet UPS systems have been purchased and are being installed to replace outdated switches and to provide uninterrupted service in the event of a brief power outage. Due to limitations in the finite number of IP addresses available to ESU, alternative IP numbering schemes (use of NAT, etc) are being researched to allow for continued expansion of services and devices on the ESU network.

Expansion of the wireless network continues to be a focus. Current coverage includes public areas of nearly all campus buildings, but progress was made in extending the coverage to office and classroom areas of academic buildings as well as residence halls. Migration to a new wireless network management system was completed, enabling more efficient management of the network as it continues to grow.

Operations and technical infrastructure: ESU is currently migrating away from Novell file and print services to Microsoft-based systems in an effort to provide more seamless integration with other Microsoft-centric applications and to leverage advantages in application authorization and authentication to provide a more robust single-sign-on experience. By the end of CY2008 all faculty and staff workstations will be authenticating via Active Directory. This initiative has also allowed ESU to leverage an existing investment in the Microsoft Campus Agreement resulting in financial efficiencies.

The use of virtualization technologies has been introduced to maximize the investment in physical servers and to provide opportunities for redundant systems. Currently approximately one-third of the installed server instances are virtual rather than physical. Given the success of recent implementations, the use of virtual servers (in appropriate situations) will continue to expand.

User and client support services: All campus information technology support, including workstation hardware/software support, distance education and distance learning, and problem resolution services are now provided through a centralized help desk. Support services are provided via e-mail, telephone, and three in-person locations including the Technology and Computing Services office, the student union and the library. Issue tracking and automated follow-up is managed for all services, providing an opportunity for feedback from the campus community and subsequent improvement of customer relations and support.

STRATEGIC DIRECTION AND OBJECTIVES: During the coming fiscal year, significant planning will occur to ensure that the IT strategic direction is in alignment and provides foundational support for the University's forthcoming Strategic Plan. The plan is currently published as a "working document" with final approval and adoption coming this year. Priorities for IT services will be determined by ensuring they align with the plan's strategic themes, goals, and objectives. This will be important not only for those objectives that specifically address IT services, but also for those that imply and/or require a solid underlying IT infrastructure.

Approaches to IT Asset Management, specifically in terms of desktop, smart classroom technologies, voice and data network infrastructure and server infrastructure will be reviewed in order to standardize technology support, implementation/maintenance processes, and refresh planning. Additionally, increased use of project management methodologies for IT operational activities and services will be explored, as will methodologies for managing the numerous projects which are continually within the scope of the Technology and Computing Services department. A new focus on formalized practices will aid in achieving the goal of alignment between IT resources and priorities and those of the campus community and the University's overall strategic direction.

Agency Architecture: Emporia State University continues to strive to be in full compliance with the "target architecture" as defined in the Kansas Information Technology Architecture. There are currently some infrastructure technologies (notably network cabling) that must be brought into compliance through replacement. Efforts continue to complete these infrastructure upgrades as funding allows. As ESU selects new and innovative technologies to support administrative and academic needs, it will ensure such technologies are in compliance with KITA.

Business Contingency Planning: The need for a comprehensive business continuity and disaster recovery plan is a part of the University's Strategic Plan which is currently under development. As such, this will be a priority in the coming year(s) for not just Information Technology Services but for administrative leaders and divisions across campus.

Business Process and Workflow Management: Many business processes are now managed within the framework of the Banner@ESU ERP implementation. In addition, management of certain business processes outside of the Banner system have varying levels of automation. For example, applications are in place to support document imaging, automated routing and approval of forms for various University administrative tasks, and more. Increased utilization of automated

workflow processing, including integration of the Banner@ESU and imaging systems for automated image retrieval, are under review.

Collaboration Software: Emporia State University currently utilizes multiple applications to support administrative and academic collaboration. Support for those applications, as well as new technologies, will continue to evolve to provide a solid foundation for collaboration, including:

- Novell GroupWise, version 7.0, is the standard e-mail and calendaring system used across the University, offering group calendaring and scheduling capabilities. A move towards Microsoft-based systems (Exchange/Outlook and Sharepoint) is currently under consideration.

- The Luminis Enterprise Portal is used to connect all ESU stakeholders to role-specific targeted content, collaboration tools and single-sign-on access to enterprise applications. The stated direction is to continue expansion of the breadth of enterprise applications available via the portal to enhance access to information and ease of collaboration.

- Horizon-Wimba provides web-based teleconferencing capabilities utilizing the commercial Internet. It is currently primarily used by academic departments for classroom collaboration, but has the potential for broader application, including use by all faculty/staff for internal and external collaboration.

- The University supports several teleconferencing sites on its campus and routinely provides locations for satellite downlink programming.

- Applications within the Microsoft SharePoint suite are currently being evaluated for feasibility and functionality. If favorable, included applications have the potential to enhance collaboration across the University.

- Initial discussion and evaluation of Web 2.0 technologies (blogs, wiki's, etc.) and their applicability to IT services at ESU have begun.

- Techsite, an internally developed Microsoft SharePoint-based system, provides user access to supported software for installation, shared workspaces, support documentation and active project updates. The site will continue to evolve with expanded content, increasing its usefulness to faculty, staff and students for automated, self-service support.

Data Storage and Administration: All administrative data for the Student, Finance, Advancement, Financial Aid, Blackboard and departmental applications are stored and managed within either Microsoft SQL Server or Oracle RDBMS systems. Supporting storage for such databases is in either directly attached server storage or the Enterprise SAN environments. Data backup and retention processes exist to ensure appropriate storage and retention of all University data and information assets. Emporia State University uses Veritas NetBackup as the backup and recovery tool for all University supported data and information assets. Expansion of the SAN and backup environments are anticipated as data repositories and application needs grow.

The University will also review the feasibility of migrating select technologies and applications to a hosted environment. A number of factors will be considered including the resources required to support the application, cost, impact to availability, and opportunity for customization.

Data Transfer: State and federal reporting and interfaces have been built to deliver required data elements to respective partners, such as SEVIS and the State of Kansas. Interfaced data are delivered through Secure File Transfer Protocol (SFTP).

Electronic Records Retention: The University follows state guidelines regarding adoption and promulgation of electronic records retention policies and processes. University-specific policies regarding data classification and records retention need to be established, as does Enterprise Data Lifecycle Management Planning.

E-Government: The University website, University portal (BuzzIn), and Self-Service Banner (SSB) interface into the Banner@ESU ERP system provide the primary online content to the ESU community and, as appropriate, non-University community. Continued review and expansion of the type and scope of services offered ensure maximum availability of University services to all University stakeholders.

End User IT Security Training: IT Security Awareness materials are distributed to the campus community throughout the year. Special efforts and focus are planned during the month of October (National Cyber Security Awareness Month). Training content is currently being developed for end-user training in "Security Awareness I" and FERPA, with additional topics and content to be developed on an ongoing basis. Training courses will be available in an online, self-paced format.

Identity Management: ESU currently relies on Novell's eDirectory for the foundation of its Identity Management infrastructure. Future directions include the expansion of Microsoft Active Directory to support the authentication and authorization services of all workstation-based applications at ESU and to maximize the "single-sign-on" environment across all University on-line services.

IT Disaster Recovery: The need for a comprehensive business continuity and disaster recovery plan is a part of the University's Strategic Plan, currently under development. As such, this will be a priority in the coming year(s) for Technology and Computing Services as well as administrative leaders from across campus. Currently, planning and design of new applications includes consideration of availability and recovery in case of a disaster. Specific architectural models (load balancing, clustering, and virtualization) are used to increase availability and minimize recovery efforts. Location of geographically distant data center facilities for continuity / recovery purposes will be a priority during the coming year.

IT Security Staff: Emporia State University currently has one staff member who serves as the University Information Security Officer (ISO). All information technology staff members realize the importance of security and give consideration to such in their daily responsibilities across the spectrum of IT support and services. With the attention given to a comprehensive Information Security Plan in the forthcoming Strategic Plan, the ISO will lead an inclusive effort of all TCS staff in the review, revision, and update of security policies, procedures, and awareness training.

Public Key Infrastructure: ESU currently has no active initiatives or plans involving PKI.

Service Oriented Architecture: ESU currently has no active initiatives or plans involving formalized SOA.

Technology Infrastructure: The University currently supports a mixed platform environment including Netware, Windows 2003, Linux, and Solaris (Sun Microsystems Unix). It relies on a combination of physical and virtual server technologies, depending on the nature of an application's technical requirements.

ESU has successfully implemented new ERP systems (SunGard Higher Education Banner). Sun Microsystems provides the hardware and extensive SAN storage solutions. The Banner systems have been deployed utilizing the Oracle database management system. The University purchased an Oracle campus agreement as a part of this initiative in order to standardize on a single database management system product suite for enterprise application data management.

Emporia State University is currently pursuing an initiative to replace all Novell-based identity management, email, file and print services with Microsoft-based technologies. This will better position the University to support a fully integrated federated identity and service/content authentication/authorization environment. This initiative supports a critical goal of information technology services at ESU in providing the right data to the right people at the right time in a convenient and secure manner.

All campus buildings including residence halls are connected via an Ethernet data network comprised of copper cabling to the desktop and fiber optic cabling between buildings and between building segments. There is need for the replacement of aging copper cabling within nearly all campus buildings, an ongoing project which is primarily constrained by funding resources. The wireless network infrastructure continues to be expanded and ubiquitous wireless coverage will become a priority in the coming year as a part of the University's Strategic Plan.

Regents, Fort Hays State University (Agency #246)

MISSION: Fort Hays State University, a regional university principally serving western Kansas, is dedicated to providing instruction within a computerized environment in the arts and sciences, business, education, the health and life sciences, and agriculture. The university's primary emphasis is undergraduate liberal education, which includes the humanities, the fine arts, the social/behavioral sciences, and the natural/physical sciences. These disciplines serve as the foundation of all programs. Graduates are provided a foundation for entry into graduate school, for employment requiring well developed analytical and communication skills, and for coping with global complexities of the 21st century. Natural outgrowths of the university's primary emphasis include pre-professional, professional, master's, and education specialist programs. A statewide strategic focus of the university is the integration of computer and telecommunications technology with the educational environment and the work place.

SFY 2009 BUDGET: **$83,253,752.00**
SFY 2009 FTE: **737.50**
SFY 2008 IT EXPENDITURES: **$3,654,224.17**
WEBSITE ADDRESS: **http://www.fhsu.edu**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	1	1	1	1	1
Application Maintenance and Enhancement (in-production systems)	0	3	0	3	0	3
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	1.5	0	1.5	0	1.5
Network Engineering, Technical Management and Support	0	1.5	0	1.5	0	1.5
Computer Operations, Management and Technical Support	3	0	3	0	3	0
Web application development and maintenance	0	4.5	0	4.5	0	4.5
IT Security	0	.5	0	1.5	0	1.5
Server Administration	0	5	0	5	0	5
Desktop / Micro Support / Helpdesk	0	6	0	6	0	6
Mediation Classroom Support & Telecomm	0	3	0	3	0	3
TOTAL FTEs	**4**	**26**	**4**	**27**	**4**	**27**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	2	2
Physical Servers	36	44	46
Virtual Servers	6	7	8
Desktops	2100	1650	1350
Desktops Replaced	200	140	140
Mobile Devices	290	370	460

SFY 2008 MAJOR APPLICATIONS:

Budgetary Accounting System
Personnel Information System
Facilities System
Time and Leave
Course System
Course Equivalency Program
Scholarship System
Endowment Accounting
Endeavor Voyager
FHSU Data Warehouse
Schedule/25, Resource/25
Student Information System
Transcript System
Housing System
CampusCall Phonathon Software
Receivables
Admissions
Career Planning
Payroll/Personnel System
Telecommunications Billing System
Financial Aid System
Work History
PowerFaids
Alumni/Endowment System
Lotus Notes Applications
Enterprise Directory Service
Degree Audit
uPortal TigerTracks Portal
Campus Loan Manager

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

Administrative Systems: The programming staff meets weekly with a working committee (Registrar, Dean of the Graduate School, Director of the Virtual College, Assistant Provost, Director of Student Fiscal Services, Director of Financial Assistance, and others) to reengineer FHSU administrative systems. This committee created a three year plan for on-line course registration, a degree audit system, and an admission system. We launched TigerEnroll in Fall, 2006, an on-line course registration and enrollment system. This past year we have worked on enhancements to this system, and we have launched a new on-line Degree Audit System for students. The Degree Audit System tracks student progress towards their degrees. As part of this system we have also incorporated the ability for students to check out requirements for other degrees by launching a what-if inquiry. Faculty advisors like this system because it helps them track requirements and suggest courses to meet degree requirements. Students appreciate the fact that the functionality is all housed in the TigerTracks student portal which gives them one-stop access to e-mail, Blackboard, their financial information, TigerEnroll, and Degree Audit.

FHSU created a standing Crisis Management Team. One of the initial tasks was to coordinate emergency communications. After reviewing a variety of products, FHSU selected LeaderPhone, Inc. as the vendor for emergency communications. After several pilot tests, we asked faculty, staff, and student to sign up to the system. The New Development Group added an application on the portal for the FHSU community to complete the signup by entering their emergency contact information. The University has given very high-level support to this effort, so a very high percentage of employees and students have participated. Students are now required to make a decision to participate or not to participate before seeing their grades on-line, and this has boosted participation considerably.

The architecture of our portal and our Student Information System system involves .NET applications working in conjunction with CICS to provide portal and access to administrative

system information for students, faculty, and staff. In many cases stored procedures on an Intel-based DB2 relational database provide data that is used by the .NET applications. This has preserved much of the business logic that has been developed over the years while enabling a process of reengineering procedures and making them web-based for the users.

The portal also allows us to provide links to other vendor-based software when it provides good functionality. Students use StarRez to select roommates, choose housing contracts, and sign up for meal plans. They use JobX to apply for work on campus. The Financial Assistance office uses PowerFAIDS to distribute financial aid. Campus Loan Manager also assists in making money available to students. There is also a link for purchasing books at the Campus Bookstore.

The CTC worked this past year with the Center for Teaching Excellence and Learning Technology to pilot an vendor-based on-line system for teacher evaluations, CoursEval 3. This system provides useful on-line data for teachers, Department Chairs, Deans, and the Provost. The Provost's Office and Faculty Senate has decided to adopt this product. This will eliminate the paper forms currently used for teacher evaluations. This system will also feed SPSS for reports that Institutional Research creates for the various departments and Provost's Office.

Mobile Computing: Starting Fall, 2007, FHSU required on-campus Freshmen and transfer students to purchase tablet computers. To prepare faculty to teach courses using tablets, in 2005 FHSU bought enough tablets to set up a variety of carts (the count is now 11) with 24 computers on each cart for teaching purposes. Also, FHSU set up wireless access points in all academic buildings and in the residence halls so that anyone bringing laptops or tablets to campus would have wifi access to the Internet and to campus resources. The CTC Helpdesk and the Learning Commons in Forsyth Library assist students with their tablets.

Students use their tablets and laptops in the classroom and across campus. We are also beginning to phase out some traditional computing laboratories because students have tablets. In one case we added a cart of 24 Macs to replace a Mac lab that was used for instructional purposes.

Faculty members typically take tablets to the Mediated Classrooms and plug directly into the LCD projection and sound system. They can access the internet wirelessly or with an ethernet cable. Guests can use wifi to gain access to the internet and email by logging into Guest accounts hosted on our access points. Students use an account connected with a separate SSID that adds an additional level of security because it encrypts their passwords. Also when they login to the campus portal, their transmissions are encrypted. Faculty use an SSID that provides full encryption for all transmissions.

Some of the traditional classrooms require additional modifications to accommodate the tablets. New chairs and tables provide adequate room and flat surfaces for the tablets. The University also uses a variety of software applications enhance the use of the tablets. The widely-used Dyknow application allows faculty to broadcast screens to the whole class or enhance collaboration among students. Presentations can be recorded and stored for future viewing. Microsoft Office OneNote is useful in handling a variety of media and file formats for the tablets and for recording audio presentations.

Telecommunications: Several years ago FHSU Telecommunications created a RFP for cellular service for students, faculty, and staff for an internal SmartPhone pilot project. The SmartPhone project has worked quite well for the faculty and staff who chose to participate in the program. It is likely that additional faculty and staff will be added to this program this year. The Nursing Department pilot project for students was also successful. The SmartPhones contain the protocols for Nursing and other documents that are often referenced by the students. The SmartPhones project proved less successful for the general population of students. We believe this is because many students come to campus with cell phones and their own calling plans. Faculty and staff like the SmartPhones because they can view (and send) e-mail, check their calendars, access the web, and make calls on campus and on the road. The current technology updates e-mail and calendars continuously, so they are always current.

The Avaya switch is being used for digital and analogue phones on staff desks. Westlink currently has the contract for the SmartPhone project, and some staff use Alltel state contract for cellular service.

The wiring staff has moved under Physical Plant, but the CTC Telecommunications Specialist continues to give them guidance and to serve as project manager.

Severs, Applications, and Upgrades: The e-mail system used by students on the portal was aging had limited functionality. The server staff upgraded the system by installing Cyrus, a powerful open-source e-mail application. In conjunction with this upgrade, FHSU purchased a server with considerable disk space so that students have much more room for their e-mail messages and attachments. The system notifies students of the amount of disk store they have remaining. We have reviewed a number of free hosted e-mail services (Google Mail, MS LIVE), but at this time we have chosen to host the student e-mail on campus. In part this is because of management functionality and because it is integrated with our single sign on system. We can restore deleted e-mail, respond to requests from law enforcement, and monitor activity.

The Endowment and Alumni Office conducts telethons to contact constituents. They issued a bid for a new contact management system, and they selected a vendor. The server staff worked with the vendor and installed the new Oracle-based One-Call system for their use.

To handle the increasing load on server staff, the CTC hired an additional staff member to handle Blackboard and Angel administration. Blackboard has been upgraded to the latest incremental upgrade to version 7. The staff member is also testing version 8.

Having upgraded Samba to version 3, the Samba administrators now authenticate users from the Enterprise Directory. The Server staff created a new firewall for the newly formed Center for Public Safety.

Several server staff participated in the State Security Council chaired by Elizabeth Shannon, Pittsburg State University.

Microcomputing: Microcomputing played a large part in the creation of the new Center for Public Safety. They helped set up the lab, move the PCs, reconfigure printers, and assist with security.

Microcomputing plays an active role in the Mobile Computing Committee and in assisting the Instructional Technology Policy Advisory Committee. Setting up the security, university-licensed software, and departmental-specific software on the new machines takes some care.

Microcomputing has implemented a new centralized purchasing policy. They are responsible for ordering software and monitoring licenses for all departments on campus. One goal is to realize savings from bulk purchasing and bulk licensing.

They have assisted with all of the major moves on campus as older buildings are shut down for renovation.

Networking: The Networking staff replaced the FHSU core router with a new Enterasys Matrix N7 unit. The capacity of our older Enterasys Smartswitch router was stretched to its limit (especially the CPU) by the volume of the wired and wireless traffic. This new unit should give us the capacity to do much more policy-based management and policy-based security. Further, it should help us manage quality of service needs and give us better console management capabilities. The hardest part of the cutover was getting the new system to work with some of the older equipment. We will propose a phased replacement of the switches scattered throughout campus to increase our management capabilities and network capacity.

Prior to purchasing the Enterasys Matrix N7 unit, several vendors made presentations to President Hammond, VP Mike Barnett, and our staff in a competitive RFP for replacing the core router and three border routers. Enterasys won the bid. This competition was useful because all of the vendors discussed security features of their equipment, and it heightened the awareness of security considerations.

Derek Johnson participates in the IT Service Advisory Committee, a Committee of RITC.

Wireless access was enhanced in the University Ballroom for Spring events that are used for large groups of prospective students. They are now able to use wireless en masse. The Network staff planned for wireless in the University Quad and the University Farm.

STRATEGIC DIRECTION AND OBJECTIVES:

Agency Architecture: As we roll out new systems and reengineer our processes, we use the Kansas Information Technology Architecture document as a reference. In many areas we are either on target or moving towards the target architecture.

We have many of our businesses processes embedded in our Cobol and .Net code base. As noted last year, President Hammond has reaffirmed the previous plan to develop systems in house when it is cost-effective to do so. We add best of breed third-party applications to the core system when there is a good business case to do that. Because of our staff's CICS, Cobol, and .NET skills, we maintain the legacy CICS-based system while expanding new applications with .NET. The z/890 IBM Mainframe houses our legacy applications which are modified as necessary to meet reengineering demands for new web-based on-line processes. The z/890 permits the University to continue to use CICS for some on-line transactions and the mainframe for batch processing. Other transactions are handled entirely by .NET interacting with the DB2 relational database. As noted earlier, we have completed two of three large programming projects, a new on-line Registration and Enrollment system and a Degree Audit and What-If System. This year we will design and implement a new Admissions System.

The TigerTracks Portal is the focal point for system integration. We provide access to all centralized on-line student systems through the portal. The reengineering efforts focus on providing new services by means of the portal. The reengineering effort finds ways to streamline tasks, replace paper-based processes, improve workflow, and to increase web-based services.

Business Contingency Planning: None reported.

Business Process and Workflow Management: Many workflow processes are handled using custom-built Lotus Notes applications. This has facilitated the approval process, replaced paper-based systems, and allowed form-based data to be fed directly into administrative systems. Other workflow is built into the Sungard Bi-Tech IFAS financial system approval processes. Also we have built workflow into our TigerEnroll system to facilitate communications between academic advisors and students who register and enroll in courses using this system. Degree seeking students interact with advisors who approve course schedules.

Collaboration Software: The CTC Director chairs the university Instructional Technology Policy Advisory Committee (ITPAC). ITPAC has the responsibility for setting policies affecting technology on campus. ITPAC has provided leadership to the collaboration software discussion, particularly in searching for a portfolio management solution and in discussing student e-mail options. All faculty, staff, and student employees are required to use Lotus Notes for e-mail, calendaring, and workflow. Distribution lists help manage e-mail notifications sent to faculty, staff, and students. Many meetings are scheduled electronically using the Lotus Notes calendaring application. Faculty use Blackboard for communicating with classes or subgroups within classes. FHSU has worked out a partnership with the New York Times-owned Epsilen company. The Epsilen product is a Web 2.0 product that is useful for portfolio management and collaboration. Several faculty have participated on a common course using Epsilen for course delivery, and there are currently licenses for 15 courses. FHSU and the New York Times have signed an agreement to collaborate in developing and testing the Epsilen system and linking it with Blackboard. FHSU uses Facebook to assist in recruiting students. The CTC plans to pilot the Lotus Notes Quickr product for its collaborative features (team spaces, document sharing, wikis, and blogs). There are a variety of H.323 video conferencing solutions used for course delivery

and other video conferences. WebX is used increasingly for presentations by vendors and training sessions. Some peer to peer web chats use video cameras (web cams) for communication with China or in the US. DyKnow is used in the classroom for collaborative projects in the classroom setting, especially with the tablet computers. The students all use the TigerTracks portal for access to their data and applications.

Data Storage and Administration: The Student system stores course-related data, person-related data, and financial data (transcript information, student profile information, financial transactions). The Alumni system stores address information, other contact information, and financial giving information. The Data Warehouse contains some current and archives much historical information from the Student system. This data goes back to the first time digital information was stored on the mainframe. Faculty and staff store business-related information (Word documents, Excel documents, PowerPoint files, pdf files, etc.) on a network drive. Students have the option to store information on a network drive so they can retrieve it anywhere on campus. These systems use an EMC fibre-channel SAN that has disk to disk to tape backup (AIT-3 tape drives) for retrieval and security purposes. We have replaced the IBM Shark 2105 disk drive unit with a much more energy-efficient IBM DS6800 disk drive. We are moving the student e-mail off of the expensive SAN onto its own storage to increase cost-effectiveness without sacrificing speed. FHSU uses a variety of database systems: Oracle, SQL-Server, MySQL, and other systems as needed.

Data Transfer: Some of our systems are third-party hosted web services. LeaderPhone was selected as our emergency notification provider. FHSU uploads information into that system using ftp. FHSU has entered into an agreement with EArmyU and uses ftp to transfer course data and enrollment data. Faculty enter data directly into the Epsilen portfolio product over the web and into the Blackboard course system. KanREN has set up a direct channel between Pittsburg State University and FHSU so that data can be transferred efficiently and securely over the network (data can be backed up directly). Cognos is used to create reports from the data warehouse that are shared with selected intranet users by logging into the system. We have used some electronic transcript software for sharing transcript information from some locations. Much of the mainframe output is now send to users in .pdf format.

FHSU participates with other Regents' institutions in the Kansas Digital Library Project. In addition, the state has identified standards for exchanging GIS data, and FHSU works actively with the state in refining those standards and with licensing clients for ESRI. FHSU, the City of Hays, and Ellis County have established a formal relationship to share data. FHSU houses the GIS server for the city and the county. Through active participation in RITC with its participation in various state committees, the University attempts to stay current with the Kansas Statewide Technical Architecture for data exchange, networking protocols, and standardized computer systems as well as archival standards.

Electronic Records Retention: The University retains records of many University transactions, policies, and committees in electronic form. Official policy decisions are posted on the University intranet. Email is backed up to tape. In the cycle of reusing the backup tapes, they are erased after six months. Currently we do not archive email. As noted earlier, the Data Warehouse keeps person data, course data, roster data, course transcripts, and other data indefinitely.

The Buckley Amendment and FERPA regulations govern the use of much of our student data. In addition the Gramm-Leach-Bliley Act regulates our use of student financial aid data. The student Health information is governed by the HIPAA security requirements. Since the University's main clients are students, student data is some of the most important of the data collected by the University. Data that is not governed by FERPA but subject to open meeting legislation is available upon request.

Much of the University's financial information is public and available in the University Library. The IFAS Financial System, however, is kept secure by enforcing strong passwords and by role-

based security policies. The University Auditor works closely with the CTC to monitor overall system security. The Data Warehouse gives FHSU a responsive tool in providing meaningful decision support data to administrators and to the public. Because it houses current as well as archived information, it is especially useful for trend analysis and decision support.

E-Government: The New Development group is creating a new Admission system to replace CollegeNet, the system that was earlier mandated by the Kansas Board of Regents and now no longer required. This web-based, on-line system will allow students to enter their information directly into our student information system. Because this facilitates the admission of first-time Freshmen and transfer students, it is expected to assist perhaps 1,000 students become admitted to FHSU. The cost to the University is primarily the cost of three programmers working for 4 months on the project, roughly $50,000. The total revenue brought in for the Freshman class is considerable if one includes the cost of tuition and room and board. There are also some savings because the processes used before to bring CollegeNet data into our system are now eliminated, and because some paper processes for walk in students are now eliminated.

The university portal is role-based. When faculty login, they see faculty-specific options. When students login, they see student-related materials. As the portal is expanded, communications with prospective students will be featured on the portal, staff will have their own place, and alumni will interact in a different way. The portal will know each individual's role and tailor its interactions accordingly. If we ever choose to allow vendors to interact using the portal, that would add another dimension to e-government.

End User IT Security Training: Each year Freshman and new student orientation, there are sessions on using the FHSU systems. In those sessions they are told to protect their passwords, to log out from the portal in the labs, and to be careful with their tablets. Also in new Faculty orientation, the CTC has a session in which we emphasize the importance of protecting private data on tablets and laptops. The acceptable use policy and the security policy for mobile devices are also featured. There are a variety of security reminders sent out via e-mail to all users when phishing occurs with explanations about phishing. Because of the insecurity of mobile devices, we emphasize the need for security when faculty and staff pick up their new tablets and laptops. There is user training that all faculty and staff must attend when they receive CICS accounts for grade entry, roster checking, and other functions. They learn about the importance of using the encrypted telnet software for accessing CICS and of using the VPN when accessing campus data on the Internet. They learn about using the 8 digit FHSU ID instead of social security numbers.

Identity Management: We use the Eduperson model for identity management in our Tivoli Directory Server. The attributes defined there assist in identifying the user for the FHSU portal. This applies to all faculty, staff, and students. When faculty, staff, and student workers log on to our campus network, there is a network login using Microsoft's Active Directory. Students also log into the campus LAN (using LDAP) so they can access their files anywhere on campus. The Student Information System and campus card system use an 8-digit ID for students instead of social security numbers. Faculty and staff also login to their laptops and tablets to increase security. Some mobile devices use two-factor authentication because they have fingerprint readers. For the most sensitive systems (grades, for example) on-campus faculty must take training sessions before getting their login information.

IT Disaster Recovery: The CTC has started a major effort to identify the elements needed for disaster recovery. We are preparing a plan and a budget which will be presented to ISM (the council of the President and Vice Presidents) and the Stategic Planning Committee. We have secured a mainframe from WSU which we can use in the event of a disaster. We will move our Financial system servers to that site when they are replaced next year. In terms of location we currently are looking at two different sites: Sternberg Museum (in Hays) and another KanREN-based site (Pittsburg State University or other site). We have an agreement with PSU for server space and backup capability. KanREN has provisioned a direct connection between FHSU and PSU for uninterrupted data transfer between our two sites. If the campus core router is taken out

in a disaster we would have Enterasys overnight a new one, and we would restore it from a backup image. If we do create the disaster recovery site at the Sternberg Museum, we would take the backup tapes there and restore the systems and use the relocated campus web site and restored e-mail servers to communicate our plans to the rest of campus.

We have upgraded our tape auto loader for the Sungard IFAS system with new AIT-3 drives to improve efficiency and speed. That tape backup system is located across campus. The daily Student System backup tapes are stored away from the Computing Center. In addition the data is mirrored on a new IBM disk array.

The Physical Plant staff has installed a local generator that assists the CTC with power needs in the event of an outage. We have assisted in creating a new emergency services site (the Center for Public Safety) on campus. This site has redundant connections with the city and county, and we will activate special phone connections for the site in the event of an emergency.

IT Security Staff: FHSU does not have any single staff member dedicated to security. Currently the network administrator, several server administrators, a micro computing staff supervisor, and a staff member dedicated to user services share the load for addressing concerns about security. The CTC will propose adding one staff member dedicated to security in the next strategic planning cycle. The CTC actively participates in the RITC security committee.

Public Key Infrastructure: In order to do business with the federal government (federal grants, for example), we use PKI. Certain federal agencies require the use of PKI for grant applications and acceptance agreements. As the State of Kansas adds PKI-enabled services, we will expand our use of PKI. We do not have a strong interest in digital certifications for data/email encryption, but we would look at its merits.

Service Oriented Architecture: None reported.

Technology Infrastructure: In the Computing and Telecommunications Center Five-Year plan we have a schedule to replace all servers, desktops, and tablets and laptops in a five year cycle. Now that we have replaced our core router and three edge devices in campus buildings, we are proposing a replacement schedule for all of the other edge devices on campus. This does not address the need to have cat-5 (or better) wiring in every academic building, but it does address the need to have switching and routing equipment that meets the needs of a modern architecture. By upgrading the edge switches, the network administrator can better manage the network from the Enterasys console for security and quality purposes. In terms of network storage, we are moving the student e-mail system to new and less expensive storage. We have moved the mainframe storage to much more energy efficient storage with the purchase of the new DS6800 drives. We have expanded the EMC SAN for administrative applications. We will test our network in selected areas (areas with new edge switches) for quality of service in cases where we have uses for critical quality of service voice or video applications.

We have installed software that will inventory the PCs across campus. By having an accurate inventory of the hardware and of the installed software (including the service packs on the operating systems), we can more easily determine hardware upgrade needs.

Regents, Kansas State University (Agency #367)

BUSINESS PROGRAMS:

Computing and Telecommunications Services (CTS)
Information Systems Office (ISO)
Information Technology Assistance Center (iTAC)
The Office of Mediated Education (OME)
Information Technology Security Officer

MISSION: The mission of the University is to foster excellence in teaching, research, and extension services that develop a highly-skilled and educated citizenry necessary to the economic well-being of Kansas, the nation, and the international community. The University is committed to the discovery of knowledge, the education of undergraduate and graduate students, and improvement in the quality of life and standard of living.

SFY 2009 BUDGET: **$619,161,574.00**
SFY 2009 FTE: **4865.55**
SFY 2008 IT EXPENDITURES: **$22,905,131**
WEBSITE ADDRESS: **http://www.k-state.edu/vpits/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	0	0
Physical Servers	375	425	475
Virtual Servers	0	0	0
Desktops	18000	19000	20000
Desktops Replaced	3384	3572	3775
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:

Classroom Scheduling (Schedule/25)
Parking Services System (PowerPark)
Facilities Estimating Program (FESTOR)
e~Print
Billing Receivables System (BRS)
K-State Access Technology System (KATS)
Degree Audit and Reporting System (DARS)
New Undergraduate Admissions Web Application
New Financial Aid Scholarship Web Application
Human Resource Information System (HRIS)
Research and Extension Teaching Online Reporting Information
Facilities Management Information System (FAMIS)
Oracle Financials for Facilities (OFA-Facilities)
K-State Online v.7.0 (including other instances such as OSAS and the Advising System)
Event Room Scheduling (Resource/25)
Computrition Food Service System
EReports (Optio)
Legacy Student Information System (SIS)
Financial Aid Management System (FAMS)
New Student Information System (iSIS)
Communicator (RETORIC)
Survey 3.0
University Budget System (UBS)
Financial Information System (FIS)
TEVAL 2.3
PDB 2.1
KEAS 2.1
DCE/EIS 2.1
Go Members 2.3
Emergency Text Messaging System (ETMS)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

Computing and Telecommunication Services:

- Completed independent comprehensive technical assessment of current network and telecommunications infrastructure and operations as a baseline for planning future investments in the infrastructure.
- Completed a campus-wide email and calendaring needs assessment and alternatives analysis to develop future collaboration suite strategies.
- The migration of servers in the data center from traditional rack infrastructure to water-cooled racks to reduce heat load and create additional physical space was begun. The first phase of this migration is complete, and the second phase will begin during the upcoming year.
- The backup environment was expanded to better support the requirements of the University's business needs. This project included higher capacity tape drives and two additional backup servers for performance and increased availability.
- The SAN storage space was expanded and a tiered model was implemented, tripling our storage capacity while reducing the overall unit cost of disk infrastructure.
- Infrastructure and systems needed to support the implementation of iSIS, which was the single largest enterprise-wide IT project in several years, were designed, acquired, and implemented.
- In support of many initiatives and units across the University, CTS began implementing a virtualized server environment with over 50 instances currently in production. Virtualization of the server infrastructure is actively used in both the Windows and UNIX environments, and is allowing for decrease in physical server count and increased availability.
- Wiring and network equipment was upgraded and/or replaced in several campus buildings and network equipment, including the Jardin complex where 12 new buildings were connected to the campus voice and data networks.

- A collaborative partnership was formed with the University of Kansas and the University of Kansas Medical Center to design, acquire, and manage a fiber segment between Manhattan, KS and Kansas City, MO. This high-capacity network infrastructure will be activated during the upcoming year.
- The electronic application process for distance education students was integrated with the traditional admissions process. This improved the overall process for students, and will lead to a simplified workflow for processing student applicants.
- A new University webpage was created to improve emergency communications. The page can override all KSU websites if necessary, or a "light" homepage option can be published to provide a focused message and greater accessibility by the public.

Information Systems Office:

- Maintained smooth operations, maintenance, and enhancements of new and existing applications and databases.
- Went live with Undergraduate Admissions and the Graduate School in the new Oracle/PeopleSoft Student Information System (iSIS).
- Completed system load testing, converted legacy student data, reformatted the academic transcript, and integrated and interfaced iSIS to other K-State systems.
- Redesigned and developed new Undergraduate and Financial Aid Self-Service Web Applications.
- Upgraded the Human Resource Information System (HRIS) to version 9.0.
- Completed first year of production of the new Housing and Dining Food Service System (Computrition).
- Completed first year of production of the new Student Recruiting System (Talisma CRM).
- Completed Financial Aid federal regulatory changes for 2007-08.
- Completed Student Tuition Tax Statement (1098T) changes for 2006.

- Upgraded the Financial Information System (FIS) databases to 10g.
- Completed eReports (Optio) financial reports implementation.
- Migrated the Human Resource Information System (HRIS) and Budget systems to new production server and upgraded PeopleTools to version 8.48.
- Completed cURL scripting to more securely transfer payroll data to the State of Kansas.
- Replaced SSNs in the Facilities Management Information System (FAMIS) Key Control system with Wildcat IDs (WIDs).
- Developed overdue citations process in PowerPark enabling the collection of nearly $50K in additional fees.
- Initiated project to replace SSNs in PowerPark with Wildcat IDs (WIDs).
- Began supporting Environmental Health and Safety department's administrative computing Needs.
- Completed Microsoft VISTA compatibility testing for all systems.
- Completed ISO's portion of RENEW Project in preparation to migrate from Novell to Microsoft Active Directory.
- Completed the office remodeling project.
- Accelerated staff training in new technologies; contracted with new training vendor to provide cost effective onsite trainings.

Information Technology Assistance Center (iTAC)

- Upgraded 10 existing technology classrooms and three studio classroom environments. Completed two new technology classrooms and one mobile cart environment, bringing the total centrally funded high tech environments to 48.
- Designed and planned studio environments for Anatomy and Physiology for the Department of Kinesiology and the Quantitative Center for the Departments of Math and Physics.
- Upgraded 82 computers in the university computing labs, InfoCommons and Media Development Center.
- Completed migrations off of Novell and onto Active Directory Services for 508 workstations.
- Continued to enhance the training provided for the IT Help Desk consultants. In 2007, we updated our online documentation, organized two Help Desk Boot Camps, and worked with campus partners on improving problem resolution. Expanded the use of Remedy for trouble reporting and management with more than 38,000 tickets submitted in 2007.
- Organized training session for 23 unique topics. Initiated eTips (online synchronous 30-minute training sessions). Supported 16 sessions of TechBytes on topics ranging from Collaborating with IRC to Social Bookmarking; 206 individuals attended the series. Provided 107 training sessions on topics ranging from Introduction to HTML to Creating Online Quizzes.
- Worked with Disability Support Services and the Division of Continuing Education to inform and train the campus about the Course Accessibility Standards Policy available from http://www.k-state.edu/dss/k-access/policy.html.
- Completed the second (last) phase of mandatory theses and dissertation submissions to the Kansas Research Exchange as part of the Electronic Theses, Dissertations and Reports project and continued to build K-Rex as the university's institutional repository for scholarly work created by our faculty and students.
- Celebrated six years of InfoTech Tuesday with more than 302 issues and 6,250 subscribers.
- Provided documentation, training resources and communication for the LASER project http://www.k-state.edu/isishelp/.

Information Technology Security

- Continued efforts to protect confidential data, especially personal identity data (with SSNs) and credit card information.
- Developed preliminary data classification and security policy and standards.
- Defined IT security incident management policies and procedures, and an incident tracking system.
- Developed new procedures for handling Digital Millennium Copyright Act notices, litigation hold requests per e-Discovery, and performing forensics on Microsoft Windows computers.
- Defined a general IT security architecture for the campus.
- Secured over 3,500 personal computers belonging to students in the residence halls through Operation PC with Bradford Campus Manager. Spyware was removed, operating systems were patched, and managed antivirus and patch management software were installed before the computers were permitted to connect to the K-State network, resulting in significantly reduced rates of malware instances on residence hall computers.
- Upgraded the campus to a new version of anti-virus software and expanded technical support for Trend Micro products.
- Purchased a campus agreement license from Microsoft for Windows Server Client Access Licenses to facilitate patching security vulnerabilities in Windows computers.
- Began efforts to improve security of the K-State wireless network.
- Reviewed the security of numerous systems, applications, and projects.\
- Added considerable content to the K-State's IT security web site.
- Sponsored numerous training and awareness events. Held an all-day security training event for departmental security contacts and central IT staff, hosted monthly informal round table sessions on a wide variety of topics, recorded "TechBreak" television programs on security topics for K-

State TV, gave several invited presentations, and published weekly InfoTech Tuesday newsletter articles.

Office of Mediated Education:

- Released EIS 2.0 and 2.1, which moved registration from EIS to iSIS and improved the public search for DCE courses to be more "Google" like.
- Released K-State Online 7.0 / Axio 3.0, which included many new features such as the ability for instructors to define their own quick links; a recent course activity viewer for instructors and students, easy-to-access course statistics to help instructors track statistically how and when students are using their courses; a gating tool which allows instructors to require students to access or complete specified course work before they are permitted to move on to other course work; integrated Wimba voice tools; and a new attendance tracking tool. K-State Online was also updated to pull roster and advisor data from iSIS.
- Released the initial version of the ETMS for sending emergency notification using text messaging to all affiliated K-State faculty, staff, and students.
- Released Persons Database 2.0, which included integration with the iSIS system as an authenticating data source for student data. It also removed the need for people to validate as students or employees and now verifies everyone as affiliated with K-State. A new version of a PDB support tools was also released to aid Admissions and Human Resources in identifying and correcting missing or incorrect data.
- Released Online TEVAL 2.2, which included new notification functionality and layout changes for administrative use.
- Recent projects include: web-based mapping tools for the Ecoforecasting project, application to display poisonous plants in Kansas, online mapping services for wheat harvest, expanded functionality of the Central Plains Virtual Observatory site, and developed a prototype for the USDA ASPHIS project.
- Recent projects include: WID integration for FAMIS, Parking Services, the Voyager Library system, retrieving ACT/SAT data for iSIS, and linking iSIS and the Persons Database, as well as, linking Career & Employment Services and CSO interface.

STRATEGIC DIRECTION AND OBJECTIVES: Kansas State University is striving to become a top ten Land Grant Institution. This goal guides the university's strategic directions in the areas of teaching, learning, research, and outreach and drives the need for reliable, flexible computing systems. This direction also requires that the university generate and maintain accurate, accessible business data. The current strategic planning themes for the university and the strategic IT objectives are listed below. During the next year, we will be re-evaluating our strategic IT objectives to ensure that our campus IT services are aligned with new strategic planning themes being developed by the university and with the needs of the campus community.

STRATEGIC PLANNING THEMES FOR KANSAS STATE UNIVERSITY

1. Support Recruitment, Retention, and Professional Development of High Quality Faculty.
2. Strengthen the Learning and Teaching Environment.
3. Enhance the Quality of Graduate and Research Programs.
4. Develop the Library Infrastructure.
5. Develop the Information Technology Infrastructure.
6. Enhance a Diverse Multicultural Environment.
7. Enhance International Emphases.
8. Define the University's Role in Mediated Learning.
9. Contribute to the State's Economic Development and Environmental Health.

The current IT strategic objectives support Planning Theme #5 – Develop the Information Technology Infrastructure. The objectives are:

1. Complete the installation of the LASER systems and remove the mainframe and associated software systems.
2. Continue to strengthen the infrastructure of IT, including networking, basic computing, middleware, data and information, security, policy, procedure, planning, and communication.
3. Maintain the academic systems, learning management, courseware production, learning environments, and advising systems at or close to the leading edge.
4. Enhance the research processes with a robust management system based upon principles developed for teaching and learning.
5. Ensure that campus IT services are aligned with the needs of our users.

Major projects supporting these objectives that will be active in this coming year are:

1. LASER – PeopleSoft/Oracle student system – ongoing [1]
2. Continue to improve campus network redundancy – ongoing [2]
3. Establish a second data center – planning for move of critical applications and data – ongoing
4. Replacement of current email and calendaring services – ongoing [2]
5. Continue to increase effective security and codify policy and procedures – ongoing [2]
6. Experiment with new and innovative technologies for teaching, learning, research, and outreach – ongoing [3, 4]

Agency Architecture: Twilight standards in the network architecture that are being phased out but still have a small presence on campus are: CAT3 cable for data communications, IPX and AppleTalk protocols, Ethernet hubs, and 3270 terminal emulation. All other technologies at Kansas State University in the other architecture categories are current or emerging standards per version 10.0 of the Kansas IT Architecture.

Business Contingency Planning: As K-State strives to achieve its mission and develop its future through the strategic deployment of information technology, continued awareness of the essential nature of information technology in enabling, maintaining, advancing, and ensuring the University's success must be maintained. IT BCP/DR planning is coordinated with the University's overall BCP/DR planning efforts, which are coordinated by the Director of Environmental Health and Safety. The Assistant Director of Computing and Telecommunications Services for Enterprise Systems Technologies serves as coordinator for the IT team responsible for recognizing IT service outages, providing first response to IT service outages, and coordinating recovery efforts. As part of K-State's ongoing strategic efforts to maintain and advance its information technology infrastructure, significant improvements in the reliability and recoverability of the technical resources deployed in the infrastructure continue to be made. Computing and Telecommunications Services, and the Information Systems Office have all been systematically improving components of the IT infrastructure relating to network reliability, redundancy, and recoverability, as budgets permit. K-State's first IT Business Contingency/Disaster Recovery Plan was submitted to the Kansas Chief Information Architect June 30, 2000. The resulting working document provided a reasonable general description of the University's plans to prevent avoidable IT service outages and to recover from actual information technology service outages; however, the details of current assets and risks tend to change considerably over time. The target date for completion of the next formal K-State's IT BCP/DR review and update is June 30, 2009.

Business Process and Workflow Management: None reported.

Collaboration Software: Kansas State University shares knowledge on a continuous basis with the University of Kansas on information technology issues and decision. This also occurs to some extent with all the Regents institutions; this year perhaps more with FHSU and ESU. Because of these communications, many of our physical infrastructure decisions are the same and if not that, compatible. Considerable discussion on wireless and security for that media has taken place. The library systems have been done in collaboration with KU, media systems with KUMC, and information and data security policy is being developed collaboratively. Digital library data is shared among the schools, to some extent, and that should increase. K-State is also working collaboratively with the other Regents' universities on digital preservation planning.

Data Storage and Administration: Recent activities include Data Storage and Administration, developing the Wildcat ID (WID) as a sharable personal identifier, establishing an integration platform for standardization of message and data interfaces between systems, replacing the legacy financial information system with Oracle Financials and implementing Talisma as a student recruitment system. Goals established for the next three years include enhancement of policies and access / control mechanisms for data usage and security, transition to broader usage of the WID, adaptation of core enterprise data through the integration platform and replacement of the legacy student system with Peoplesoft Campus Solutions.

Data Transfer: None reported.

Electronic Records Retention: K-State's current policies regulating record access and retention apply to web-based records. In addition, a policy on Research Data Access and Retention has been published to regulate documents that have been created by faculty, staff, and students relative to sponsored projects. K-State's Libraries is planning to hire an electronic records manager as funds become available, to further promote electronic records management.

E-Government: Kansas State University is implementing Oracle/PeopleSoft Campus Solutions to meet the online needs of our students for admissions, financial aid, enrollment, fee assessment, and fee payment. The implementation of this new student system began in June 2007 with full functionality to be implemented by December 2008.

End User IT Security Training: Kansas State University completed the required annual security self-assessment in 2007 using the tool designed for higher education by the EDUCAUSE/Internet2 Computer and Network Security Task Force. The self-assessment is repeated annually and the results are reported by October 1 to the Board of Regents office, as required by ITEC policy 4310, using a form developed by the Regents IT Council (RITC) and approved for use by all Kansas Regents institutions.

K-State added considerable content to the K-State's IT security web site.

Numerous training and awareness events were sponsored. Held an all-day security training event for departmental security contacts and central IT staff, hosted monthly informal round table sessions on a wide variety of topics, recorded "TechBreak" television programs on security topics for K-State TV, gave several invited presentations, and published weekly InfoTech Tuesday newsletter articles.

Identity Management: Kansas State University uses an LDAP-based management system that validates users for central IT services. The University is beginning an analysis of its Enterprise Identity Management and Access control (IdAM) needs for the future to be completed this fiscal year.

IT Disaster Recovery: (see Business Contingency Planning above.)

IT Security Staff: None reported.

Public Key Infrastructure: Kansas State University plans to subscribe to the EDUCAUSE Identity Management Services Program in FY 2009 as a first step toward supporting electronic signatures. This subscription provides discounted digital certificates and associated services, and will allow the campus to standardize on a particular vendor and technology. Long term, KState will implement a full public key infrastructure (PKI) when resources become available. This will likely be an extension of the current K-State identity management system, K-State Enterprise Authentication System (KEAS), which is currently used for directory and authentication services based on LDAP and username/password.

Service Oriented Architecture: None reported.

Technology Infrastructure: Kansas State University is planning to create more redundancy for the support of all critical systems at the university. In order to provide redundancy in the physical network structure, the creation of a logical double ring architecture is required. This will be accomplished as resources allow.

Regents, Pittsburg State University (Agency #385)

BUSINESS PROGRAMS:

Instruction	Academic Support
Institutional Support	Research
Public Service	Student Support
Physical Plant	Student Aid
Auxiliary Enterprises	Service Clearing
Debt Service	

MISSION: Pittsburg State University, a comprehensive regional university, provides undergraduate and graduate programs and services to the people of southeast Kansas, but also to others who seek the benefits offered. This is accomplished by the unique combination of academic programs in the four colleges of the University (Arts and Sciences, Business, Education, and Technology). The University is equally committed to fulfilling its statewide mission in technology and economic development by facilitating partnerships with secondary and post-secondary educational institutions, businesses, and industries.

SFY 2009 BUDGET: **$84,863,121.00**
SFY 2009 FTE: **877.93**
SFY 2008 IT EXPENDITURES: **$3,334,717.67**
WEBSITE ADDRESS: **http://www.pittstate.edu**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	2	4	2	4	2	4
Application Maintenance and Enhancement (in-production systems)	4	2	4	2	4	2
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	6	5	6	5	6	5
Data Administration, Data Analysis/Validation and Database Administration	0	1	0	1	0	1
Network Engineering, Technical Management and Support	0	5	0	5	0	5
Computer Operations, Management and Technical Support	2	3	2	3	2	3
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	1	0	1	0	1
Other IT Functions (please identify)	2	1	2	1	2	1
TOTAL FTEs	**16**	**22**	**16**	**22**	**16**	**22**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	35	31	25
Virtual Servers	0	28	50
Desktops	N/A	N/A	N/A
Desktops Replaced	N/A	N/A	N/A
Mobile Devices	N/A	N/A	N/A

SFY 2008 MAJOR APPLICATIONS:

Human Resource Information Systems
Business and Financial Information Systems
Library Automation System
Virtual Private Network
Email
Ticket Office (Pro-venue / Tickets.com)
Symantec Anti-Virus
Xythos Web File Share
Campus Loan Manager
Virtual Servers
ANGEL Learning System,
System (CMS)
Student Information Systems
Millennium System
University Police and Parking Services
Document Imaging
CBord One-Card System
Micros Point of Sale
Watchfire WebXM
Local Windows Update (WSUS) Server
Campus Calendar Server
Student Health Center
Course Management
Consolidated Backups

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

Application Development

- **UniVerse Conversion** – The ERP platform was converted from the PI Open database to the IBM UniVerse database. All application programs were ported to this platform. This move PSU from an ERP that was based on a non-supported database to a current generation actively supported platform.

- **Electronic Appointment System** – The first three modules of a new electronic hiring and appointment process were delivered. These included Electronic Position Inventory, Electronic Spoken English Form and Graduate Assistant Appointment.

- **Student Recreation Center Card Access Application** – The PSU One Card System was modified to serve as an access card for student identification and entry for use of the new Student Recreation Center.

- **Document Imaging System Transition** – The responsibility for the PSU Document Imaging System (Image Now) was transitioned from the Division of Academic Affairs to the Office of Information Services. A plan for re-indexing the system to prepare for future growth was developed and implemented.

- **EDR (Employment Data Report)** - Created a GUS application to gather employment data for Career Services to compile into a report. This allows students and faculty within their department to enter and update information.

- **Card Swipe Registration** - Created a card swipe program for Career Services to use to track attendance of students to their events and job fairs.

- **CST (Career Services Tracking database)** - Developed a GUS application that tracks a students/business interaction with the Career Services office. For example, if a student requested resume help or if a business inquired about creating jobs or internships.

- **Metric Reports** - Combined data from all of the Career Services applications (Perfect Interview, mock interview, attendance to job fairs, use of the resource center...) to a series of reports. The purpose being, the ability to count a student only once even if they had interacted multiple times with the office during the FY.

- **Unified, On-line Application for Admissions** – Delivered the first two modules of a unified on-line application system. This system uses a series of questions to guide the student through the application process. The two completed modules support graduate and international students

- **E-Commerce for Application Fees** – On-Line credit card payments for fees related to applications were developed and implemented.

- **Enhancements to Web-Based Demographic System** - New web pages to allow students to change their major were developed. These enhancements allow for better control of students degree/major/minor/advisor data. In addition, enhanced demographic web pages (name, address, birth date, ethnicity) were developed. This enhanced systems provides additional security and tighter data control.

- **Course Demand Report** – Developed a new course demand reports that assists academic departments in predicting demand for courses.

- **Enhanced Degree Audit System** – The on-line degree audit system was enhanced to process multiple degrees. These enhancements also allow the degree audit it to be used with Financial Aid processes which indicates what courses taken contributes to the students' degree.

Campus Services

- **Migration to ANGEL CMS** – The Division of Academic Affairs (Center for Teaching and Learning with Technology) and the Office of Information Services lead the campus migration from BlackBoard to ANGEL Learning Systems CMS. Courses were migrated to the new system and application conduits were developed to link ANGEL to the ERP system. In addition, faculty and students were trained through numerous workshops and classes, including the provision of ANGEL Orientation to 40 Freshman Experience/Transfer Transition classes.

- **Enhanced Helpdesk Support** – The staffing and operation hours of the Help Desk was expanded to provide evenings and Sat mornings when classes are in session to better assist campus with technology issues.

- **Gorilla Geeks** – In its first year of operation the "Gorilla Geeks" student technology center provided over 500 students with personal computer support.

Systems and Networking

- **KanREN Backbone WAN** – In cooperation with other Regent's universities, Kan-Ed and KanREN, a new high capacity, fiber-based WAN was developed and implemented. This network increased Internet capacity from 70mbps to over 1,000mbps. The WAN also provides for other collaborative activities, including an on-going disaster recovery experiment with Ft. Hays State University.

- **Virtual Server Growth** - The VMware environment was increased from 2 hosts to 4 in order to accommodate the higher demand for virtual server resources.

- **DHCP/DNS Appliances** - Enterprise level DHCP/DNS appliances from Bluecat Networks were deployed providing the campus a more stable DHCP/DNS infrastructure.

- **LDAP Services** - Deployed centralized LDAP services with Sun Directory Server 6.2. This deployment allows disparate servers and services to have a standard, consolidated, and centralized authentication mechanism.

- **Anti-Virus/Anti-Spam Enhancements**- Re-Deployed the PureMessage Anti-Virus/Anti-Spam solution on new, faster hardware to accommodate the explosive growth in email to the campus.

- **Email Enhancements** - Deployed @Mail web-based email system to replace SquirrelMail and give webmail users a more updated user interface.

- **Xythos Upgrade** - Upgraded the Xythos web-based file storage service to the latest version giving users an updated user interface and additional features.

- **File Share Deployment** - Encouraged and deployed the usage of central file shares to protect sensitive documents by storing them in a central location that is both physically secure and backed up.

- **Consolidated Backup Upgrade** – Upgraded consolidated backup software to CommVault version 7.0. This supports software on a 64-bit OS, which increases the speed of backups.

- **Network Management Enhancement** - Deployed a configuration management package for network devices. This enables automation of routine and error-prone network configuration tasks including configuration backups, real-time change management, device inventory management and comprehensive policy management of routers, switches, firewalls, access points, VPN concentrators and other network devices.

Information Security

- **Firewall Upgrade** - Deployed an Enterprise Level ASA 5540 firewall to replace 3 BSD-based firewalls. This increased the performance of the university's connection to the Internet while increasing manageability.

- **Data Stewardship and Security Task Force** – A task force was established to recommend appropriate policies, standards, and guidelines to address both digital and paper environments. Most administrative areas have completed an inventory of their data.

- **NATing campus computers** – migrated campus computers from using public Internet Protocol (IP) addresses to using private IP addresses. This increases the security of the end-user PCs and helps protect them from viruses, worms, and other malware.
- **Policy Tracking System** – A new policy notification and tracking system was developed and implemented. This system allows for a policy owner to upload and specify who has to sign off on a PSU policy. The system performs notifications and tracks who have signed off on policies.

Telecommunications

- **Campus Security and Safety Enhancements** - In support of the campus crisis management program several telecommunications related projects were implemented.
    - Group Call
        - Will allow approximately twenty people to receive important information at the same time via their telephone. Examples of some of the groups are Deans and Chairs, Area Contact People, Departmental Directors, Department Contact People, Housing Officials, and Students. The information could be either recorded, or be read by an individual, as each event warrants. Four specially designed phones provide access to all the groups from varied locations across campus.
    - Broadcast Voice Mail
        - Will allow important information to be sent to all voice mailboxes or to groups of mailboxes.
    - Informational Voice Mailboxes
        - This allows on campus and off campus individuals to have access to an official recorded announcement.
    - Text Messaging
        - PittAlerts allows for Crisis related information to be sent to Students, Faculty, Staff, Local officials, and Parents.

Facilities

- **Distribution Upgrade** – Fiber and copper installation were completed to support the Network, the deployment of wireless data, Voice Over Internet as well as conventional voice services to the new Student Recreation Center building. In addition, Fiber Plant expansion of 96 fibers was installed to provide needed campus distribution as well as distribution to the redundant / contingency data center.

STRATEGIC DIRECTION AND OBJECTIVES: The development of the IT strategic plan at Pittsburg State University is part of the University's overall integrated planning process. IT projects and activities are coordinated by the Office of Information Services and overseen by the Director of Information Services. The Director of Information Services receives direct supervision from the Vice President of Administration and Campus Life. The IT governance process also includes several university committees. These include the Faculty IS Committee, the Deans' IS Committee, and the Information Technology Council (ITC). The ITC is a standing committee of the President's Strategic Planning Council that is responsible for the University's overall Strategic Plan.

From these activities, five of the university's strategic business goals are the focus of the Office of Information Services for the SFY 2009 – 20011. These are:

1. Provide anytime/anyplace access to the university resources required to support the university's mission.
    - Develop wireless data network management tools.
    - Increase the number of campus services available via the Internet.
    - Improve off-campus access to all available services, information sources, and databases.
    - Support the Center for Teaching and Learning with Technology by deploying the infrastructure required for technology based academic initiatives.
    - Utilize the ANGEL Course Management System to expand on-line academic support.
    - Implement the ANGEL e-Portfolio system in the College of Education and College of Business.
2. Make it easy for people to do business with the university.
    - Expand e-commerce solutions to include University Housing charges.
    - Expand the self-help capabilities of the Gorilla User System (GUS) portal.
    - Expand web-based applications and tracking.
    - Implement information integration between functional units (just tell us once).
3. Increase the efficiency and productivity of university students, faculty, and staff.
    - Update administrative tools based on the new UniVerse system database platform.
    - Develop procedures and guidelines for best programming approaches.
    - Develop and implement a business continuity plan for critical assets and applications.
    - Provide tools that promote efficient collaboration (document sharing, content management, etc.)
    - Expand the use of LDAP to support more efficient authorization and authentication.
    - Reduce paper and improve access to archives through document imaging.
4. Make security of the university's data strong yet unobtrusive.

Continue risk assessment activities.

- Complete a Data Classification of all university data and provide guidelines for data use and storage.
- Develop or update policies related to information security.
- Plan and implement end users education and compliance processes and procedures (on-line where possible).
- Develop a plan for security testing.

5. Foster strong communication links – making all of the PSU community "in the loop".
    - Develop communications tools for delivery through the GUS portal (Message Village, Web ,
    - Events).
    - Support University Marketing in the deployment of Content Management System (CMS) and a new PSU website design.

Agency Architecture: PSU's core administrative applications reside on an IBM pSeries 620-6F1 and other critical mission critical applications run on UNIX and Windows servers. The campus backbone is fiber and Ethernet is the standard network protocol. At this time, PSU has no plans for platform migration. The current architecture is compliant with the State Architecture guidelines.

Business Contingency Planning: PSU established a group responsible for disaster recovery and as a result developed a Crisis Management Plan and Procedures document. We are implementing a contingency data center at another location on campus. We are also working with Ft. Hays State University on a trial project of providing network based, off-site storage of the ERP data.

Business Process and Workflow Management: The PSU in-house developed ERP system makes use of workflow management in many key applications, development efforts are also underway to develop a general "workflow engine" that can be applied cross the system. The current document imaging system provides workflow for Admissions, Financial Assistance and Registrar offices.

Collaboration Software: PSU collaborates with other state agencies for several critical functions. These include: Kansas SHaRP system for payroll processing, STARS financial system, Kansas Bureau of Investigation for law enforcement information and support, Kansas Department of Information Services for telecommunications services.

Data Storage and Administration:

Administrative Computer System

The administrative computer system utilizes direct-attached IBM Serial Storage Architecture (SSA) storage. The storage subsystem is comprised of 48 disks (432 GB total) and four
SSA adapters. Most data is triple mirrored to protect against several kinds of hardware failure. Striping is utilized to balance I/O across all spindles.

The core administrative database supports the university's student information systems and business systems, and totals approximately 23 GB of data. Systems and operating software and related data use another 7 GB.

Storage Area Network

In FY2007 the university implemented a Storage Area Network (SAN) to support a variety of both administrative and academic applications. The SAN consists of a Xiotech 3D 3000s SAN. It contains 76 disk drives broken down as follows:

- 32 - 73GB 15k RPM SCSI
- 16 - 146GB 15k RPM SCSI
- 12 - 400GB 7200 RPM SATA
- 16 - 750GB 7200 RPM SATA

The storage array uses RAID at multiple levels to provide maximum data protection. Our total raw capacity is around 20TB.

Approximately 17 servers have 32 LUNs attached to them using fibre channel and iSCSI for connectivity. These LUNs range anywhere from 5GB to 1.5TB in size. The fibre channel fabric operates at a line speed of 2Gbps and is made up of two Cisco MDS9124 fibre switches and one Cisco MDS9020 fibre switch. The iSCSI connectivity is facilitated with a Cisco 3750G gigabit switch and operates at 1Gbps; Jumbo frames are enabled for maximum iSCSI throughput.

Library System

The university's primary library automation database computer uses 14 direct attached SSA disks and two SSA adapters for a total of 126 GB. Disk mirroring and striping are utilized. The library automation database is 6.4 GB. Systems and operating software use another 3 GB.

Data Transfer:
PSU provides and receives data from a variety of sources. These include:

Intra-Agency transfers of data

- All Batch via Secure FTP
- Millennium (one way)
- Point and Click (one way)
- One Card (two way)
- University Police system (two way)
- Imaging (one way)
- Tradition paper based transfers

Inter-Agency transfers of data

- All batch
- SHARP - St. of Ks Payroll/Personnel System (two way, Secure FTP)
- STARS - St. of Ks Accounting System (two way, FTP, paper)
- Board of Regents - Central student database system (one way, FTP)
- St. of Kansas Inter-fund System (one way, load via internet using web page)

Extra-Agency transfers of data

- ACH clearing house for student refunds (one way, Secure FTP)
- US Dept of Education (financial assistance - two way, special software)
- ACT/SAT/TOEFL/SPEAK/Various other assessment scores (one way, FTP)
- US IRS - 1098T information (one way, internet via secure tunnel)

Electronic Records Retention: OIS maintains records in compliance with all state and federal guidelines and requirements. OIS policies require that records be maintained until the client office has requested removal and record destruction is determined to be in compliance with state guidelines.

E-Government: PSU provides a website and portal (GUS) that provides a wide range of informational and transactional capabilities to students, faculty, staff and the greater PSU community. These systems are continually being updated as part of the overall application and services development. In most cases website and portal development projects are not developed as stand alone projects.

End User IT Security Training: PSU does not have a formal security training program in place, but collaborates with various departments to increase security awareness. PSU participated in the annual Conference on Higher Educational Computing in Kansas (CHECK) in May of 2008; sessions included information on media sanitization, records retention, and information security. Our security officer attended the 2008 EDUCAUSE Security Conference, participated in the Regents Information Security Committee (RISC) meetings, and attended the monthly Kansas IT Security Council meetings. We developed an on-line policy tracking application, which allows faculty and staff to be notified of new security policies and track sign-off of existing and new security policies. A Data Stewardship and Security Task Force was established to recommend appropriate policies, standards, and guidelines to address both digital and paper environments. Most administrative areas have completed an inventory of their data.

Identity Management: PSU has deployed centralized LDAP services that are utilized by an increasing number of applications. Long-term plans will utilize this platform for "reduced sign-on" and related authentication services.

IT Disaster Recovery: Disaster recovery planning is incorporated into the business contingency planning process described above.

IT Security Staff: PSU has one full-time position dedicated to IT Security. The Security Officer and other senior OIS staff are responsible for responding to IT security incidents.

Public Key Infrastructure: PSU does not current have any applications requiring PKI. The university continues to monitor state activities and the activities of other universities, so PSU IT are knowledgeable of PKI options and will be in a position to deploy PKI at the appropriate time.

Service Oriented Architecture: None reported.

Technology Infrastructure:
Activities planned for 2009-2011 include:

- Upgrade of data switches through out the campus LAN
- Upgrade of the Core Router
- Migration to IPV6
- Replacement / upgrade of the ERP server
- Continued expansion of the VM virtual server platforms
- Expanded storage and enhancements of the SAN platform
- Installation of Load Balancing
- Upgrade of air conditioning and back-up power for the data center
- Migration of document imaging to windows platform
- Conduct a "Green Computing" trial with VM based thin clients

Regents, University of Kansas (Agency #610)

BUSINESS PROGRAMS:

Institutional Support
Academic Support
Research
International Dimension
Physical Plant Operations
Instruction
Student Services
Public Service
Auxiliary Enterprises

MISSION: The University of Kansas is a major comprehensive research and teaching university that serves as a center for learning, scholarship, and creative endeavor. The University of Kansas is the only Kansas Regents University to hold membership in the prestigious Association of American Universities (AAU), a select group of 63 public and private research universities that represent excellence in graduate and professional education and the highest achievements in research internationally.

SFY 2009 BUDGET: **$549,883,449.00**
SFY 2009 FTE: **5,450.01**
SFY 2008 IT EXPENDITURES: **$21,329,999**
WEBSITE ADDRESS: **http://www.ku.edu**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	16.5	0	16.5	0	16.5
Application Maintenance and Enhancement (in-production systems)	0	55.75	0	55.75	0	55.75
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	(Combined with above.)	0	(Combined with above.)	0	(Combined with above.)
Data Administration, Data Analysis/Validation and Database Administration	0	12	0	12	0	12
Network Engineering, Technical Management and Support	0	29.1	0	29.1	0	29.1
Computer Operations, Management and Technical Support	0	25	0	25	0	25
Web application development and maintenance	0	6	0	6	0	6
IT Security	0	7	0	7	0	7
Other IT Functions (please identify) Service Desk, Desktop Support, Instructional Technology, Research Computing, Telephony	0	35	0	35	0	35
TOTAL FTEs	**0**	**186.35**	**0**	**186.35**	**0**	**186.35**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	435	363	400
Virtual Servers	10	100	200
Desktops	N/A	21000	21000
Desktops Replaced	N/A	N/A	N/A
Mobile Devices	N/A	N/A	N/A

SFY 2008 MAJOR APPLICATIONS:
Student Administration System (SAKU)
Human Resources/Payroll System (HRMS)
Financial Information System (FIS)
Budget Information System (BIS)
Integrated Library System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The way KU manages rapidly evolving information technology is a critical determinant of the quality and value of our education and services as well our competitiveness with peer institutions. Given the broad influence of information technology across campus, Information Services staff promote the success and leadership of KU's students, faculty and staff by providing services that allow people to work more effectively. Through collaboration with partners in academic, administrative, and faculty development units, Information Services works to provide a comprehensive service package to the University community. The influence of information technology at KU is illustrated in the following selected Information Services accomplishments:

- Continued to forge a **partnership between library and technology services** and continued to implement services for clients that integrate the information need with the means of acquiring the information and using technology to create intellectual property.

- Recognizing the vulnerability posed by an aging Computer Center and supporting infrastructure, IT continued implementation of a **10-Year Technical Upgrade Plan for Ensuring KU's Operational Continuity** designed to help prevent the loss of critical data and operational capability for the Lawrence campus in the event of an emergency or natural disaster. This year has seen the completion of many of the items listed in the initial two years of the plan. KU's technology infrastructure is much improved with the implementation of redundant and virtualized systems, a modernized data center (including practices, procedures and tools), new state-of-the-art storage systems, a server hosting support program (supporting over 450 systems, most of which are research systems), and implementation of a high-speed backup system.

- Work is continuing on building a **reliable, robust, information and technology infrastructure** that is responsive to the needs of the campus, as well as positions KU for future endeavors. Several examples of this activity include the expansion of the enterprise storage space available, the continued implementation of a three year server replacement schedule, the creation of a robust test environment, a complete reimplementation of our KU web hosting services, replacement of Kyou portal hardware, and 1 GB mailboxes for electronic mail, mobile device management systems

- IT staff have continued to focus on providing a **safe and secure environment** for our campus users and systems through implementation of a security framework that takes into account the security of systems, information, transport, and staff awareness issues. Using the concept of defense-in-depth, many layers of security are now established for protecting and safeguarding KU's information assets, and over 1500 people have been trained in the security awareness program. This work has also helped position KU as a leader in Kansas regarding security systems management.

- IT **enhanced KU's telecommunications systems** through initiatives such as: successful negotiation and acquisition of a 20-year lease of dark fiber which, when lit, will provide researchers with global connectivity via dedicated wave-length technology; implementation of high speed connectivity to the Edwards campus (155 mbps); a virtual private network for remote access; a wireless system for high-use areas on campus; refresh of over 80% of the building network electronics; and support for on-campus construction management projects.

- Continued implementation and refinement of processes based on the **Information Technology Infrastructure Library (ITIL)** of best practices. These processes for managing change, incidents, and problems have resulted in a marked increase in the availability of technology systems and services (i.e., reduced downtime).

- The successful completion of the **student information system** implementation project. The student system (admissions, registration, academic records management, financial aid, student financials, recruiting, room scheduling) is now completely web-based, and has transitioned into a maintenance / enhancement state.

- IT took over the maintenance and oversight of nearly all **campus-wide software licenses** which has resulted in huge savings to the University.

- Provided improved **support for Instruction and Research infrastructure** through initiatives such as: upgrade of course management, library management, scholarly content systems; implementation of ePortfolio systems, and digital library/information gateway tools; upgrade of all systems that support general purpose research computing; upgrade of the Andrew File System for research resource sharing; and work with the College to develop a shared research support program

- Provided improved **support for Administrative functions** through initiatives such as upgrade of the KUCard system, document management systems for administrative activity, and the telephone system application (while reducing the phone rates); enhanced the human resource and financial systems; and implementation of eCommerce systems and services.

- KU has **partnered with the other Regents schools and Kan-Ed** on several initiatives this past year. The initiative with the potential for the greatest impact is the planned upgrade of the network backbone to a high-speed ring that will not only connect all of the Regents schools, but it more than doubles the backbone speed and results in reduced I1 costs, without significantly increasing annual commitments. The final upgrades to the backbone are being done at this time.

STRATEGIC DIRECTION AND OBJECTIVES: The role of Information Services is to provide systems and services to scholars, decision makers, and students that enable them to access, use, analyze, convert, manipulate, distribute, communicate, and preserve information and knowledge – and to do so in a fashion that keeps pace with their changing needs and interaction preferences. In support of this role, KU Provost Richard Lariviere articulated a desire (*Global Outlook*, http://www.oread.ku.edu/2006/august/21/lariviere.shtml, August 2006) that five years from now, KU should have a first-class information technology infrastructure. A number of components will be essential to realizing that "first-class information technology infrastructure" including:

Ensure KU's Operational Continuity – Continue to implement the plans for ensuring operational continuity to the fullest extent possible. These plans include:

- Continued implementation of the *"10-Year Technical Upgrade Plan"* (which provides redundancy of systems for critical services, as well as continued upgrade to the framework and infrastructure protecting institutional information).

- Enhancing and upgrading our telecommunications capacity for collaboration and discovery (including lighting the newly acquired dark fiber for research use on campus, implementation of a new wireless network to better support mobility, support for the convergence of technologies, migration to a new state-wide high-speed backbone, and improvements to the network cabling infrastructure).

Campus Engagement Campaign - Engage and partner with the campus community in the innovations and strategies needed to implement a first-class information and technology infrastructure. To begin to address this goal, the Information Technology and Networking and Telecommunications Services groups have merged, recognizing that this was a needed step in leveraging and converging resources. New structures (both human and technological) have also been created to address this critical issue and work is already underway. An example of a newly created structure is the Scholar Services program, in which resources from Library and Information Technology have been brought together in one place to provide faculty, graduate students and researchers one place to go for comprehensive information and technology services. Information Technology staff have also been working to renew connections with departmental IT staff, recognizing our shared responsibility to deliver top-notch service programs.

Focus on Transformational Impact – Continue to work toward minimizing efforts focused on lower impact technologies and/or systems, allowing more time and attention to shift toward support of efforts, technologies and information systems that have the ability to most favorably impact (and in some cases even transform) KU. This goal requires a renewed focus on innovation, learning systems, and research and consulting.

Support and Sustain KU's Focus on Research – Aggressively build and operate a robust cyber-infrastructure to support research. This goal, of necessity, builds upon a comprehensively robust IT infrastructure base. Our approach must transition KU away from narrowly defined departmental-based local development toward central IT infrastructure from which both general and specialized work may be effectively supported. In addition, highly specialized expertise must be deployed toward the support of the specific high-performance computing and analytical needs inherent in the research imperative.

Agency Architecture: In conjunction with the revised State Architecture (v. 11), Information Services will continue to evaluate current technologies and move toward consistent technical platforms when feasible. The variety of commercial applications and the needs of the campus research community require some deviation from a completely standard technical environment. On a broad basis however, IS is focusing on Sun and Dell server technology, Linux server O/S, Oracle database, network-attached storage, and network platforms that support converged voice, data, and video services.

Business Contingency Planning: Recognizing the vulnerability posed by an aging Computer Center and supporting infrastructure, IT continued implementation of a *10-Year Technical Upgrade Plan for Ensuring KU's Operational Continuity* designed to help prevent the loss of critical data and operational capability for the Lawrence campus in the event of an emergency or natural disaster. This year has seen the completion of many of the items listed in the initial two years of the plan. KU's technology infrastructure is much improved with the implementation of redundant and virtualized systems, a modernized data center (including practices, procedures and tools), new state-of-the-art storage systems, a server hosting support program (supporting over 450 systems, most of which are research systems), and implementation of a high-speed backup system.

Business Process and Workflow Management: None reported.

Collaboration Software: Information Services supports Microsoft Exchange / Outlook / OWA for email, uPortal for the University portal (*Kyou*), Voyager for library catalog systems, DSpace for our scholarly resources repository, BlackBoard for course management; KEEP and TK20 for faculty and student electronic portfolios; and Xythos for our policy document management

system. We are in the process of evaluating other collaboration software for document sharing and management for the campus.

Transport of video on KU's network is provided by both full-motion and compressed video signals over telephone lines, fiber optic cable, or the data network. Services include satellite downlinks, cable television signal transport, video conferencing, distance learning, and point-to-point interconnection of on-campus video-enabled class- and conference rooms. Video conferencing enhances outreach and communication for teaching opportunities in schools across the state and at the KLEC facility at Hutchinson. KU is also investigating new initiatives, such as digital and IPTV.

Data Storage and Administration: Information Services continues to review current data storage and management processes as part of an overall program to address data management and digital preservation issues. Our digital preservation strategy will address scholarly objects/data, administrative data, and learning objects; and incorporate a complementary records management component. An effort focused specifically on enhancing management of confidential and/or critical data is scheduled to begin this year.

Data Transfer: KU is currently partnering with KSU in exploring shared data center connectivity for business continuity and disaster recovery purposes.

Electronic Records Retention: Information Services is working with appropriate State agencies to define and extend the records management schedule to more closely fit the academic environment. In addition, an effort is underway to identify major records groups and assign data steward responsibilities across the campus.

E-Government: While the e-government function is different within the academic environment, KU has, and will continue to move into an increased online information and services environment through initiatives such as student Enroll-and-Pay, the university portal (Kyou), improved online access to library resources for faculty, staff, and students, and improved presentation of information to the public through the university's website.

End User IT Security Training: While we do not currently reach every University employee with IT security training, IT does awareness presentations for departments upon request and has reached over 1500 people on campus. This fall and into next year will see us moving forward with CBT (Computer-Based Training) for all employees on basic security awareness and academic records (FERPA) issues specifically. Additionally, we will provide further training (both in-person and CBT-based) to departments affected by regulations like HIPAA and PCI.

Identity Management: The primary method of authentication for most current applications at KU is username/password based. A common identifier, the KU Online ID, is used for many applications including Exchange email, the Kyou web portal, computer lab logins, and a server for individual web pages. Several central and departmental applications provide access via a WebSSO (single sign on) based on Shibboleth (Internet 2/NMI-EDIT) or a compatible local system, Argus, which was developed prior to the availability of Shibboleth.

In early 2007, Information Services engaged the Burton Group to assess KU's identity management processes and requirements. Major recommendations from the resulting report included updating identity management provisioning/deprovisioning processes and consideration of a virtual directory service. Information Services is actively pursuing both of these areas.

The University has been operating a public key infrastructure (PKI) system for pilot applications over the past several years. The service provides both encryption and signature verification, using separate signing and encryption keys. Encryption keys are kept in escrow to enable administrative retrieval of documents if the original key owner is no longer available. Evaluation

and planning for hardware-based two-factor authentication, either as an extension of this system or based on other PKI technology, is underway.

The University of Kansas is developing a campus policy for the use of electronic signatures. Under this policy, units accepting electronic signatures must specify the conditions and level of signature required for each application that they develop, with the campus policy providing a general framework. The policy defines levels of signatures from basic self-identified, authenticated using central Information Services identity management, and certified using digital signature technology using credentials signed by a KU Certification Authority.

IT Disaster Recovery: As part of our ISO 27000 / 17799 certification process, Information Services has developed a basic business continuity and disaster avoidance plan for IT and will continue working with the remainder of the campus on a comprehensive plan. The focus for this past year has been on establishing emergency notification systems. To date, KU has implemented email, voice mail, and building alert notification systems (through the fire alarm system), and is currently finalizing the plans for text messaging to cell phones.

IT Security Staff: The University has an Information Security Department consisting of seven fulltime information security staff.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: Planning for an upgraded computing center is progressing based on evaluation of campus technology needs. Plans incorporate business continuity priorities and disaster recovery requirements. The goal is to provide a modern 24x7 data center for systems, storage and network support. This will include expanded storage capacity for the research community, implementation of incubator clusters, and additional staff for the expanded program.

- KU continues to improve its enterprise infrastructure support through efforts such as implementation of a configuration management database; upgrading critical database systems to Oracle 10g; implementing Linux operating systems where appropriate; upgrading software and hardware platforms to improve efficiency and reliability; continuing implementation of an enterprise system monitoring project to provide proactive notification of potential service outages; server consolidation through virtualization; workstation virtualization; storage consolidation and virtualization; centralized logging repository; and implementation of a satellite server for local distribution of Linux and Solaris patches. In addition, implementation of the Avocent console management system is complete.

- KU will continue to enhance its security infrastructure through efforts such as completion of ISO security certification for IT; PCI certification for the KU eCommerce environment to meet requirements of credit card providers; and implementing a risk management program. The Security Office will continue rolling out and enhancing a university-wide security awareness program to educate KU faculty, students, and staff on the threats, issues and best practices for secure information management.

- KU's network currently utilizes 10/100/1000BaseT and IEEE 802 Ethernet protocols to provide basic LAN support. KU's IP-only data network is fully interconnected at speeds of 1 Gbps with redundant core and border routers. The need for high-speed, high-volume communications routes continues to grow. Bandwidth between the Lawrence and Edwards campuses has increased from 6 Mbps to 155 Mbps. The University is an active

participant in state and regional networks, and is taking steps to own or lease infrastructure between physical campus locations. On campus, we continue to build capacity in order to provide enhanced network services such as Quality of Service and convergence services. Current efforts to expand network connectivity and availability for the KU user community include adding redundancy to the distribution routers; upgrading and adding redundancy at the primary campus data center; design of a 10-year campus cabling system refresh; completion of registration of all end-user devices connected to the network to comply with network policy; beginning implementation of a new telemanagement back-office system; improving the network connectivity between Lawrence and the Medical Center campuses; improving the connectivity to other state academic institutions; and investigation of optical dense wave division multiplexing to expand global connectivity options for researchers. In addition, KU has begun their upgrade and expansion of the enterprise wireless system.

- KU owns and operates its own telephone switching utilizing AVAYA S8710 and G3si technology.

- Longer term, initiatives are underway to determine the information and technical infrastructure needed to more fully support the needs for preservation of digital objects and data for the campus.

Regents, University of Kansas Medical Center (Agency #683)

BUSINESS PROGRAMS:

Instruction
Research
Service

MISSION: KU Medical Center, a major research institution primarily serving the state of Kansas, as well as the nation, and the world, assumes leadership in the discovery of new knowledge and the development of programs in research, education, and patient care. KU Medical Center recognizes the importance of meeting the wide range of health care needs in Kansas – from the critical need for primary care in rural and other underserved areas of the state, to the urgent need for highly specialized knowledge to provide the latest preventive and treatment techniques available. As the major resource in the Kansas Board of Regents system for preparing health care professionals, the programs of KU Medical Center must be comprehensive and maintain the highest academic excellence on which the reputation of the University is based.

SFY 2009 BUDGET: **$275,242,151.00**
SFY 2009 FTE: **2,702.80**
SFY 2008 IT EXPENDITURES: **$8,116,579.40**
WEBSITE ADDRESS: **http://www.kumc.edu/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	7	7	7	7	7	7
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	18	0	18	0	18
Data Administration, Data Analysis/Validation and Database Administration	0	7	0	7	0	7
Network Engineering, Technical Management and Support	0	23.8	0	23.8	0	23.8
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	28.5	0	28.5	0	28.5
IT Security	0	3	0	3	0	3
Other IT Functions (please identify)	19	21	19	21	19	21
TOTAL FTEs	**26**	**108.3**	**26**	**108.3**	**26**	**108.3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	234	250	265
Virtual Servers	2	3	5
Desktops	3481	3687	3800
Desktops Replaced	N/A	N/A	N/A
Mobile Devices	642	938	1100

SFY 2008 MAJOR APPLICATIONS:
HR/Pay System – PeopleSoft vendor
Financial System – PeopleSoft vendor
Student Administration System – PeopleSoft vendor
Telephone billing system – CompCo vendor
World Wide Web system
Library Systems, Voyager Online Catalog
Data warehouse and integrated reports system
Identity Management systems
ANGEL
LXR Online Testing system

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: 2008 was another extremely productive year for the Department of Information Resources at the University of Kansas Medical Center. During the course of the year we accomplished the following:

Educational Support

- Selected a podcasting system, and began piloting this system with the goal of campus-wide implementation.
- Licensed and developed private "island" space in the Second Life virtual world, and began supporting several pilot projects with the Nursing Informatics, Nurse Anesthesia, Occupational Therapy, and Physical Therapy departments.
- Supported the School of Medicine's transition from use of a Palm PDA and a pager by each 3rd and 4th year medical student to the use of a single smart phone.
- Implemented wireless access to GoPrint for printing by students (primarily) in the Library, Orr-Major, and Student Center.
- Prepared plans and cost estimates for expanding the Computer-Based Testing Center to accommodate the School of Medicine in a single seating (currently requires two seatings) with a view towards extending the CBTC in the summer of 2009 (contingent on funding).

Essential infrastructure: network, voice, video, servers, storage

- Completed 4-year deployment of 802.11g wireless throughout the University and KUPI footprints (comprehensive saturation of all public and private space)
- Working collaboratively with the other Regents Universities, re-architected the KanREN (Kansas Research and Education Network) backbone to 2 gigabits and upgraded KUMC's connection to Internet and Internet 2 from 50 megabits to 1 gigabit.
- Deployed Microsoft Office Sharepoint Services to the University community; tested a proof-of-concept electronic form/workflow/digital signature application
- Implemented an Accellion appliance for large file transfer over the Internet.
- Implemented Microsoft Certificate Server to provide digital certificates to all KUMC
- Supported the implementation of the network-driven ALERTUS emergency alerting system campus-wide.

- Implemented a new redundant firewall (Cisco ASA 5550s)
- Implemented redundant network connections for all servers with high-availability requirements.

Information Security

- Identified campus-wide all mobile devices used to access or store sensitive information. Implemented full-disk encryption on all such devices (University and KUPI devices) and automated tracking software (including remote wipe capability) on all University devices. Expanded project June 2008 to encrypt ALL mobile PCs (laptops, notebooks, tablets); completion anticipated December 2008.
- Implemented the nCircle vulnerability management system.
- Completed first annual audit of the perimeter firewall configuration and rulesets.
- Developed security standards for Solaris 10 and Suse Linux servers, as well as Apache and IIS web servers.
- Established the Payment Card Committee tasked with bringing the University into compliance with PCI-DSS requirements.
- Implemented SiteAdvisor, a tool to assist users with identifying safe vs. malicious websites, to all workstations.

Web

- Developed and rolled-out a consumer health website in support of the Kansas Health Policy Authority transparency initiative
- Revamped the Student training/technology website to help focus support for students as a result of comments on the 2008 student survey https://www2.kumc.edu/comptraining/StudentTechnologyTraining.html
- Developed web resources for the Midwest Cancer Alliance.
- Implemented captcha system to reduce spam from web-based forms while contributing to the Internet Archives project of scanning hard-to-read texts.
- Began publishing the School of Medicine's course catalog online (http://www2.kumc.edu/somcatalog/index.html).

Enterprise business systems

- Completed design of new Java-based Budget System (to be coded FY2009)
- Developed new Java-based security system to be deployed concomitantly with the new budget system and used with future (Java-based) locally-developed modules ("bolt-ons")
- Completed design of new Java-based workflow system to be coded FY2009 and deployed in parallel with the Java-based security system.
- Implemented a method to enter KU faculty in PeopleSoft HR prior to (or without needing) an actual adjunct appointment to work on a KUMC grant
- Implemented a PeopleSoft module to track data related to Centers

Identity management

- Created SQL meta-tree to allow real-time synchronization of identity data to SQL databases
- Implemented the Shibboleth federated authentication protocol to allow KUMC staff to login to trusted other networks using their local credentials.

Electronic information resources

- Worked with all of the schools and the hospital to identify and support clinical information resources for teaching and use in the clinical setting.

- Worked with the KUMC Research Institute and others to provide training and information in how to comply with the NIH public access mandate for publishing and citing research.

Other

- Worked with KU Lawrence to create a combined IPEDS report
- Implemented jointly with the Lawrence campus a "Rave" ASP emergency altering process including text-messaging and mass email.
- Began development of an online University application jointly with the Lawrence campus. First phase is the development of the "core" application (basic demographics, etc.) by KU and development of the "supplemental" application for the School of Nursing by KUMC.
- Released a new version of the School of Medicine online supplemental application that ties directly into the Medical Education Data Source (MEDS) data warehouse system.
- Replaced all of the PCs available for students to freely use in the library and other study spaces.
- Implemented a single PC "image" for use in the Computer Testing Center (thus eliminating the need to routinely reboot all machines in the Center)

STRATEGIC DIRECTION AND OBJECTIVES: Current "Strategic Initiatives" of the University of Kansas Medical Center Department of Information Resources, including both strategic directions and specific objectives, are always available at:

http://www2.kumc.edu/ir/plan/irstrategicplan/index.asp

Because we share a campus with the University of Kansas Hospital Authority, we collaborate extensively with the Hospital's IT departments in the areas of network management, telecommunications, identity management, information security, groupware administration, and numerous other contexts. We also work closely with the Information Services group at KU Lawrence in such areas as library systems, student administration, portal development, WAN planning, research computing support, and other areas. Other shared planning environments include:

- The (Kansas Board of) Regents IT Council (RITC) for planning within the Regents universities context
- The State Information Technology Advisory Board for planning within the Kansas government context
- The Kansas Research and Education Network Board for statewide research and education network development

Agency Architecture: KUMC closely tracks and ordinarily adheres to KITA standards or targets particularly in the administrative, network infrastructure, and web/internet domains. The KITA targets provide a solid foundation for building technical capability with vision and foresight.

Obviously, as an academic organization, KUMC also utilizes technologies outside the KITA architectural vision. KUMC has a relationship with the Executive Branch CITO built on trust and mutual respect and appreciates that its needs for specialized information systems are understood and valued.

Network: Switched Ethernet; 10-Gigabit core; mixed 1- and 10-gigabit distribution; mix of switched 100 and switched 1000 to the desktop . Security: Cisco ASA 5550, ISS Intrusion Prevention, SSL VPN, nCircle, Windows Server Update Services, McAfee, EPO, SafeBoot for Windows XP encryption, Trust Digital for Windows Mobile encryption. Directory: Novell eDirectory, Active Directory. Email: GroupWise 7.x, Intellireach for secure email off-site, Barracuda SPAM management. Server: Netware 6.5; Windows 2000, 2003, 2008; Solaris 9, 10, 11; SuSe Linux; F5 "Big IP" for load balancing and traffic management. Desktop: Windows XP; Macintosh. ERP: PeopleSoft Financials, Human Resources/Payroll, Student Administration

(Student Admin shared with KU Lawrence). Applications development: java, .Net, Access, Flash, XML, others. Portal: uPortal. Enterprise databases: Oracle, MS-SQL. Data warehouse: Oracle. Internet: provider Kansas Research and Education Network (KanREN), gigabit connection; Packeteer for traffic shaping. SAN: Xiotech. File Transfer: Accellion. Handheld devices: Windows Mobile. Library: Endeavour Voyager (shared with KU Lawrence), DSpace. Teaching and Learning: ANGEL Learning, ANGEL Portfolio, LXR, Elluminate, WebSP, Aperio. Graduate Medical Education management: E*Value. Clinical Trials administration; clinical data management; IRB management: Velos eResearch. Grant effort tracking and reporting: ECRT.

Business Contingency Planning: As of August 2008, the Department of Information Resources is actively renewing its understandings with KUMC business units about expectations under worst case scenario planning. Generally KUMC functional units are responsible for planning to assure their continued operations in the event of partial or total unavailability of the IT infrastructure. Separate campus groups (outside the IT domain) have been charged with developing response plans for bioterrorism incidents, for the flu pandemic scenario, and for other large-scale emergencies or disasters.

Business Process and Workflow Management: We are experimenting with the forms management functionality in Microsoft Office SharePoint Services (formerly known as "Forms Server" and complementary to the InfoPath client).

We have also built our own workflow framework in Java to be used for future custom-built Java-based PeopleSoft modules ("bolt-ons").

Collaboration Software: We implemented Microsoft Office SharePoint Services at the enterprise level in the spring of 2008 and are supporting a number of collaboration and document-sharing sites used by KUMC faculty and staff.

Also we make extensive use of videoconferencing (both H.320 and H.323). We operate the Elluminate real-time conferencing/collaboration environment both on- and off-campus. We provide all faculty, staff, and students with GroupWise collaborative tools including email, email groups, calendaring, scheduling, and address book. We provide authenticated portal access to all faculty, staff, and students and use the portal for (among many other things) opt-in/out customized broadcast email sending and receiving.

We make increasing use of blogs and wikis and support KUMC faculty and staff in their use of these tools.

We are planning a joint migration with the KU Hospital from GroupWise to Microsoft Exchange but are not certain of the timing.

Data Storage and Administration: We have approximately 30 TB allocated (and 4 TB available for allocation) across a combination of locally attached disk storage and our Xiotech Storage Area Network. Content includes a wide variety of clinical, research, educational, and business information. The formats include email, archived email, a variety of MS Office documents and spreadsheets and the data in our databases including database back-ends (see the Enterprise Data Map for types of data stored in our databases). We have the ability to allocate additional SAN space on-the-fly and do so as needed. We have centralized tape backup libraries and standard procedures for incremental and full backups and retention of the backup tapes; we are in the process of deploying hard-disk back-up capability for near-real-time backup of select data.

Data Transfer: We share data between servers on our own campus as well as with servers in Lawrence, Topeka, and a few other places. The data is primarily personnel, student and financial data needed for purposes such as: retirement, benefits, payroll, employment applications, accounting, and a wide variety of reports. We currently document all data transfers on a central spreadsheet that contains information such as the job name, frequency of transfer, what server it

comes from and where it is, what server it goes to and where it is, the encryption method, who manages and runs the process, a contact on the receiving end and what their use of the data is, if there is sensitive data and, if so, what kind (PHI, SSN, FERPA, Financial, other), and more.

Our Data Integration unit (3 FTE) is responsible for managing the KUMC (Oracle) Data Warehouse and for working with executives and analysts to present custom views of information in the warehouse derived from a growing number of KUMC transactional systems as well as the transactional systems of affiliated entities. Our KUMC data warehouse currently includes information from our PeopleSoft systems (HR/Payroll, Financial, Student Administration; Grants under development); our PeopleAdmin employee recruitment system; our e*Value Graduate Medical Education database; and other sources. A financial data feed from the KU Endowment Association is in planning.

Electronic Records Retention: We fulfill our obligations per KSA 45-408 (http://www.hshs.org/archives/govrec.htm). Our records retention schedule is posted at http://www2.kumc.edu/finance/recordretention/ ; our designated coordinator for records retention and access under the Open Records Act is Mr. James S. Cooper (jscooper@kumc.edu).

E-Government: As a higher education organization, we focus our resource development on KUMC students, faculty (educators and researchers), and administrative staff. Our extensive web resources (http://www.kumc.edu) provide information and services to KUMC customers and constituents. The web is our primary environment for computer-based teaching and learning including distance education; see https://elearning.kumc.edu/angel/ . MyKUMC, our portal, provides role-based targeted services to students and employees; as we refine our roles, we will be delivering increasingly targeted service sets to increasingly refined groups (our latest portal channel addresses KUMC alumni). PeopleSoft Student Administration enables online registration and enrollment and access to grades and may in the future provided online advising and scenario-development for academic program planning. We also create web-based tools directed at various constituencies for many KUMC functional units; see (for example) the National Database of Nursing Quality Indicators at http://www.nursingquality.org/

In FY 2008 we began publishing the School of Medicine's course catalog online (http://www2.kumc.edu/somcatalog/index.html).

End User IT Security Training: Our end-user security training for staff and faculty has been online since 2004 and is administered annually during our January-March "compliance training window". We disable the network access of all employees who fail to complete the training successfully.

We completed the Regents self-assessment tool in 2007 and will conduct the 2008 self-assessment due October 31 2008 on time. This tool was developed collaboratively by the Regents IT Council on a foundation developed by the national educational IT organization Educause.

We now (by policy) encrypt all mobile PCs (initial project to be completed fall 2008). Future directions include implementation of a security event manager to assist with log analysis; potential implementation of two-factor authentication including a digital certificate; and the use of 802.1x technologies.

Identity Management: None reported.

IT Disaster Recovery: We have a mature identity architecture in which a central database ("Meta-tree") spawns our Active Directory, our NDS tree, our multiple authentication trees, and other directory tools as by-products. We will continue to improve our capabilities to manage current identity information about individuals and refine group role definitions in our Meta-tree to

enable information delivery to discrete communities of interest. We anticipate increasing centrality for active directory in our IdM processes.

We also will use IdM strategies to maximize our ability to enable self-service functionality including the ability to update selected information in our new Meta-tree-derived online directory. We have roughly 2.3 FTE dedicated exclusively to identity management.

IT Security Staff: KUMC appointed its first full-time employee dedicated exclusively to Information Security in 2000. Information Security staff currently include a full-time Director of Information Security; 2 full-time Security Specialists; and .3 FTE Network Specialist focused on information security.

Public Key Infrastructure: Generally, in the future, we intend to implement a PKI-enabled electronic forms and workflow environment for conducting select forms of University business.

We have implemented Microsoft Certificate Server for internal digital signatures. We recommend Verisign as a certificate authority to those requiring true 3rd party certification. We tested, with very mixed results, a prototype workflow process including sequential digital signing with certificates. We decided not to implement the prototype but built our knowledge base.

Service Oriented Architecture: None reported.

Technology Infrastructure: Our server infrastructure is stable and mature; when we replace servers, we ordinarily replace with blade devices. We are moving towards increasing releasing on Windows servers.

We are upgrading our network infrastructure. Our next generation network includes a 10 gb backbone; 10 gb distribution to research-intensive buildings; powered, VOIP-capable access switching; gigabit to the desktop for researchers with established needs and 100 mb for others; NAC (under consideration); and other high-end network functionality.

We route both voice and video over our data network and have 526 VOIP phones in active use.

Our premises are saturated throughout with 802.11g wireless. We are planning a small, targeted deployment of 802.11n in the spring of 2009 (to teaching labs that use bandwidth-intensive virtual anatomy software). We expect to gradually migrate to 802.11n saturation over the course of several years.

Some 1,100 (16%) of our network jacks still terminate category 3 cabling; we are gradually reducing this legacy cable.

We are rapidly migrating away from distributed (server-attached) storage and rapidly growing our Storage Area Network. Distributed storage is now a custom, application-specific service. Our SAN is currently 25 terabytes…roughly 83% of the total storage on our network excluding desktop storage.

We are planning greatly increased use of load balancing, clustering, mirroring, and related redundancy technologies. We are augmenting our tape backup infrastructure with near-real-time disk back-up.

As Sprint SmartPhones are now integrated into the 3rd- and 4th- year School of Medicine curriculum, we are working with Sprint to enhance cellular reception within our premises.

We are planning a future migration to Microsoft Exchange (jointly with our Hospital) and intend to seriously evaluate cloud (SaS) solutions.

Regents, Wichita State (Agency #715)

MISSION: To provide comprehensive educational opportunities in an urban setting. Through teaching, research, scholarship, and public service, the University seeks to equip both students and the larger community with the educational and cultural tools they need to thrive in a complex world and to achieve both individual responsibility in their own lives and effective citizenship in the local, national and global community.

SFY 2009 BUDGET: **$209,305,210.00**
SFY 2009 FTE: **1,880.64**
SFY 2008 IT EXPENDITURES: **$6,516,331.27**
WEBSITE ADDRESS: **http://www.wichita.edu**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	2	4	2	4	2	4
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	9	0	9	0	9
Data Administration, Data Analysis/Validation and Database Administration	0	2	0	2	0	2
Network Engineering, Technical Management and Support	0	3	3	0	3	0
Computer Operations, Management and Technical Support	3	10	3	10	3	10
Web application development and maintenance	0	4	0	4	0	4
IT Security	0	2	0	2	0	2
Other IT Functions (please identify) User Services, Help Desk, Training, Telecommunication Services.	**12**	**10**	**12**	**10**	**12**	**10**
TOTAL FTEs	**18**	**44**	**18**	**44**	**18**	**44**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	0	0
Physical Servers	175	180	150
Virtual Servers	0	20	50
Desktops	8100	8300	8500
Desktops Replaced	500	600	700
Mobile Devices	150	250	500

SFY 2008 MAJOR APPLICATIONS:
SunOne Directory Services
Microsoft Active Directory Services
SunGard Higher Ed Banner ERP
Desktop productivity tools management and facilitation
RMS Housing
Compco Telecommunications Management System
Data Warehousing and Reporting Systems

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Implementation of the SunGardHE Banner Enterprise Resource Planning (ERP) solution was completed during SFY2008, with the go-live of the Alumni module in October 2007. The Alumni module required an extensive data conversion, which concluded successfully. The Workflow Module was deemed fully operational in March 2008, when the last planned workflow application went into production. As the 3 ½ year implementation concluded, the commitment of effort required for vendor supplied software release updates came clearly into focus. Keeping the core ERP systems at current software release levels will require a significant on-going maintenance effort.

WSU is now four years into the life on our current ERP server farm, and our next generation of hardware has been evaluated and purchased. Implementation of this new platform will be during SFY2009. Our Oracle Database software was upgraded from version 9i to 10g to prepare for our next major SunGardHE Banner release (version 8.0), and continue to upgrade the existing release as upgrades, which contain desirable features, become available and are tested.

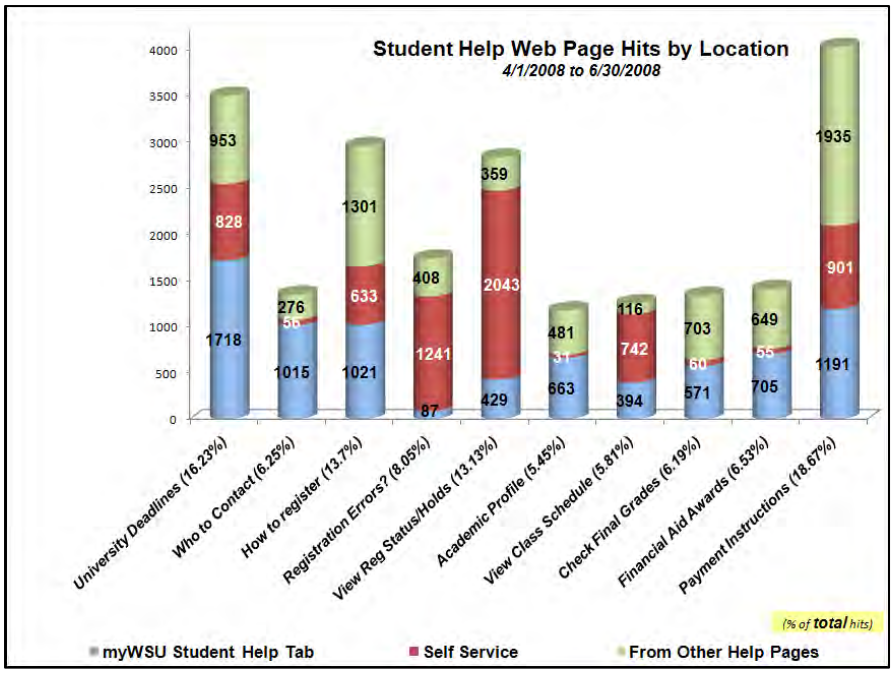
Banner training has been extensive offering a variety of learning sessions and resources for faculty and staff that use Banner, Self Service “SS” and Reporting Services. Sessions are offered to employees just starting to use these “tools” or to those that feel they need a refresher. Timesaving shortcuts have been identified since the initial go-live by Banner users across campus and have been incorporated into the new tips, tricks and traps sessions and resources. Hundreds of users have been through navigation training as well as the functional application training for the ERP implementation. Training sessions and materials are located on the WSU intranet and are updated periodically.

During SFY2008, University Computing and Telecommunications Services (UCATS) decommissioned aging storage arrays, migrating storage to newer, larger arrays purchased and implemented in the previous SFY. UCATS has 25 Terabytes (TB) of SAN accessible disk. Of the 25 TB available, approximately 13 TB is in use for various applications and services that are considered most critical and data intensive, including nearly all Oracle and SQL Server databases. Applications with a smaller or less critical “data footprint” continue to use internal server disk; however, as the VMware virtual infrastructure is implemented, many of even the smaller applications will also utilize the central storage, providing a higher level of performance and reliability. This shift will reduce the amount of internal storage required on individual servers, but will require expansion of our central storage capacity over the next SFY. The shift to the use of more centralized storage has also required an expansion of the SAN fabric which provides connectivity between the servers and the storage arrays. At the application level, data is either stored in application-specific format, or whenever possible, in centrally administered and managed Oracle or SQL-server databases. Likewise, reporting services and data warehouse applications are based on Oracle and SQL-server databases. All centrally managed data is backed up into online, offline, and offsite data stores with Tivoli Storage Manager.

WSU worked closely with Emporia State University during the implementation phases of our Banner ERP. This cooperation continues as both universities learn how to refine our specific installations. This cooperative effort has been extremely beneficial to both institutions. In a similar vein; but to a lesser extent, WSU has consulted with the two other Banner installations; Washburn University and Johnson County Community College on projects when it was reasonable to do so.

Student Help Web Pages: Hits by Location

Because most students don't use Banner Channels and Self Service during regular business hours, the development and maintenance of just-in-time help for students is a key part of the student support plan. On-line student help pages were developed and launched in April 2008. The chart below shows the number of hits to the new on-line pages through June 30, 2008.



The Blackboard Course Management System continues to grow at WSU. Use of this system has become part of the academic fabric of our colleges and departments. Running on a 24 x 7 schedule, there are thousands of daily users of this core component.

During SFY2008, sixteen buildings received network upgrades, including the introduction of gigabit to the desktop in five additional buildings and the upgrade of one building to all gigabit to the desktop. Additionally, the new Aviation Research building was completed with gigabit to several desktops. WSU also purchased a network access and control appliance to support policy enforcement for minimum OS level and patches, antivirus software and current definitions, and anti-spyware. The residence hall wireless network deployment was finished in SFY2008, completing ubiquitous wireless access to all indoor areas at WSU.

The Media Resources Center (MRC) has adopted a scaled plan for equipping classrooms with technology. Rather than build more master classrooms, with large podiums, the staff designed and has been installing projector-enhanced rooms for the last three years. Each room contains a ceiling-mounted projector, a sound system, and a simple control panel. A VHS/DVD player is supplied on a cart. The classroom projectors are connected to the campus network to allow MRC staff the ability to monitor the projectors and their service needs. The following rooms were equipped and completed in SFY 2008:

Corbin Education	155, 156A-E, 156A-N, 156C, 157, 158, 159, 162, 251
Engineering Building	209
Fisk Hall	209
Geology Building	101, 216
Heskett Center	133
Hubbard Hall	339

Jabara Hall	226, 261, 306, 308, 310
Jardine Hall	306, 308, 310
Lindquist Hall	101, 105, 109, 113, 114, 500
Metroplex	191

WSU replaced a 50 KW emergency diesel generator, which only provided fire/safety emergency backup, with a 950 KW diesel generator to support the entire data center, including HVAC. The new generator is connected to existing UPS and will ensure indefinite, uninterrupted service to data center power and cooling in the event of a loss in utility company power.

As part of data center "revitalization", WSU installed supplemental HVAC which will provide additional cooling and allow for significant growth in the quantity of equipment housed in the data center. This addresses what had been a growing issue with cooling capacity and had begun to limit data center growth. The equipment installed is the state of the art Liebert XD system and is the first of its kind to be installed in Kansas.

WSU replaced the aging Halon fire suppression system with a state of the art DuPont FE-25 fire extinguishant system. It also enhanced the quantity of detectors in the data center and installed a graphical enunciator panel for enhanced location identification of the source of any fire detection.

In SFY 2008, WSU migrated TouchNet credit card and web-check processing platforms from servers housed in the WSU data center to a solution fully hosted by TouchNet. A key motivator in the decision to move to a hosted solution was compliance with the PCI-DSS standard.

Wichita State University has been a KanREN point-of-presence (POP) for many years, and is now a POP on KanREN's new statewide optical backbone. WSU hosts one of KanREN's backbone routers, which is linked on the ring between Fort Hays State University and Pittsburg State University, this router also provides the stepping-off point for Emporia State University's non-ring backbone connection. The KanREN aggregation router is also hosted at WSU. This feeds 13 smaller sites (K-12s, libraries, community colleges, etc.) in the Southern half of Kansas.

STRATEGIC DIRECTION AND OBJECTIVES: WSU is committed to the complete migration and consolidation of all faculty and staff email onto a single, centralized Exchange Server integrated with Microsoft Active Directory Services. The new email architecture will allow faculty and staff to leverage back-office applications such as group calendaring and resource scheduling. Students currently utilize the new university portal to access email, as well as Blackboard Course Management software for group collaboration. WSU is also exploring the use of Web 2.0 technology, such as wiki and blog, to provide additional communication and collaboration opportunities to students, faculty, and staff.

Three universities in Kansas currently utilize Banner as their primary production systems. WSU will continue to maintain and enhance the Banner environment to maximize our investment in the comprehensive ERP solution. Banner provides a good opportunity for collaboration on projects with other institutions in the State. During our Banner implementation there was significant collaboration between Wichita State University and Emporia State University on the development of State data interfaces. Washburn University was included in this effort to a lesser extent. It is well understood between these parties that utilization of this collaboration environment is available and encouraged when it is prudent and appropriate.

Further refinement of the identity management initiative and implementation will provide benefits to WSU students, faculty and staff in the areas of usability and functionality. Administration and management of the many applications and services will be enhanced by leveraging a single, comprehensive data repository for identity-related information and for authentication/authorization to those services

Telecommunications continues the multiyear initiative to upgrade all remaining intra-building cabling to CAT5e or better. The capacity to support 100/1000Mbps desktop connections will drive replacement of legacy network equipment in newly-cabled areas. All buildings needing gigabit connectivity for servers,

research or other high bandwidth applications will be accommodated. Currently the campus is 93% CAT5e or better and several buildings currently have gigabit network connections. Voice mail services have been upgraded to support modular messaging on the Web greatly expanding the capabilities of these services. Campus training on the new voice mail services is available to all employees. Continue to plan for the digital convergence of the campus network to support data, voice and video applications. Current campus PBX has the capability of concurrent IP and TDM voice networking. Any growth and change will be done with IP connectivity in the campus network backbone and core voice network.

Agency Architecture: With the renewal of the SunGardHE hardware and O/S, WSU will undergo a strategic shift in platform architecture from Sun Solaris to Linux on Intel based hardware. This shift allows us to take advantage of server virtualization capabilities provided by software like Microsoft's Hypervisor and VMWare's ESX. Work has started on the move from independent servers to server virtualization utilizing VMWare and Microsoft's virtualization solution. The VMWare ESX architecture also provides additional high availability and disaster recovery options that were not available in the Sun Solaris environment. In general, WSU is closely aligned with the majority of targets outlined in the KITA Target summary. There are certainly areas where this congruence is stronger than others, but very few areas that are not either already in our production environment, or are being evaluated for future use.

The campus Ethernet data network is fiber based and supports over 8,000 connections. WSU's architecture complies with the State Architecture, per K.S.A. 75-7209, http://da.state.ks.us/itec/Statutes/KS75-7209.htm.

Business Contingency Planning: WSU currently has no formal business contingency plan in place. Daily backups of all enterprise systems are taken using Tivoli Storage Manager and the data from those backups are stored off-site each day. There are ongoing efforts to document business processes in our new ERP environment, and as soon as that is stable and nearing completion, our goal is to begin the process of formulating a formal contingency plan for all WSU systems. As part of the newly designed and deployed network infrastructure, redundancy at nearly every level has been implemented. If new equipment could not be delivered in a timely basis following a major disaster WSU would seek help from the other Regent's institutions to restore basic operational needs of the campus. WSU and ESU continue to discuss the possibility of implementing disaster recovery back-up resources on each campus for the SunGardHE Banner ERP systems. Hardware would be installed in the data centers of both ESU and WSU that will be dedicated to disaster recovery needs of the institutions.

Business Process and Workflow Management: As part of the Banner implementation, a number of core business processes were analyzed for workflow. The result of this process analysis was that four critical business processes were set up for automated workflow. The last of these automated processes were put into production in March 2008.

Collaboration Software: WSU continues to expand its use of video-conferencing for inter-agency communication and collaboration. The migration of staff/faculty to an Exchange/Outlook platform will open up new opportunities to leverage common applications between agencies that utilize this infrastructure. Microsoft based SharePoint has been selected as a foundation component of controlled document sharing and is in the early stages of implementation. The Blackboard Course Management System is used for collaboration by students for academic purposes, but also by faculty / staff for collaborative purposes on administrative and other projects outside the classroom.

Data Storage and Administration: The SunGardHE Banner ERP system provides the primary data repository for all institutional information. All applications are supported by Oracle relational database technology and all data are stored in a relational format. Document management imaging is being used across campus to store paper documents in a digital format. All imaged documents can be distributed securely in a fully web-enabled environment. History data

warehouse information has been converted to the SunGardHE Banner ERP data warehouse applications.

Data Transfer: As the core application suite for nearly all academic and administrative functions, much of the university's data stores are within the Banner system. In this controlled environment, data transfers are managed through delivered tables and processes. Data transfers do take place between non-Banner systems and Banner in an effort to populate and/or update Banner information and vice-versa. Data is transferred regularly between Banner and external systems such as the identity management system, email system, library system, etc. In an effort to provide real-time service, much of the data is kept in synch in real time via database updates and transfers. Nightly batch processes are still required to move large data sets between independent systems that do not require real-time update. In addition, data interfaces between university systems and State of Kansas systems necessitate batch data transfers. Data transfers outside our own confines are typically managed through encryption and/or secure FTP. Data Transfer of sensitive information *within* our campus user community is managed through our custom 'Drop Box' application. This system requires authentication to our internal portal and specific use authorization. Data is moved from the source to one-or-more specifically identified recipients, who must also be valid Drop Box users. All data is automatically scanned for viruses and encrypted during transport and storage. Transfer of data via paper, requiring re-entry, is virtually non-existent at WSU.

Electronic Records Retention: WSU will follow State of Kansas guidelines regarding adoption and promulgation of electronic records retention policies and processes. A good percentage of our records have been moved into our imaging system. This is definitely the case for records being kept simply for possible future reference. For electronic historical records, those are generally classified and stored in one of our enterprise data warehouses. The retention timing of data is controlled by the original custodian of the data and WSU policy.

E-Government: With the completion of our ERP project in SYF2008, WSU now offers virtually every campus service in an online/self-service environment. Student interactions for enrollment, fee assessment, payment, financial assistance, coursework, communication with instructor and transcript access is all provided in a secure web-based environment.

End User IT Security Training: Development of policies for other aspects of security policy continues, including incident response, past and future DMCA violations, education of students, faculty, and staff, and more. Wireless is currently secured via WEP key and MAC address registration. The use of a central LDAP-based authentication system has been deployed as part of the ERP project. End user security training is addressed in several of the Banner training sessions. It is also referenced in our 'Acceptable Use' policy, (Employee Policy # 19.01), which is part of new employee training processes. WSU's WIN ERP project includes a comprehensive security process for change management compliance. During SFY 2008, WSU started the implementation of an access control mechanisms for the campus network, requiring all workstations and client devices to have specified levels of operating system, anti-virus software, and security patches. In addition, users will be required to connect using port based authentication before network connectivity is granted. Role-based access for faculty/staff, students, and guests will be implemented, providing additional security for network-based resources. Strong passwords and password management schedules will continue to be enforced on all applications and access services. All remote access will require the use of the virtual private network (VPN) connection to connect remotely. Data encryption will be required on mobile devices and media that are used to store university-owned data information.

Identity Management: Much of the identity data is within the Banner system, but is supplemented by a new person repository system which aggregates identity information which is stored in both Banner and non-Banner systems. WSU continues to leverage the existing Enterprise Directory (ED) for consolidated authentication and as one piece of the identity management infrastructure. The ability to centrally authenticate individuals from the ED, based on

their role and authorization within a system, is being developed and has been expanded to provide authentication for public workstations in student lab environments and the library. The use of the Microsoft Active Directory (AD) system, which was implemented SFY 2007, has greatly expanded during SFY 2008. Initially, our AD was utilized to support our conversion from Lotus Notes to Microsoft Exchange. The role of Microsoft AD was expanded in our operations because of its natural ability to control role-based authorization in our warehousing and reporting systems. There is an active effort to migrate access control in many of our web-based systems from a custom system to AD.

IT Disaster Recovery: All centrally managed servers are backed-up nightly, and copies of the backups are created and moved off site daily. Off site backup tapes are stored in another campus building in a secure storage facility. Storage area network (SAN) systems are used to store data from most servers. The SAN uses contemporary disk array technology that provides high availability and hot swappable disk storage in the event of a disk failure. As part of the newly designed and deployed network infrastructure, redundancy at nearly every level has been implemented. If new equipment could not be delivered in a timely basis following a major disaster WSU would seek help from the other Regent's institutions to restore basic operational needs of the campus. WSU and ESU continue to discuss the possibility of implementing disaster recovery back-up resources on each campus for the SunGardHE Banner ERP systems. Hardware could be installed in the data centers of both ESU and WSU that would be dedicated to disaster recovery needs of the institutions.

IT Security Staff: WSU currently has no permanent staff dedicated to I.T. Security. Technical services staff are assigned specific security roles in WSU's security infrastructure and provide the technical security support for the campus. Many aspects of security tend to be network-centric, and the WSU lead network engineer is keenly aware of security issues, and is vigilant in his efforts to keep WSU systems secure.

Public Key Infrastructure: WSU does not currently use PKI but continues to be involved in the State project. Secure single sign-on access was implemented as part of our ERP portal project. WSU also uses secure (SSL) data encryption logins in our web-enabled self service applications. In the near-future application authorization processes at WSU will be controlled by our internal identity management system.

Service Oriented Architecture: The yet emerging area of service oriented architecture needs time to be refined and formed into a technological process WSU would feel safe to pursue. In part, much of the delivered Banner system utilizes the basic concepts of SOA. Common functions are built and cataloged into the systems as 'functions', 'packages', and 'procedures' – which may be called from various applications modules. WSU has also shared such 'SOA' resources with other Banner schools in a collaborative effort, when no security concerns were involved. The possibility of extending SOA outside of the confines of our campus in a true SOA sense is unlikely. In general, SOA makes sense, and WSU will continue to follow the general processes mentioned here.

Technology Infrastructure: With the completion of the WIN project, and the full implementation of Banner, WSU has completed a transition from mainframe to open systems for the backbone of the University administrative systems. As the project has come to a close, we have identified new opportunities, which will be explored as we begin the refresh of the hardware purchased four years ago. The storage infrastructure has a solid foundation with the original SAN fabric, but has been expanded to include and take advantage of higher speed links. The central storage was updated in the previous SFY, and continues to provide acceptable performance. The capacity of the existing central storage will be expanded over the next SFY, and other storage options will be explored. The campus network will continue to be improved to support gigabit connectivity to all buildings and switched 100/1000 Mb Ethernet to every network connection. A current initiative is to provide gigabit connectivity within each building, providing high-bandwidth connectivity for workstations running applications that warrant such speeds. Wireless connectivity is available

within all administrative and academic buildings on campus, and has been expanded during the past year to all residence halls and selected outdoor locations. All of the campus buildings are covered by the campus wireless network.

Adjutant General (Agency #034)

BUSINESS PROGRAMS:

Kansas Division of Emergency Management (KDEM)
Office of State Human Resources
State Comptrollers Office

MISSION: To have a motivated and caring organization built on the values and tradition of the people of Kansas. To mobilize, deploy and fight as a part of America's Army and Air Force. To protect life and property. To preserve peace, order, health, and public safety.

SFY 2009 BUDGET: **$145,589,400.00**
SFY 2009 FTE: **219.0**
SFY 2008 IT EXPENDITURES: **$550,597.99**
WEBSITE ADDRESS: **http://www.accesskansas.org/ksadjutantgeneral/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.3	0	1.3	0	1.3	0
Application Maintenance and Enhancement (in-production systems)	00	1	0	1	0	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.35	1.20	.65	1.20	.65	1.20
Data Administration, Data Analysis/Validation and Database Administration	.65	.60	.35	.30	.35	.30
Network Engineering, Technical Management and Support	1.0	0	1.0	0	1.0	0
Computer Operations, Management and Technical Support	.70	.85	.70	0	.70	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	.35	0	.50	0	.50
TOTAL FTEs	**4**	**4**	**4**	**3**	**4**	**3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	10	16	18
Virtual Servers	0	0	0
Desktops	144	162	162
Desktops Replaced	26	23	30
Mobile Devices	25	25	29

SFY 2008 MAJOR APPLICATIONS:
Training TMS
ArcView
ArcInfo
ArcIMS
ArcSDE
ArcPAD
WebEOC
CAMEO (Computer-Aided Management of Emergency Operations)
EMERS
LandView5

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The State Network maintained 99.9% uptime for the fiscal year. 2 state divisions – The State Human Resources Office and the Comptrollers Office were relocated to the North Armory – this required extending the State Network outside the State Defense Building, additionally KDEM's Vulnerability Assessment Team (VAT) and Communication Assessment Team (CAT) were relocated to another building requiring an additional network extension outside the State Defense Building. All network extensions were completed in FY2008.

Several State and Federal employees received training on several IT applications. Training was provided by IT staff utilizing the agencies distance learning classroom in Topeka. It is planned that in the near future employees will be able to receive training at any location via an instructor located in Topeka.

Work began in June 2006 on a new Joint Emergency Operations Center (JEOC) in the Kansas State Defense Building. The JEOC became operational in early FY 2007 providing command and control for the 2008 winter storms that hit Kansas. The JEOC also provided central command and control for responders for the Chapman Tornado and the flooding that occurred in several counties during the spring andsummer of 2008 Several State, County and Federal staff manned the JOEC during these disasters.

STRATEGIC DIRECTION AND OBJECTIVES: The agency is making a greater use of Web-based programs and continually updating its web presence. Additionally it is anticipated that the agency will have Voice over IP installed during FY2009-2011. The blending of resources, both human and information, between state and federal have permitted the agency to more effectively accomplish its mission. The agency will continue to make use of the Internet and web-based applications in the fulfillment of its mission. During FY2009 there will be a greater emphasis on IT security with the development of stricter policies and practices, most notably, more rigid security background checks of employees. The Department of Defense now requires that all individuals accessing a DoD network have a level three security clearance. The majority of State Employees in the agency access the DoD network.

The fulltime Database Administrator position became vacant during FY2008 and the position was reclassified to an Application Developer II, providing the agency with more flexibility in developing in-house applications and increased web based programming. The position was filled in July 2008.

Agency Architecture: There are no plans to change the current IT Architecture at the present time. The present architecture may be enhanced, but no significant changes are anticipated.

Business Contingency Planning: Extensive planning is ongoing for a hot site at Salina. The infrastructure is being developed and completion is expected in FY 2009 or FY 2010. The site is intended for use by the governor and staff should Capitol Area facilities be unavailable or inaccessible.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: Military records on all Kansas Veterans and military personnel, current and historical disaster data, personnel and state fiscal records. Storage is maintained on several servers backed up to a tape library maintained off site. However this data is maintained on a Federal network.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: The development of a web-base Emergency Operations Center (WebEOC) was completed in late FY 2006. It was utilized for the winter ice storms and the Chapman Tornado during FY2008.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: The Agency has no plans to make any significant changes to its technology infrastructure in FY 2009.

Corrections, Kansas Department of (Agency #521)

BUSINESS PROGRAMS:

Central Administration	Community Supervision
Offender Programs	Special Programs
Kansas Correlation Industries	Food Service Contract
Debt Service	Capital Improvements

MISSION: The Department of Corrections, as part of the criminal justice system, contributes to public safety and supports victims of crime by exercising safe and effective containment and supervision of inmates, by managing offenders in the community, and by actively encouraging and assisting offenders to become law-abiding citizens.

SFY 2009 BUDGET: **$296,131,281.00**
SFY 2009 FTE: **3112.70**
SFY 2008 IT EXPENDITURES: **$2,047,775.70**
WEBSITE ADDRESS: **http://www.doc.ks.gov**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	1	0	1	0	1
Application Maintenance and Enhancement (in-production systems)	3	0	3	0	3	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	9	1	9	1	9	1
Data Administration, Data Analysis/Validation and Database Administration	1	0	1	0	1	0
Network Engineering, Technical Management and Support	2	0	2	0	2	0
Computer Operations, Management and Technical Support	28	1	30	1	30	1
Web application development and maintenance	.5	0	.5	0	.5	0
IT Security	.5	0	.5	0	.5	0
Other IT Functions (please identify)	5	0	5	0	5	0
TOTAL FTEs	**49**	**3**	**51**	**3**	**51**	**3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	103	118	117
Virtual Servers	71	134	199
Desktops	2138	2353	2493
Desktops Replaced	141	136	157
Mobile Devices	83	158	250

SFY 2008 MAJOR APPLICATIONS:
Canteen Operations
Automated Fingerprint Identification System
Level of Services Inventory – Revised (LSIR)
Electronic Medical Records (EMR)
Inmate Document Imaging
Kansas Adult Supervised Population Electronic Repository (KASPER)
XData
Centralized Inmate Banking Check imaging System
Offender Management Information System (OMIS)
Total Offender Activity Documentation System (TOADS)
Photo Capture and Badge System
Inmate Visiting
Electronic Officer Log

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Implemented SB14 good time changes and program credit
- Created tracking mechanism for offender under HB2707 – Release Supervision Obligation
- Implemented SB524 – Victim Services Assistance
- Implemented new offender detainer tracking
- Migration of the TOADS application from iSeries to Windows based servers
- Numerous enhancements to risk reduction and re-entry tracking
- Implemented additional Work Release earnings programs
- Created custody files for Dr. Hardyman of Criminal Justice Institute
- Created data file for National Re-Entry (SVORI)
- Created new tracking mechanism for transportation of offender from county jail to prison
- Researched and setup Java development framework
- Developed a data transport web service using Open Source Axis2 software
    - Setup build automation using Maven
    - Built the web services archiver, parser and validation projects
    - Built the journal entry service, Hibernate, Model and Client projects
- Source code management deployment using Subversion
- Provided re-certification of LSI-R for more than 500 staff in KDOC facilities, parole services and Community Corrections programs across the state using a web-based, on-line course management system called Moodle.
- Installed 30 Cisco ASA-5505 Hardware VPN Appliances in various community corrections and parole offices to enhance communications, access to systems, and remote end user support.
- The department is aggressively deploying virtualization throughout. This is being accomplished by using a variety of VMWare solutions and XEN Source Citrix solutions. The agency has completed approximately 75% of this conversion effort. In addition, to energy savings and lower capital expenses due to more efficient use of our hardware resources, we will get a higher availability of resources, better desktop management, increased security, and improved disaster recovery processes.
- Expanded KC Parole to include 16 new staff for Re-Entry purposes.
- Continued transition to laptops for all staff to assist with mobility and added efficiency.
- Installed two new servers in the Northern Parole Region to provide network printing and file sharing.
- Created an electronic asset inventory for KCI equipment.
- LCF rolled out electronic log books to over 40 posts and implemented an Inmate Callout and tracking system.
- LCF increased fiber connectivity to the East Unit.
- Incorporated video technology at LCF to provide classes to all units simultaneously.
- Implemented and open source e-mail system for line staff and contractors to utilize at LCF.
- LCF deployed 23 additional line staff Linux terminals.

- WCF Installed thin clients to all security posts.
- The Central Office has installed new fiber channel SANs including installation at the offsite disaster center.
- Agency migrated to 2003 Exchange. Central Office moved over 1,000 mailboxes to the new MS Exchange server.
- Currently migrating staff at most all locations to terminal services environments.
- New phone switch installed at LCMHF.
- LCMHF is evaluating and testing Linux desktops connecting to MS Windows Terminal Servers as a cost savings effort.
- HCF Installed new fiber between the Central Unit and the East Unit.
- Moved servers and main network stack into new location to improve security.
- The department has installed over 100 new DVR systems to enhance security through video. These systems are distributed amongst the various facilities and are being manages by each facility IT department.
- Designed and implemented new video surveillance room using a video wall at HCF.
- A New 'Panic Alarm' system was designed and installed at HCF.
- Agency-wide all inmate phone systems were replaced with new equipment.
- Implemented 'In Cell' GED program through Terminal Services for segregation inmates at EDCF.
- Displaced typewriters with open source terminal services for inmate word processing. 10 client terminals installed.
- Inmate LTSP system providing legal and banking access upgraded agency wide.
- EDCF designed and implemented a Life Skills computer lab to assist with resume building and basic computer skills.
- Designed and installed a video surveillance room including a video wall at EDCF.
- Prototyped and tested new visitation application for agency. Later this was implemented and is being utilized system wide.
- Agency is implementing a free IT asset control and inventory system called SpiceWorks. This system also is expected to serve as our Customer Support Ticketing Portal.
- TCF Network upgraded from 10MB to 100MB Fast Ethernet.
- The backlog of records has been cleared from KDOC's Inmate Records Repository.
- Three of KDOC's facilities are now up-to-date with inmate records scanning
- Created application in PLONE that allows security personnel to generate an escape flier and post it to the DOC website with a few clicks.

STRATEGIC DIRECTION AND OBJECTIVES: None Reported.

Agency Architecture: KDOC's primary inmate management/tracking systems operate in a centralized data processing architecture consisting of enterprise-based applications. KDOC's Offender Management application "OMIS" runs on an IBM iSeries (AS/400) system. KDOC's Post Release and Community Corrections (Probation) tracking system "TOADS" operates in a Lotus Notes environment running on a Windows server platform. A second IBM iSeries located at the State's ODC site functions as a Hot Site system for the OMIS and TOADS applications. 252 PC-based servers running Windows and Linux server operating systems are used to provide network services, email, offender post release tracking, electronic medical records, photo capture, inmate banking, web-based application, document scanning, print serving, asset management, Internet and intranet services, file sharing, domain authentication, and other services. PC Server backup systems are currently being installed at the State's ODC site for implementation of hot site services for the above mentioned pc-based applications.

Business Contingency Planning: KDOC maintains an IT hot site running replicas of the Department's "Offender Management/Tracking" systems. These systems provide services to: KDOC's – Central Office staff, Facilities, Parole Offices, Parole Board, Re-Entry programs, and Community Corrections programs as well as the victims themselves. In the event of a catastrophic happening which leaves KDOC's central site unavailable, services provided by

KDOC's critical applications along with the appropriate support personnel is contained in KDOC's Disaster Recovery plan. At this time KDOC does not have a published Business Contingency Plan in place. Currently there is a statewide task force working on Continuity of Operation Plan (COOP) to put together a single software and training program that would work for all State agencies.

Business Process and Workflow Management: We presently have no specific plans pending the completion of the Enterprise Architecture although we recognize the need for an enterprise solution to provide this capability.

Collaboration Software: Our course management system, implemented with a product named Moodle, continues to grow as we have allocated staff dedicated to creating course content. We have begun to use Lectora to create rich, dynamic courses and screencast tools to provide software tutorials. The intranet has been expanded. We have advanced calendaring, report generation and sharing, automated publishing, online forms, project management, video sharing to the Plone framework. The department is beginning to implement systems to allow for a variety of technology driven collaboration components. Currently the department has limited Polycom conferencing units for small groups. XMPP Jabber is providing an open source solution as an instant messaging server platform. Jabber allows for a wide variety of client software components to be used. The department standard is a client component call 'Spark'. A 'DimDim' server has been loaded and testing is near completion. "DimDim' is an open source alternative to the popular WebEx and allows for the sharing of desktops, video and documents. It is effective for point to multi point broadcasts. Other technologies are also being evaluated.

Data Storage and Administration: The Department currently utilizes two main systems. These systems are TOADS and OMIS. A core for future system development is underway. There is a multitude of secondary unrelated systems throughout the network as well. OMIS is an AS-400 system managed by IBM DBU and AS-400 OS. This contains over 5,000 objects such as programs mostly RPG and some COBOL. There are approximately 195 Million data records in about 3,000 files requiring approximately 30 Gigabytes of storage space.

The TOADS system stores Community Corrections and Parole data primarily. This system is being migrated to an Intel based platform. This is managed by Windows 2003 Server and Lotus Notes. A data transfer exists between this system and OMIS. There are approximately 100 databases within this system occupying approximately 80 Gigabytes of storage.

A new system is in development that will use an Intel Platform. Although no final decision has been made, at this point SQL 2000 and SQL 2005 are being used. A Data Dictionary is being developed on this system and is currently using approximately 6 Gigabytes of storage.

Other storage systems include KASPER that is managed by a SQL 2000 on an Intel Windows 2003 Server. KASPER is approximately 15 Gigabytes in size, contains over 1 million records and has 150 tables. This system is used internally, publicly, and is shared with other law enforcement and government agencies. Related Databases include those used for sharing information with other agencies, such as KBI. This system has about 100 database tables and consumes approximately 20GB of disk space.

A data reporting tool used by this agency is Crystal Reports with Business Objects Enterprise Central Management Console. This system is currently running on a Windows 2003 Server with SQL 2000 for management. In its current state, it is approximately 10 Gigabytes in size, however will be approximately 40 Gigabytes upon the implementation of Dashboards.

There is a multitude of smaller storage systems in existence to support such applications as TRAIN, EPIC, Wicket, HR Management, EMR, and LSI-R.

KDOC's inmate document imaging system will be converted from its current as-400 based IBM Content Manager system to a new Alfresco application. Future applications are also being planned to leverage the capabilities of Alfresco. The Alfresco system will run on a PC server platform using networked data storage.

Data Transfer: KASPER is a system that the KDOC provides offender information to the public through web services. This offender information includes but is not limited to demographic data, photo images of offenders, and conviction related data. Electronic transfers exist between the KDOC and the KBI (KCJIS) as a server to server relationship distributing offender related data contained within the KASPER system. Another electronic transfer occurs from the KASPER database to the Kansas Secretary of State. This is a client side initiated pull of data. We are currently working to receive journal entry data from the prosecutor's systems in KCJIS. A current and ongoing effort to allow for intra-agency data sharing is through the use of Crystal Reports. This effort utilizes multiple database including OMIS and TOADS and is focused on Re-Entry efforts for Parole Services and KDOC facilities. A future data sharing initiative is centered on moving offender data from the Johnson County Court Systems to the KDOC.

Electronic Records Retention: Presently all electronic versions of KDOC offender records shall remain actively available indefinitely. A complete set of imaged records are maintained on electronic disk media available for viewing. Daily backups are taken of open folders residing on disk. These backups are rotated off-site daily and stored with closed folder data. Additionally, a complete set of images records are maintained on optical media. Optical platter backups are performed as each platter becomes full and taken off-site. Once converted from our current IBM Content Manager system to a new Alfresco application as described in "Data Storage & Admin" above, optical platter backups will no longer be taken for archive purposes.

E-Government: The public website now includes improved KASPER interface, online victim notification forms, volunteer information and forms, automated escape flyer generations and automated report publishing. Kansas Correctional Industries, manufacturers of inmate made goods, provides an electronic catalog and electronic ordering available to their client base.

End User IT Security Training: End user IT Security training is accomplished using a web-based, on line learning management system called "Moodle". It is our intention to expand this training to all new employees hired department wide. The curriculum includes:

- Authorized Internet use
- Email use, etiquette, and security
- Inclusion of applicable policies and procedures
- Mandatory form – User Awareness Statement

Identity Management: This department relies upon Microsoft Active Directory Services and utilizes that directory via Microsoft Desktop Services and LDAP for other systems. The Active Directory is the heart of our identity management system and it is used to authenticate a variety of our system through single sign-on, in some instances. The LDAP is used to authenticate various other systems to include XMPP Jabber, OMIS and content management systems.

IT Disaster Recovery: KDOC's IT Disaster Recovery Plan includes instruction and contact information to be used for system restores along with instruction for bringing key systems back into operation. The Department continues to enhance its hot site recovery capabilities with our goal being that all critical systems become immediately available for use, via the hot site, in the event of a declared emergency.

IT Security Staff: The KDOC completed the 2007 Security Self Assessment in September 2007. The 2007 score was an improvement over the 2006 score.

Public Key Infrastructure: At this time KDOC is reviewing potential opportunities for digital and/or electronic signatures but has made no investment in these areas. This department may have moderate interest in using digital certificates for email encryption in the future. Digital certificates are being tested for one transmission to with an outside agency at this time.

Service Oriented Architecture: The KDOC is moving in the direction of Service Oriented Architecture. The first project tested was the transporting of Certified Sentencing Journal Entry information from the State Prosecutor's system to KDOC. At this time KDOC is exploring opportunities and upgrade paths necessary to permit movement forward towards SOA.

Technology Infrastructure: We have moved most of our non-AS-400 systems to a SAN at the Central Office. This is allowing for better performance, manageability, scalability and reliability. This effort will be replicated in part at the hot site. Through this effort we have been focused on server consolidation and virtualization. Most all systems are now running in virtualized environment to better utilize existing hardware infrastructure and reduce energy consumption cost amongst multiple other benefits. New hardware is currently being installed at the 8 major facilities and at the Wichita Work Release facility to enable thin client computing. This effort is well underway and will allow us to extend the usable life of the traditional desktop clients by converting them to thin client terminals once they reached the end of their useful life cycle.

Emergency Medical Services Board (Agency #206)

BUSINESS PROGRAMS:

Regulation	Assistance Programs
Complaint Investigation	Education

MISSION: As the lead agency for Emergency Medical Services, the Kansas Board of Emergency Medical Services exists, primarily, to ensure that quality out-of-hospital care is available throughout Kansas. This care is based on the optimal utilization of community resources that are consistent with the patient's needs. The delivery of optimal care is supported through the adoption of standards; definition of scopes of practice; and provision of health, safety, and prevention education and information to the public, Emergency Medical Services services/agencies, Emergency Medical Services providers/instructors, related health care professionals, and other public service and political entities.

SFY 2009 BUDGET: **$2,306,203.00**
SFY 2009 FTE: **14.0**
SFY 2008 IT EXPENDITURES: **$160,477.70**
WEBSITE ADDRESS: **www.ksbems.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.1	0	.1	0	.1	0
Application Maintenance and Enhancement (in-production systems)	.2	0	.25	0	.25	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.2	0	.25	0	.25	0
Data Administration, Data Analysis/Validation and Database Administration	.2	0	.3	0	.3	0
Network Engineering, Technical Management and Support	.05	0	.05	0	0	0
Computer Operations, Management and Technical Support	.05	0	.05	0	.05	0
Web application development and maintenance	.025	0	.05	0	.05	0
IT Security	.0125	0	.025	0	.025	0
Data Entry	2.25	0	2.25	0	2.25	0
TOTAL FTEs	**3.0857**	**0**	**3.325**	**0**	**3.275**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	3	3
Virtual Servers	0	0	0
Desktops	?	?	?
Desktops Replaced	30	30	30
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: None reported

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Migrated our database system from Informix Standard Engine to the more robust Informix Dynamic Server, version 11.5
- Enhanced our domain-based working environment (managed by Windows Server 2003) to be more user friendly.
- Continued to introduce IBM Client-SDK to work with the database from different environments.
- Revamped our website and gave it a new look.
- Enhanced the online certification renewal system by allowing Instructor/Coordinators to renew their certifications along with their attendant certifications.
- Equipped out field technicians with laptops and hand-writing-capable table-PCs.
- Introduced a multi-feed scanner for forms processing and database integration.

STRATEGIC DIRECTION AND OBJECTIVES: The Board of EMS will continue to use top notch technology that allows staff members to perform their tasks more effectively. We will be looking for new technologies and software that enhances our ability to offer satisfying services to Kansas EMS attendants. We are also looking to take advantage of our website and make it more user-friendly and able to enhance our communication with the services and attendants. We are introducing a heavy-duty scanner that will allow us to integrate our forms with our database with little manual intervention. We are looking for more ways to facilitate the dialogue within the Kansas EMS community by maintaining a listserv for everybody who is interested in EMS matters.

Online Certification Renewal: The system was successfully launched in September 2005 and intended for only attendants. It enjoyed a high response from the attendants, as 30% of all attendants scheduled to renew took advantage of it, with virtually no technical difficulties. We have made enhancements to it and allowed Instructor/Coordinators to renew their teacher's certifications along with their attendant card. We intend to take full advantage of this service, and add yet more services to it, such as allowing Training Officers (I and II) to renew their teacher's certification.

Online Ambulance License Renewal: The Board of EMS now offers to ambulance services an ability to renew their service licenses and vehicle permits online.

Security: We believe that Windows Server 2003 has strong built in security features, which, coupled with rigorous security procedures that we put in place, will substantially reduce breaches and disruptions. We always make sure that all software packages are updated to their latest releases, as soon as they are made available by Microsoft. All databases, tables and fields have specific permissions. Users that connect from outside dial through A VPN tunnel that enhances security. We also use anti-virus software to minimize malware. No database or other attendants' personal data is to be stored on portable computers or devices.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: We will strive to comply with the State of Kansas' objectives to provide a user-friendly gateway for citizens to access government service, utilizing technology to bring enhanced government performance to our citizens.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Fire Marshall Office, State (Agency #234)

BUSINESS PROGRAMS:

Administrative Programs
Fire Prevention
Fire Investigations
Hazardous Materials (HAZMAT) Response Program

MISSION: The Kansas State Fire Marshal's Office is dedicated to protecting lives and property from the hazards of fire or explosion and will promote prevention, educational, and investigative activities to mitigate incidents, promote life safety and deter crimes.

SFY 2009 BUDGET: **$4,780,958.00**
SFY 2009 FTE: **53.0**
SFY 2008 IT EXPENDITURES: **$202,769.05**
WEBSITE ADDRESS: **http://www.accesskansas.org/firemarshal**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.1	.25	.1	.25	.1	.25
Application Maintenance and Enhancement (in-production systems)	.1	.1	.1	.1	.1	.1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.1	0	.1	0	.1	0
Data Administration, Data Analysis/Validation and Database Administration	.5	.05	.5	.05	.5	.05
Network Engineering, Technical Management and Support	0	.2	0	.2	0	.2
Computer Operations, Management and Technical Support	.1	.2	.5	.2	.5	.2
Web application development and maintenance	.15	0	.15	0	.15	0
IT Security	.1	.2	.1	.2	.1	.2
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**1**	**1**	**1.15**	**1**	**1.15**	**1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	4	5	13
Virtual Servers	0	0	0
Desktops	25	25	25
Desktops Replaced	20	12	13
Mobile Devices	37	37	40

SFY 2008 MAJOR APPLICATIONS:
Kansas Inspection Data System (KIDS)
Kansas Fire Incident Reporting System (KFIRS) 4.1 Data
Kansas Fire Incident Reporting System (KFIRS) 5.0 data
Kansas Insurance Loss Reporting System (KILRs)
Kansas Arson Information System (KAIS)
Kansas Burn Injury Reporting System (KBIRS)
Centers for Medicare and Medicaid Services (Aspen)
NCIC Datamaxx
Explosive Licensing
Certified Arson Investigator
Fireworks Operator Licensing
Kansas State Fire Marshal Inventory
Fire Department/Insurance Database
Kansas State Fire Marshal Fleet Database

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Most of our improvements have been replacing laptops (20) and PC's (12) on which warranties will expire by June 30, 2009. Several of the old laptops were cleaned and formatted for use by the Hazmat Division to improve the training capability. All computers are Windows XP. We added 4 fire departments to FireHouse Software for electronic reporting. We now have 633 of 643 fire departments reporting electronically. We replaced a failed server with a new server that serves as our web server for the Certified Arson Investigators to access the KAIS program.

STRATEGIC DIRECTION AND OBJECTIVES: The State Fire Marshal's Office continues to improve our use of information technology. KAIS has a new program utilizing the Internet for on-line processing. KFIRS, Aspen, and KIDS are now using electronic means to transfer data. Electronic transfer of KFIRS files has eliminated the data entry but increased validation process time.

The KBIRS, KFIRS and KILRS are data entry programs that need to be redeveloped as a web-based application, allowing users to enter the data on-line and eliminating agency data-entry. This would greatly enhance the abilities or the Insurance Industry and the Kansas Hospitals to enter the insurance fire losses and burn injuries respectively on-line rather than mail paper copies for data entry by the Fire Marshal office. It would also enhance their ability to get information from the system. The development of a query system that merges KAIS, KFIRS, KBIRS, and KILRS into one database with query capabilities would greatly enhance fire investigations.

We do not deviate from the State Architecture. We will have significant changes in our technology infrastructure over the next three years.

The Technical Support Consultant II position has responsibility for IT Security. This person is not dedicated exclusively to IT Security. There are no plans for the near future to have a person dedicated solely to IT Security. End user IT security training is given to new employees. There is no recurring training provided except when deficiencies are noted and email memos are sent to all employees stating the noted deficiencies.

We plan to stay on Windows XP as long as possible, but when new computers no longer offer Windows XP, then we will begin to migrate towards Windows Vista.

We currently share healthcare inspection data with KDOA and KDHE through the Aspen program.

Data management is expected to change in the next year. We have inadequate storage on our servers at this time. This is to be rectified with a new system of servers and applications for system management.

We have plans to try and place many of the forms/applications on our website to allow the public to complete these forms/applications electronically.

Our agency began using an RSA token security in March 2006 for access to the new KAIS program. As we upgraded KBIRS to a web-based application we revisited the need for security on this application and have made improvements.

We do not have an agency contingency plan, IT Disaster Recovery, or electronic record's retention plan. We hope to have said plans completed by the end of FY2009. The office has a policy on record's retention that meets all requirements of the Kansas Open Records Act.

We continue to enhance our web site with statistical information, FAQ's, and other information pertinent to the fire service and other agencies. We were granted an increase for our web-site storage to allow more information from our divisions to be posted on the site for use by the consumers needing this information; however we still need more to provide the consumers with more forms and information necessary to meet their requirements.

As we have advanced our technology with new software and hardware, we have not moved as fast in providing training to our personnel to adequately and effectively use the software and hardware to its full potential. With the trend moving to do more with less it will be imperative we get our users and IT personnel trained so we can achieve greater production with less material.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Highway Patrol (Agency #105)

BUSINESS PROGRAMS:

Administration
Motor Carrier Inspection
Highway Patrol Aircraft
Special Response Team and Canine Programs
Capitol Police
Patrol of the Kansas Turnpike
Vehicle Identification Number (VIN)

MISSION: The Kansas Highway Patrol is devoted to improving quality of life through spirited and dedicated service. We pledge to be responsive to concerns of citizens and public safety partners. We will do this by providing professional law enforcement services and share resources in the most effective and efficient manner possible. We believe in treating all persons with courtesy and respect. The preservation of individual dignity and constitutional rights is paramount in performing our duties. Protecting the rights of co-workers and providing a safe, secure working environment is of equal importance. We are committed to providing protection of life and property through active enforcement of traffic, criminal and other laws of the State of Kansas, and by supporting homeland security initiatives. We recognize our responsibility to uphold and enforce this authority in a competent, fair, and honest manner.

SFY 2009 BUDGET: **$91,060,294.00**
SFY 2009 FTE: **859.00**
SFY 2008 IT EXPENDITURES: **$2,348,750.50**
WEBSITE ADDRESS: **http://www.kansashighwaypatrol.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	2	2	2	2	2
Application Maintenance and Enhancement (in-production systems)	2	0	2	1	2	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	4.5	1	4.5	.5	4.5	.5
Data Administration, Data Analysis/Validation and Database Administration	1	0	1	0	1	0
Network Engineering, Technical Management and Support	4	0	4	1	4	1
Computer Operations, Management and Technical Support	6	0	6	.5	6	.5
Web application development and maintenance	.5	0	.5	0	.5	0
IT Security	2	0	2	0	2	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**21**	**3**	**22**	**5**	**22**	**5**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	55	20	15
Virtual Servers	6	33	55
Desktops	500	500	450
Desktops Replaced	125	125	100
Mobile Devices	500	600	700

SFY 2008 MAJOR APPLICATIONS:

Procurement System
Fleet Management System (FMS)
Notice to Appear System (NTA)
Professional Standards Unit System (PSUS)
Computer Aided Dispatch (CAD)
PMDC (Premier Mobile Data Communication)
Safety Net Commercial Vehicle RMS
CVIEW (Commercial Vehicle Information Exchange Window)
Document Image/Workflow Departmental Structure
Asset Inventory System
Central Stores System
Motor Vehicle Enforcement (MVE)
Pursuit Tracking System (PTS)
Radio IP
Records Management System (RMS)
Criminal Interdiction (CID)
Civil Assessment Application (CAA)
Automated Field Reporting System (AFRS)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: Fiscal year 2008 brought about numerous cross agency collaboration efforts. The first project to mention is the CVIEW (Commercial Vehicle Information Exchange Window). KHP worked with CVISN team members from KCC and KDOR to implement the Kansas CVIEW (Commercial Vehicle Information Exchange Window) system. CVIEW is a compilation of state motor carrier registration, permitting and fuel tax information with along with federal safety and inspection data. Operating authority and safety compliance is used by KDOR and KCC staff when determining eligibility for permits and licensure. Likewise, law enforcement officers access CVIEW roadside to verify registration, permitting and fuel tax data during safety inspection and other enforcement activities. State record updates are uploaded to the federal SAFER database on a daily basis. Interstate data from other states is downloaded from SAFER every four hours. With the implementation of CVIEW, Kansas will be eligible for core CVISN (Commercial Vehicle Information System Network) compliance. Kansas is one of only a handful of states that have successfully executed core CVISN and PRISM (Performance Registration Information System Management) programs concurrently.

Another large multi-agency project falls under the TRCC (Traffic records Coordinating Council) where as KHP is developing KLER (Kansas Law Enforcement Reporting) a data capturing application for state mandated form data destined to state repositories. This application being internally developed by KHP will be provided to all law enforcement agencies throughout Kansas at no-charge. KLER represents the first stage of information gathering required by law enforcement. The KLER application is designed to reduce officer's time to complete reports using an intelligent based environment for data sharing and information gathering from new technologies like bar code readers for driver license and vehicle registration. KLER is the initial roadside data capturing tool which will then validate data for accuracy. KLER and the associated validation routines have been designed in coordination with KDOT and KBI and KDOR. This will provide a basis to gather information quickly then verify input accuracy. Once the data passes validation, the information can be electronically submitted to the TRS (Traffic Records System Portal for distribution to the state agencies databases. This process will greatly improve the flow of information from local law enforcement entities to the State and then to the Federal government databases providing more accurate information in less time. Kansas's eligibility for ongoing federal funding relies on the ability to process more accurate data in a timely manner. This project is still underway and set to complete in fiscal 2009.

A third major IT project was the MDU project, this project completed on time and well within the 10% allowance of KITO. KHP was able to piggy back off of the KDOT expansion of the digital 800 MHz radio system and utilize the radio infrastructure to design a data network which provides Troopers the ability to run NCIC checks on people, vehicles and property directly from their cars. This is not only a huge officer safety benefit but it also reduces efforts on an already understaffed Central Dispatch Center. In addition to NCIC verification, the MDUs also provide the ability to access CVIEW roadside and integrate roadside report writing using an existing data capture tool (AFRS). AFRS will be replaced with KLER in fiscal 2009. An added feature of the MDU is the functionality that allows troopers to remove the MDU from the vehicle and connect it into the KANWIN network when at a Troop Headquarter location, thus reducing PC replacement and maintenance costs.

KHP's agency infrastructure was also upgraded this year, including upgrades to servers using VM-ware. KHP has significantly reduced the number of agency hardware servers by capitalizing on VM-ware functionality and increasing the use of virtual servers. We virtualized an additional 16 servers while increasing redundancy. In an effort to "go green", KHP has made use of virtual hardware reducing electrical, heating and cooling costs. Added security enhancements included upgrades of firewall and intrusion detection as well as VPN services to our district and zones offices which utilize private ISP services.

STRATEGIC DIRECTION AND OBJECTIVES: KHP's general strategy is to work toward attaining fully automated and integrated business systems. This includes capturing data, moving the information through electronic workflow processes with built-in data validation checks into our RMS (Records Management System) then on to state repositories as required. KHP plans to continue the move toward Web developed applications in an effort to implement more efficient business processes.

KHP is also an active participant in the statewide effort to identify standards for sharing of traffic and enforcement data. KHP is working with TRCC (traffic Records Coordinating Council) and KCJIS (Kansas Criminal Justice Information Systems) to establish data element standards for State, Local and Federal data sharing. In turn, KHP is working with local law enforcement entities and with the Kansas Chiefs of Police and Sherriff's Associations in an effort to gain support for a new, KHP developed, roadside data capturing application that will leverage new technologies such as driver's license and cab card bar coding to quickly capture data. The KLER application will help to improve data accuracy through built-in validation routines. Likewise, the ability to process reports electronically will improve efficiencies with regards to timeliness and accuracy of data.

The KLER data capturing application also includes a form designer tool, which will allow for future expansion. The KLER form designer provides data output in XML with the ability to export the form into various outputs such as workflow, PDF or database insert. This functionality allows for continued development and expanded data capturing for a variety of purposes. Since KLER also permits users to select forms packages to work from (ex. accident reports, fatality reports, arrest reports, etc.), the application lends itself to future development in other work areas (ex. records, internal accounting forms, human resource forms, etc.), allowing KHP and others to continue to progress toward a paperless environment.

Agency Architecture: KHP aligns itself well with the State Architecture. This includes but is not limited to the hardware infrastructure, Web development and XML capable data structures. KHP continues to leverage VM-Ware for hardware equipment and cost reduction, space and green efforts as well as providing redundancy servers. KHP has used a Novell backbone since inception, this is slowly changing and before the end of fiscal 2009 KHP will move to a Microsoft backbone.

Business Contingency Planning: A KHP team is in place and a business contingency plan is being evolved and updated to include pandemic situations. KHP is leading the way for law enforcement and is planning to share our plan with local, municipal, and other state law enforcement entities. Response teams of IT and business matter experts have been assigned and are in-place.

Business Process and Workflow Management: KHP's development of KLER (Kansas Law Enforcement Reporting) applications allows for roadside data capture which is then electronically submitted to a web-based Oracle workflow, thus moving the data electronically all across the state. An advantage of KLER is the development of a forms designer which enables KHP to continue development of all automated forms combined with our workflow application with insertion into Oracle enterprise database.

Collaboration Software: CVIEW is a repository of local, state and federal commercial carrier information. This application is utilized by KHP for enforcement and safety inspection purposes, while KDOR and KCC utilize this information for verification of required permits, licenses, fuel tax. Daily batched files from KHP, KDOR, KCC systems are submitted into the system and every few hours uploads and downloads occur with federal databases to provide the latest information possible to road-side enforcement officers and providers of permits and licensing.

- Also under development is the KLER (Kansas Law Enforcement Reporting) application that will allow for road-side data capturing information for accidents, arrests, and several other forms required. This application is being designed internally within KHP in a C++ environment which will require no special client software thus allowing for a no-cost deployment. This application is designed in such a way any law enforcement entity can also use it. The training and deployment of this application will begin within KHP in January 2009 and then to other law enforcement entities beginning in first quarter of 2009.

- A Civil Assessment system is utilized between KHP and KCC. This system is a fine based system for Motor carriers on safety related assessments. KCC defines the fines, KHP through Law Enforcement efforts perform and store the safety inspections and violations and when appropriate, auto-generated letters are sent out to notifying violators and KCC.

Data Storage and Administration: KHP utilizes a 10 terabyte EMC SAN using an Oracle enterprise database. Our law enforcement RMS system is the same as is the non-enforcement Image-Now records system. Current development is within Oracle and uses same storage.

Data Transfer: KHP shares Commercial Carrier, vehicle, and safety inspection information with KDOR and KCC. The data transfers are Soap wrapped XML. KHP also provides for data transfer of accident information to KDOT electronically. This will expand through 2009 to include KBI and KDOR. Internally, web services file transfers are used to move data from our forms application into our Workflow application then into our RMS.

Electronic Records Retention: KHP presently stores all electronic records information via backup tapes. Over the next couple of years KHP is planning to refine that process by utilizing a hot-site and by establishing more clearly defined rules.

E-Government: Currently KHP provides e-government services via our "crash log" posting on Accesskansas.gov. Over the next couple of years KHP is moving forward with an e-government imitative by allowing correctly redacted RMS information to be made available to businesses, citizens, State and federal entities

End User IT Security Training: KHP provides User IT security training in two formats, included in our annual In-Service training for both civilian and uniform personnel

Identity Management: KHP plans to continue evaluation of benefits of e-signature while in discussion with KCKIS on other options and benefits of secure encrypted data exchange.

IT Disaster Recovery: The KHP IT disaster plan is being updated to align itself with the pandemic situations identified in business contingency planning. One primary goal of the IT department is for "hot-site" capability for GHQ applications and our Salina Central Dispatch center.

IT Security Staff: Information regarding KHP's IT security is included within the infrastructure section. The head of the section is SAN certified. With the diversity of Security between virus, malware, spam, user authorization, application security, firewall, intrusion detection, and law enforcement sensitive information it seemed to make sense to blend it within that section

Public Key Infrastructure: None reported.

Service Oriented Architecture: KHP which in involvement with TRCC and KCJIS efforts are underway to maximize SOA where possible. Efforts are underway to become NEIM compliant for data exchange between numerous state agencies. KHP is participating in this endeavor.

Technology Infrastructure: KHP' infrastructure in located in primarily in two location, GHQ, Topeka, and Salina training academy, with most information residing with GHQ-Topeka. KHP will continue to leverage Vm-Ware to reduce server hardware and expand the use of current COTS RMS application and Oracle database.. During fiscal 2008 most of the consolidation efforts were completed and during 2009 the emphasis will be placed upon hot-spot between Topeka and Salina for disaster recovery. Currently the infrastructure is in place but needs some updating of hardware and increased bandwidth between Topeka and Salina offices. Currently underway is the planning process for upgrade from Oracle 10g to 11g.

Investigation, Kansas Bureau of (Agency #083)

BUSINESS PROGRAMS:

Investigations
Forensic Laboratory
General Services

MISSION: The Kansas Bureau of Investigation is dedicated to providing professional investigative and laboratory services to Kansas criminal justice agencies, and the collection and dissemination of criminal justice information, for the purpose of promoting public safety and the prevention of crime in Kansas.

SFY 2009 BUDGET: **$27,054,083.00**
SFY 2009 FTE: **220.0**
SFY 2008 IT EXPENDITURES: **$3,666,714.11**
WEBSITE ADDRESS: **www.kansas.gov/kbi**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.25	1.75	2.25	1.75	2.25	1
Application Maintenance and Enhancement (in-production systems)	1	.25	1	.25	1	.25
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	1.75	1.75	2.75	1.75	2.75	1.75
Data Administration, Data Analysis/Validation and Database Administration	.75	0	.75	0	.75	0
Network Engineering, Technical Management and Support	2.75	.25	2.75	.25	2.75	.25
Computer Operations, Management and Technical Support	11.5	0	11.5	0	11.5	0
Web application development and maintenance	.5	1.5	.5	1.5	.5	1.5
IT Security	.5	.5	.5	.5	.5	.5
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**20**	**6**	**22**	**6**	**22**	**6**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	146	110	80
Virtual Servers	0	1	2
Desktops	300	350	400
Desktops Replaced	80	70	80
Mobile Devices	N/A	20	50

SFY 2008 MAJOR APPLICATIONS:

Accounting System
Laboratory Qualifications and Training Tracking System
Private Investigation System
Laboratory Meth Tracking System
Laboratory Information Management System / Bar-Coded Evidence Analysis Statistics and Document Imaging System Tracking (LIMS/BEAST)
Criminal History Record Management System (NetRMS)
Kansas Incident Based Reporting System (KIBRS)
Kansas Child Abduction Recover Program (AMBER) Activation Website
Automated Fingerprint Identification System (AFIS)
Agents Time Management System
Central Message Switch (CMS)
Agent Case Management System
Agent Locator Card System
KCJIS Web Portal
Lincoln System
COALA
Personnel System
KBI Public Web Site
Offender Registration
KCJIS Administration Portal (KSmart)
Agency Intranet
OpenFox Messenger
Public Access System for Criminal History Data (PAS)
Computerized Criminal History System (CCH)
Kansas Intelligence System (KIS)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Improvement and refurbishing of HVAC in data center
- Upgraded critical components of KBI network and security infrastructure
- Network support for major staff relocations within KBI HQ
- Recovered staffing levels, reduced turnover by 15%
- Implementation of Kansas Intelligence System, an enhanced statewide intelligence system
- Implementation of remote access for handheld devices
- Replacement of agency fiscal system
- Network management improvements for laboratory systems
- Implementation of batch record check capability for Public Access System
- Development of standardized application development methodologies and processes
- Implementation of robust development and testing environments
- Planning and discovery for replacement of internal case management system and business process improvements

KCJIS accomplishments

- Phase 1 implementation of image library system to capture mugshots, scars/marks/tattoos
- Addition of non-mandatory reportable arrests to criminal history repository
- Development of standardized, XML based rapsheet
- Completed design work for automated criminal history subscription/notification system, “rapback”
- Upgraded critical components of KCJIS network and security infrastructure
- Initial deployment of 2 finger biometric identification device (RapID)
- Deployed local agency access to AFIS image archives
- Completed rollout of Central Message Switch Client system to all criminal justice agencies statewide
- Standardized methods and agreements for connecting to KBI network services (AFIS/Livescan/RapID/image archives, Kansas Intelligence System, etc)
- Development of an automated interface for capturing Kansas Disposition Reports from the Kansas Prosecutor System
- Development of new Offender Registration enhancements, including realtime public access and new mapping capabilities
- Message Switch and Message Switch client enhancements in support of federal CJIS updates
- 29,208,634 transactions process through the state Central Message Switch in support of law enforcement and criminal justice agencies throughout the state.

- 9,171 active KCJIS users, an increase of 617 over previous year.
- 1,730 participating KCJIS agencies, an increase of 30 agencies over previous year.
- 6,394 devices connected to KCJIS, an increase of 628 over previous year.

STRATEGIC DIRECTION AND OBJECTIVES:

- Continually improve existing applications and develop new applications as necessary to support internal and external needs and legislative requirements, balancing agency needs with the needs of KCJIS business partners and customers. Improve data quality and timeliness by integrating systems and, where appropriate, developing real-time interfaces utilizing Enterprise Service Bus (ESB) technologies. Maintain alignment with federal standards (NIEM,GJXDM) and federated data repositories where appropriate (NDEX, RISSNet, NVPS).

- Continue efforts for workforce automation, focusing on the utilization of collaboration, content and workflow management technologies to facilitate rapid application development and deployment.

- Maintain a secure, highly available, and high performing network infrastructure to support internal operations and KCJIS business partners and customers. Consistently renew and refresh technical resources, retire obsolete systems, and assess those critical systems that require highly available architecture. Provide state-wide, mission-critical, technical and help desk support 24x7.

- Continually explore new technologies that will allow the agency to implement effective technical solutions as efficiently as possible.

- Maintain a productive and efficient staff by continually promoting a team atmosphere, delivering targeted training, providing growth opportunities where possible, and continually reviewing workload for appropriate alignment of responsibilities.

Agency Architecture: The KBI has no deviations from state technical architecture.

Business Contingency Planning: The KBI has a business contingency plan. It is slated for review in FY10.

Business Process and Workflow Management: The KBI currently utilizes work flow management software in the records division for the capture and routing of paper-based criminal history information. Economies of scale recently recently made it possible to purchase an enterprise license for the software and it is intended that it will be used for all work flow management applications going forward.

Collaboration Software: The agency currently utilizes Microsoft Exchange and Microsoft Office 2003/2007. We are utilizing cost-effective Windows Sharepoint Services for project collaboration. In the next 3 years we anticipate a dramatic shift to collaboration applications using Exchange 2007, Office 2007, and Microsoft Office Sharepoint Server, developing fewer applications based on ‘rigid’ data and more applications based on adhoc data.

Data Storage and Administration: The agency continues to leverage the fiber channel SAN technology that was implemented in 2007, balancing it with server attached storage where appropriate. In the coming 3 years we anticipate expanding the use of SAN technology for email archiving and disaster recovery.

Data Transfer: The KBI maintains the state of Kansas Central Criminal History Repository and also administers KCJIS, a system utilized by over 9000 users in 1700 criminal justice agencies across the state, and by over 300,000 criminal justice users worldwide. The central repository and KCJIS implement data sharing interfaces with key criminal justice partners such as KDOC, KDOR, county prosecutors and district courts, and makes public record information available to the general public. In the coming years the KBI will continue collaboration with criminal justice

partners to expand existing interfaces, add new interfaces. The agency will work with the newly formed Traffic Records Coordinating Council to provide seamless access to integrated criminal justice and traffic records data.

Electronic Records Retention: In FY08 the agency revised its records retention policy to include electronic records.

E-Government: Current and planned initiatives:

- 2008 – Rapback or Subscription/Notification, a method by which criminal justice agencies or businesses may be notified when new criminal history activity has been received for an individual.
- 2008 – Deployment of 2 finger identification devices that can be used by law enforcement, corrections, courts, and other criminal justice agencies for rapid identification of suspects, prisoners, unidentified remains, etc.
- 2009 – An upgraded Central Message Switch will provide intra and inter-state criminal justice agencies access to rich content such as driver's license photos and mugshots.
- 2010 – Fully revised KCJIS web portal with new, robust content and customizable portal features.

End User IT Security Training: As of this writing the KBI does not routinely provide user security training, however training is scheduled to be developed by end of FY09 and will be delivered annually thereafter.

Identity Management: The KBI utilizes both digital certificates and RSA dual-factor authentication on the KCJIS network. The KBI is a Certificate Authority, issuing certificates to KCJIS business partners and customers to authenticate approved KCJIS devices to the network. Certificates are used neither for signing documents nor for conducting financial business.

KCJIS users accessing the KCJIS web portal or utilizing one of the approved software products for interacting with the state's Central Message Switch are issued RSA tokens to be used for authentication.

IT Disaster Recovery: The agency has Level 1 (localized in the data center) disaster recovery plans for all mission critical systems. RAID arrays, high-availability clusters, redundant servers, spare parts, and tape backups are all fundamental components of the Level 1 recovery plan. Level 2 recovery plans (data center relocation) are in place for the KCJIS Central Message Switch (CMS), the agency's most critical system. The CMS recovery hardware and location will be refreshed and tested in FY09. Also in FY09 the agency will establish level 2 recovery plans for the Automated Fingerprint Identification System.

IT Security Staff: The KBI has two positions primarily dedicated to agency and KCJIS information security and security administration.

Public Key Infrastructure: The KBI utilizes both digital certificates and RSA dual-factor authentication on the KCJIS network. The KBI is a Certificate Authority, issuing certificates to KCJIS business partners and customers to authenticate approved KCJIS devices to the network. Certificates are used neither for signing documents nor for conducting financial business.

Service Oriented Architecture: The KBI is developing service layers for many of its data sources, with the ultimate goal of having services utilized not only internally, but also for all of our inter-agency transfers and for many of the KCJIS services.

Technology Infrastructure: The KBI makes a best effort attempt to budget hardware replacement on a predefined schedule, the exact schedule varying from 5-10 years depending on the hardware under consideration. In FY2007 state general funds were made available to begin the scheduled replacement of core KCJIS components. The funding was discontinued in FY2008 and FY2009, but assuming funding is available, over the next 3 years the KBI expects to:

- Upgrade critical servers used for KBI and KCJIS activities
- Add redundancy to core network switches utilized by both KBI and KCJIS
- Expand Storage Area Network to accommodate the ever-increasing growth of the central repository and various agency applications, and to facilitate disaster recovery needs
- Deploy SQL2008, Windows 2008, Office 2007, and Vista
- Migrate remaining applications and data from an aging AS400 system to traditional server platforms, retiring the AS400

Juvenile Justice Authority (Agency #350)

BUSINESS PROGRAMS:
Prevention, Community Programs, and Facility Operations
Administration

MISSION: Assist youth to become successful and productive citizens by providing leadership and support to prevent youth from becoming involved in the juvenile justice system; provide community supervision for youth who are involved in the juvenile justice system; provide safe, humane and restorative confinement of youth to enhance public safety; and, promote public safety by holding youth accountable for their behavior and improve the ability of youth to live productively and responsibly in their communities.

SFY 2009 BUDGET: **$104,477,559.00**
SFY 2009 FTE: **627.50**
SFY 2008 IT EXPENDITURES: **$431,268.12**
WEBSITE ADDRESS: **http://jja.state.ks.us**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	.3	1	.3	1	.3	1
Application Maintenance and Enhancement (in-production systems)	2.2	1.2	2.2	1.2	2.2	1.2
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	1.5	.9	1.5	.9	1.5	.9
Data Administration, Data Analysis/Validation and Database Administration	0	1	0	1	0	1
Network Engineering, Technical Management and Support	1.1	0	1.1	0	1.1	0
Computer Operations, Management and Technical Support	.9	1.9	.9	1.9	.9	1.9
Web application development and maintenance	.2	.1	.2	.1	.2	.1
IT Security	.8	0	.8	0	.8	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**6.9**	**6.1**	**6.9**	**6.1**	**6.9**	**6.1**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	60	36	8
Virtual Servers	0	2	6
Desktops	400	475	450
Desktops Replaced	125	125	125
Mobile Devices	35	60	100

SFY 2008 MAJOR APPLICATIONS:
Juvenile Justice Intake and Assessment Management System (JJIAMS)
Juvenile Information Folder (JIF)
Purchase of Service Management (POSsuM)
Community Agency Supervision Information Management System (CASIMS)
Juvenile Correctional Facility Software (JCFS)

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The JJA IT Division focuses on supporting Juvenile Justice Information System (JJIS) applications and non-JJIS agency information technology services for JJA staff.

STRATEGIC DIRECTION AND OBJECTIVES: JJA is currently moving forward with consolidating the applications that our community and business partners use to serve the youth of Kansas. This consolidated application will improve data quality, support for changes to business rules, support for user requested enhancements, and an expansion of reporting resources to impact management information, performance measurement and availability of public information on our agency website. JJA strives to improve support for end users of JJIS application, thus will create and / or improve user reference manuals and will implement a structured training resource for the JJIS user community.

Agency Architecture: JJA uses Win-tel platforms and develops its business applications using standard development languages

Business Contingency Planning: JJA continues to monitor the needs of our business processes and how the contingency plan relates to the continued function of the agency in the event of a disaster. Currently each member of the executive staff for JJA has a copy of the plan at their home.

Business Process and Workflow Management: JJA is currently researching the benefits of business process and workflow management.

Collaboration Software: JJA uses Novell GroupWise, Leader-contracted conference calling, IP video conferencing, and WebEx web conferencing, the latter mainly for delivering Helpdesk services.

Data Storage and Administration: Currently our organization is storing a wide array of information in two basic categories: In-House data and External Data. Our In-House data consists of our document imaging solution, accounting databases, employee time and leave database, and various small applications to manage our population. Our external data consists of all of the data from our external applications and contains all of the relevant information about all juveniles that have been in our custody. Our In-House data consumes approximately 30 GBs of physical storage space. Our External Data consumes approximately 15 GBs of physical storage space. The majority of our data is stored in MS SQL Server 2000 databases and is accessed through either our in-house applications, external applications, or directly. Administration is done through either the applications themselves or through SQL Server.

Data Transfer: Currently, we are utilizing paper, ftp, email, and asp / xml web services for the majority of our data transfers. Primarily, most of our data is transferred via paper and email, though we do provide some data to our 3rd party providers via ftp. Juvenile intake information is processed from the individual judicial districts to us at the central office by means of an XML -> ASP data transfer broker service, developed in house. Our accounting and employee time and leave data in manually transferred into the states accounting system by means of re-keying our existing information as we currently have no practical means of extracting the data from our systems and transforming to conform with the state's general accounting systems (SHARP and STARS). We receive invoices from our providers in spreadsheet form by email and those get re-keyed into our internal provider payment system, which then gets re-keyed into our internal accounting application, which finally gets re-keyed into the state's general accounting system.

Electronic Records Retention: JJA along with complying with state standards revolving around electronic records retention is continuing to develop internal processes and policies.

E-Government: JJA increasingly uses the web to deliver information to our partners, customers, stakeholders, and Kansas citizens. JJIS uses secure web connections, either in the form of web-enabled interfaces for certain functions (e.g., searching, uploading to, or downloading from central data stores), or as entire data-driven web-applications, to capture and transmit data, and to share information. As future development of JJA systems occur, all data delivery and gathering requirements will be delivered through the web.

On September 2, 2008 JJA will go live with a new website. Beginning in June of 2008 JJA purchased a content management system from INK. This will allow JJA staff to easily management web content. This will also brand JJA behind the Kansas.gov "look and feel."

End User IT Security Training: JJA over the past year has hired a new training director to develop training to cover many aspects of the agency including working with IT staff to update and maintain IT security training. JJA is exploring the possibility of partnering with SRS to use the learning management system Pathlore. This will allow for JJA to easily track what trainings have been completed by what staff.

Identity Management: JJA is continuing to research Identity management solutions.

IT Disaster Recovery: JJA continues to review its policies and develop a functional action plan to continue our business objectives in the event of disaster. Over the next year JJA will begin the process of implementing two SAN devices. One will be located in the Central Office and one will be located offsite at our Topeka facility. The goal is to have critical systems replicated to the offsite location.

IT Security Staff: JJA has an Information Technology Security Analyst position. This individual is the lead worker in managing fire wall policies and developing agency security policies.

Public Key Infrastructure: JJA is currently not pursuing a PKI solution.

Service Oriented Architecture: With the plan to move ahead with application consolidation JJA will follow the standards set forth in the State of Kansas Strategic Information Management Plan.

Technology Infrastructure: JJA over the last 12 months has completely moved to Windows XP. We have also taken further steps to move away from Novell. Currently the only remaining Novell product we are utilizing is GroupWise 7. We will be migrating GW7 from Netware to Windows. JJA will also be moving into the virtual world utilizing VMware. This is the beginning process of JJA moving towards a disaster recovery warm site.

Parole Board (Agency #523)

BUSINESS PROGRAMS:
Parole from Adult Correctional Institutions

MISSION: Parole privilege shall be extended to those offenders who demonstrate suitability by having served incarceration time set forth by the courts and who have demonstrated a reduction in risk to re-offend such that re-victimization is minimized and rehabilitation and successful reentry are maximized; similarly, parole privileges shall be rescinded in cases where an offender demonstrates increasing risk in the community.

SFY 2009 BUDGET: **$511,571.00**
SFY 2009 FTE: **3.0**
SFY 2008 IT EXPENDITURES: **$6,102.19**
WEBSITE ADDRESS: **http://www.dc.state.ks.us/kpb**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	1	1
Virtual Servers	0	0	0
Desktops	6	3	3
Desktops Replaced	0	0	3
Mobile Devices	0	3	3

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Kansas Parole Board, as an IT customer of the Department of Corrections, is monitoring the progress of the Kansas Department of Corrections in its evaluation of the functionality of their current IT system. It is our hope that, as a customer, we will be included in functional need specification exercises as this project moves forward.

The agency has, though the Department of Corrections, obtained a "@kpb.ks.gov" email address setting the agency apart as a distinct and separate agency from the Department of Corrections.

STRATEGIC DIRECTION AND OBJECTIVES: The Kansas Parole Board, as an IT customer of the Department of Corrections, maintains involvement to the extent possible in the Department of Corrections' proposed system-wide IT changes by identifying methods in which our agency information is captured and utilized.

The Kansas Parole Board hopes to eventually update video teleconferencing equipment utilized in parole hearings when similar high definition equipment is being considered for purchase by the Department of Corrections.

The agency has as its overarching strategy the desire to continually enhance information sharing and the clear, effective and efficient exchange of information.

Agency Architecture: The Kansas Parole Board's agency architecture is subsumed under that of the Department of Corrections.

Business Contingency Planning: All records generated by the Kansas Parole Board are kept in the Department of Corrections' files. The Kansas Parole Board will work with the Department of Corrections to ensure the ability to continue business in the event of a disaster.

Business Process and Workflow Management: None reported.

Collaboration Software: The Kansas Parole Board uses the messaging, email and intranet services provided by the Department of Corrections to conduct business.

Data Storage and Administration: The Kansas Parole Board works with the Department of Corrections and the Kansas State Archival Collection repository to store electronic records.

Data Transfer: None reported.

Electronic Records Retention: All records generated by the Kansas Parole Board are kept in the Department of Corrections files; as such we are again a customer of the services provided by the Department of Corrections.

E-Government: The Kansas Parole Board provides access to the monthly public comment session on the Internet website hosted by the Department of Corrections.. The Board uses the KDOC Intranet website to post parole decisions. No direct costs or revenues are expected.

End User IT Security Training: The Kansas Parole Board relies upon the Department of Corrections for End-User IT Security Training.

Identity Management: The Kansas Parole Board relies on the Department of Corrections' IT services in this domain.

IT Disaster Recovery: All records generated by the Kansas Parole Board are kept in the Department of Corrections' files. The Kansas Parole Board will work with the Department of Corrections to ensure the ability to continue business in the event of a disaster. Agency employees will be required to back-up information on their personal computers bi-monthly and are encouraged to maintain as much information as possible on servers with routine back-up schedules.

IT Security Staff: The Kansas Parole Board continues to work with the Department of Corrections to utilize the services provided by their IT Security Staff.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Sentencing Commission, Kansas (Agency #626)

BUSINESS PROGRAMS:

General Business Implementation and Administration

MISSION: The mission of the Kansas Sentencing Commission is to develop post-implementation monitoring procedures and reporting methods to evaluate guideline sentences; to advise and consult with the Kansas Secretary of Corrections and members of the Kansas Legislature in developing a mechanism to link guidelines sentencing practices with correctional resources and policies which includes the review and determination of the impact of the sentencing guidelines on the state's prison population; to consult with and advise the Legislature with reference to the implementation, management, monitoring, maintenance and operations of the sentencing guidelines system; and to make recommendations to the Legislature relating to modification and improvement of the Kansas Sentencing Guidelines Act.

SFY 2009 BUDGET: **$10,103,797.00**
SFY 2009 FTE: **10.0**
SFY 2008 IT EXPENDITURES: **$38,225.63**
WEBSITE ADDRESS: **http://www.kansas.gov/ksc**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	.2	0	.25	0	.25
Application Maintenance and Enhancement (in-production systems)	0	.3	0	.3	0	.3
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	.5	0	.5	0	.5
Data Administration, Data Analysis/Validation and Database Administration	0	3.5	0	3.5	0	3.5
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	.1	0	.1	0	.1
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**4.6**	**0**	**4.6**	**0**	**5.25**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	1	2	3
Virtual Servers	0	0	0
Desktops	22	22	25
Desktops Replaced	4	4	5
Mobile Devices	1	2	2

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

Reorganization of agency website
In 2006, the agency's website was reorganized to correspond with State of Kansas logo and checked for ADA compliance.

Acquired additional licenses for imaging of historical grant documents, journal entries of judgment forms, probation revocation journal entry forms, nunc pro tunc orders and the like

Increased license from 10K to 30K per month, thus increasing capacity for imaged documents. Includes coordination with, and asset use, of the Department of Corrections' imaging storage system. License for imaging documents was secured with past administrative grant funding and paid through the Kansas Sentencing Commission. This is an electronic records retention project.

Acquired capabilities to perform crime-based mapping

The agency purchased ARC-GIS and is in the process of trying to learn the analysis necessary to produce density mapping which can then be applied to items guided by the statute directing the work of the Commission. Some examples of such work include mapping of sentences imposed, producing such maps controlling for population density, mapping of sentencing departures and controlling for the number of sentences imposed by judicial district, mapping the number of and the density of specific types of crimes of convictions (e.g., violent crimes, drug crimes, probation revocation rates resulting in incarceration, etc.). Initial training has been attended by our two most senior analysts. Use of this software has occurred in Kansas Sentencing Commission's Annual Report, analysis of SB123 offenders and various other analysis projects.

Developed database for tracking legislative bill impact processing within agency

The agency has been tracking multiple requests for the adult or juvenile incarcerated population impacts using multiple, separate spreadsheets**.** During FY 2007 we moved this to a single point of entry and report generation in Access and migrated the application to a SQL server.

The agency inventoried all software, determined licenses that had expired and updated such licenses, and upgraded software and licenses as recommended by DISC.

STRATEGIC DIRECTION AND OBJECTIVES: The next IT project that the agency will undertake is an ***integration into KCJIS (Kansas Criminal Justice Information System)*** such that the Sentencing Commission would receive journal entry of judgment forms via a "data push" from the document originator (rather than the current paper-based process). This document originator is in some jurisdictions the Court and in other jurisdictions the Prosecutor. By doing so, the Sentencing Commission will receive information from Full Court and from the Prosecutor's system. **Updated all required IT licenses**

Eventually, should the Full Court and/or the prosecutor's system include additional documents presently entered manually by Commission staff, such as probation revocation journal entries, nunc pro tunc orders, and the like, we envision a "data push" of these documents as well.
Cross-agency and joint application development parties involved in this initiative include the Kansas Bureau of Investigation, the Office of Judicial Administration, individual level Courts, individual jurisdictions' prosecutors offices, the Department of Corrections, and others falling under the KCJIS umbrella. This project is ongoing.

With regard to the *Treatment Providers Payment System (TPPS) for 2003-SB 123 administration:*

A. The agency envisions continuing collaboration with DISC, the Department of Corrections, and Community Corrections in the development of enhanced data integrity checks and improved ad hoc reporting capabilities.

B. The agency migrated to a SQL server to enhance capabilities and improve data access within the system.

Agency Architecture: This agency implements procedures at the suggestion of DISC as they are within existing agency budget.

Business Contingency Planning: We have full backups of the server being taken off-site each day and all user files are being stored in the respective folders on that server.

Business Process and Workflow Management: The agency anticipates continuing collecting and utilizing the same information (journal entries, presentencing investigation reports, and billing information) as in the past.

Collaboration Software: Continue to integrate with some of the systems from KDOC; working toward including some integration under the KCJIS umbrella with KBI, Courts, Prosecutors system and KDOC. KCJIS and KDOC will coordinate this process. KDOC will receive the data from KCJIS/KBI and convert it into and XML format. The file will then be transferred to KSC and imported into SPSS for data compilation.

Data Storage and Administration: We have moved from a simple peer-to-peer network structure to central servers over the past three years. Initially our server contained only the internal redundant drive – we now have a second server for redundancy. We run two primary lines of business – each with its own database – adult felony sentencing journal entries and probation revocation journal entries (over 13,000 per year), and payments to 2003-SB 123 certified treatment providers (approximately 18,000 payments per year).

Data Transfer: We share data between KDOC, KCJIS and the various branches of government.

Electronic Records Retention: We have an imaging scanning station that places imaged documents into a section of space allowed to us by KDOC. Into this system we are imaging historical grant documents, treatment invoices, and journal entries of sentencing (see above*).*

E-Government: N/A] There are no current forms online that provide electronic access and interaction with our agency. Data requests come to KSC in the form of an e-mail or letter, and are then evaluated to provide the requestor with information based on the guidelines set forth by the Kansas Open Record Act.

End User IT Security Training: Currently our agency does not provide end user IT security training.

Identity Management: None reported.

IT Disaster Recovery: Our backup files are stored off site on a rotating basis – first at the Department of Corrections central office (900 SW Jackson St.) then at Topeka Correctional Facility. In the event of a disaster, we anticipate having access to our data and information from at least one, if not both, of these remote locations.

IT Security Staff: Our agency does not have any IT staff, we refer to DISC for guidance and advice. The agency follows the protocals prescribed by DISC.

Public Key Infrastructure: Presently, KSC does not use any form of electronic signature and does not have access to PKI. The agency will be working with DISC, their e-mail provider, to provide interagency encryption.

Service Oriented Architecture: None reported.

Technology Infrastructure: If the size of our data requirements continued to grow, we needed to scale up to a SQL server to handle the volume. The SQL server has been purchased and will serve as a database environment for both the KCJIS information, being passed through KDOC, and the TPPS database. This server was put into production during 2008.

Agriculture, Department of (Agency #046)

BUSINESS PROGRAMS:

Food Safety and Consumer Protection
Environmental Protection
Administrative Services and Support
Water Resources
Agricultural Laboratories

MISSION: Achieve the department's vision by administering the laws and programs assigned to the department in an effective and efficient manner, and provide leadership to benefit agricultural and rural Kansans so they can contribute to the health and prosperity of the entire state.

SFY 2009 BUDGET: **$28,274,388.00**
SFY 2009 FTE: **354.49**
SFY 2008 IT EXPENDITURES: **$1,013,279.52**
WEBSITE ADDRESS: **http://www.ksda.gov**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1.7	.3	1.7	.3	1.7	.3
Application Maintenance and Enhancement (in-production systems)	.9	0	1.9	0	1.9	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	2.4	0	2.4	0	2.4	0
Data Administration, Data Analysis/Validation and Database Administration	1.1	0	1.1	0	1.1	0
Network Engineering, Technical Management and Support	.8	0	.8	0	.8	0
Computer Operations, Management and Technical Support	1.8	0	1.8	0	1.8	0
Web application development and maintenance	1.5	0	1.5	0	1.5	0
IT Security	.8	0	.8	0	.8	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**11**	**.3**	**12**	**.3**	**12**	**.3**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	27	39	42
Virtual Servers	0	1	4
Desktops	401	434	450
Desktops Replaced	133	125	135
Mobile Devices	40	50	65

SFY 2008 MAJOR APPLICATIONS:
Registration, Enforcement, and Compliance System (RECS)
Water Rights Information System (WRIS)
Water Structures Inventory (WSI) System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Continued implementation of our expanded on-line license renewal program in partnership with Kansas.gov
- Implemented an internal risk assessment tool set to monitor systems
- Upgraded the email system to the latest release
- Implemented a new mobile device VPN product to encrypt agency traffic when off-site
- Established local data hosting service in our regional water offices
- Groundwork has be established and work started in developing an agency wide Continuity of Operation Plan (COOP).
- Planning and implementation of the transfer from KDHE to KDA; Retail Food and Lodging inspections programs
- Creation and implementation of a centralized Open Records Request Tracking System
- Purchased a Electronic Document Management and Work Flow System
- WIMAS 9.2, Geo-WSI and Quad Finder toolbars for ArcGIS deployed to all of DWR.
- CREP database built with web page deployed for DWR, SCC and FSA to facilitate use.
- Established coordination with KS Dept. of Commerce where KDA now updates the Ethanol and Biodiesel Plant Activity map each month.

STRATEGIC DIRECTION AND OBJECTIVES: The IT division is continuing to improve the service partnership with the divisions it servers. Progress in this direction is so far has been on improving security, functionality and reliability in the products and services offered out of IT. Work continues in matching up the business needs with the potential technology solutions available to make processes more efficient and cost effective. Focus on standardized industry proven technology mixed with emerging technology is providing the agency with a greater base foundation of hardware and software to grow upon as other needs emerge. Stronger enforcement of agency level application solutions over department level solutions is also providing great benefits.

Agency Architecture: KDA systems and applications comply with the state architecture guidelines and will be improving as funds allow.

Business Contingency Planning: At this time the agency does not have a published plan. Existing emergency plans are being utilized. Currently there is a committee formed and a project is underway to ensure a comprehensive plan is developed within this upcoming budget year.

Business Process and Workflow Management: KDA is in the process on implementing a new software package that will be improving our current work processes and manage the workflow throughout the agency.

Collaboration Software: Intra-agency collaboration efforts are done through electronic news letters, email and email groups, internal and restricted web portals, desktop application sharing software and network drive shares. The agency is also utilizing computer desktop sharing software to improve teleconference productivity and reduce travel.

Data Storage and Administration: The agency stores the data required to operate the agency on hard disk drives for electronic data and file cabinets for paper data. It is backed up to tape or micro fish for recovery and archival purposes. Currently the agency manages multiple terabytes of data stored in documents, databases, scanned files and paper documents.

Data Transfer: Section 6 of this document outlines what data is being shared. Many processes today still include a paper exchange of reporting information. The agency is moving to automate many of these data exchanges to be electronically gathered and sent through an automated reporting process.

Electronic Records Retention: Current hard-copy retention services and directives are implemented and are working appropriately. A current process on electronic mail retention is being improved to ensure its effectiveness. The agency will continue to work towards a working solution for all electronic records. The recent implementation of an Electronic Document Management System will also aid in retention and recovery processes.

E-Government:

Complaint Form: KDA has added a new complaint form to the website to enhance communication with the public. This form gives the user the ability to be anonymous, or request a follow-up on their complaint if they choose not to be anonymous.

Starting a Food Business in Kansas: Detailed web pages were created explaining the processes of starting either a retail food store, food service establishment, or processing plant in the state of Kansas.

Virtual Kitchen: The educational online feature allows users to interact with the screen by panning around and clicking on items that displays food safety facts.

Newsletter/Email blast module: This module has been updated to include mass email uploads in a cvs file format, create email groups, provides reports on out-bound emails, and five defined templates.

Dynamic online form creation: Employees have the ability to create online forms with little to no web experience. The forms include standard form elements and templates.

Dynamic creation of e-learning modules: Employees have the ability to create online training courses. Online courses have an user interface and an instructor interface. Organizational structure for the user interface includes a table of contents, orientation, support, lessons, practice level and test/quiz sections. The instructor interface is similar to the user interface in addition to includes the ability to create course with little to no web experience, and provides grading capabilities.

Interactive Maps for Streamflow & Well Monitoring networks: Users can click on any measurement site and retrieve the measurements history associated to that site. Employees can add or delete sites with little to no web experience. Map includes different geographical layers such as cities, roads, streams, water bodies, districts, aquifers and alluviums. Map also has Zoom capabilities.

Well Monitoring Network: The feature allows the public to query well measurement sites by Well Id, Basin, County, Location, Township, Range and Section with the option to export into Excel. It also provides a hydrograph of those measurements.

Streamflow Monitoring Network: The feature allows the public to query streamflow measurement sites by Site Id, Basin, County, Location, Township, Range and Section with the option to export into Excel. It also provides a hydrograph of those measurements.

Food Safety online inspections: The public can query Food Safety inspection reports. With the transfer of duties from KDHE to KDA, restaurants, schools, senior medical sites, mobile food units and lodging facilities are added to the category listing to be queried.

Statutes and Regulations module updates: Modular updates to extend usability include the ability to assign a statute or regulation to more than one program portal and display them in ABC order.

News module updates: Modular updates to extend usability include the ability to assign a media release to more than one program portal.

Document Center module updates: Modular updates to extend usability include the ability to assign a document to more than one program portal, upload and play audio files, and display them in ABC order.

End User IT Security Training: KDA does provide end user training but the process in which it is being done is currently being revised and improved. Currently staff are receiving a review when they are hired and annually for field service staff in conjunction with their systems being reviewed and updated.

Identity Management: KDA has implemented various identity verification processes and products. For security reasons we would prefer not to disclose the technology implemented in an open records document.

IT Disaster Recovery: At this time the agency is currently updating its current documentation as part of the COOP development the agency is undergoing. The IT recovery process is tightly linked to the decisions set forth in the business contingency plan.

IT Security Staff: KDA requires all IT staff to take a role in the security of the systems and services in which they support. We do not have one individual dedicated to this role currently as budget resources are limited. The agency is considering this as an enhancement request along with other agency needs.

Public Key Infrastructure: None Reported

Service Oriented Architecture: KDA has implemented has many systems that utilize the principles of SOA. Some are very basic where a couple has tighter linkages. The focus on utilizing more of the design framework outlined in SOA has not been a specific goal; but more of an inherent principle of our agency in linking and reutilizing system to reduce overhead.

Technology Infrastructure: The agency does not have any specific technology infrastructure upgrade initiatives. As funding allows we will continue to replace existing equipment as it ages out in our rotation plan.

Animal Health Department, Kansas (Agency #055)

MISSION: To ensure the public health, safety and welfare of Kansas' citizens through prevention, control and eradication of infectious and contagious disease and conditions affecting the health of livestock and domestic animals in the state of Kansas; to regulate facilities that produce, sell or harbor companion animals and enforce the laws governing such facilities; to direct an effective brand registration and inspection program to identify ownership of lost or stolen livestock and to inform the public of the status of the health of livestock in the state to promote understanding and gain public assistance in achieving this mission.

SFY 2009 BUDGET: **$2,800,855.00**
SFY 2009 FTE: **33.0**
SFY 2008 IT EXPENDITURES: **$49,386.45**
WEBSITE ADDRESS: **http://www.kansas.gov/kahd**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	2	2	2
Virtual Servers	0	0	0
Desktops	18	18	18
Desktops Replaced	0	1	16
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS: We have two DELL Servers with AD and have split to SQL server backend with Access front end applications.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The agency worked with DISC Small Agency Support Group to install 2 servers that will provide data backup and give the agency domain functionality. We also upgraded all of our PC's to Windows XP and Microsoft Office Pro Plus 2007 for added security; converted work group to active directory domain; update database to SQL server and MS Access; combine different areas of agency job functions to provide cooperative work efforts.

Our agency is a Windows platform with Microsoft Server 2003 with active directory in a domain structure.

STRATEGIC DIRECTION AND OBJECTIVES: None reported.

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: Word documents pertaining to daily business, licensing information, agency budget, etc. We have a licensing database that stores licensee information including their social security numbers only if they provide them to us. This is not a requirement.

Data Transfer: DISC Small Agency Support assists us with providing licensee social security information to the Department of Revenue when requested. This is sent to the Department of Revenue on a disc.

Electronic Records Retention: None reported.

E-Government: None reported.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Conservation Commission, State (Agency #634)

BUSINESS PROGRAMS:

Water Resources Cost-Share Program
Kansas Water Quality Buffer Initiative
State Aid to Conservation Districts
State Assistance to Watershed Dam Construction
Land Reclamation Program
Non-Point Source Pollution Control Program
Riparian and Wetland Protection Program
Multipurpose Small Lakes Program
Water Rights Purchase Program
Watershed Planning Assistance Program

MISSION: The State Conservation Commission administers conservation programs designed to enable local entities and individuals to protect and enhance Kansas' natural resources.

SFY 2009 BUDGET: **$15,730,447.00**
SFY 2009 FTE: **14.0**
SFY 2008 IT EXPENDITURES: **$25,703.55**
WEBSITE ADDRESS: **http://www.scc.ks.gov**

IT Profile: This agency has no dedicated IT staff.

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	0	0	0	0	0	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**0**	**0**	**0**	**0**	**0**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	4	5	5
Virtual Servers	0	0	0
Desktops	16	16	16
Desktops Replaced	1	3	3
Mobile Devices	4	4	4

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In FY 2008 the SCC continued with the enhancement and maintenance of the Cost-Share and Information Management System (CSIMS). The agency upgraded security of the agency website and continues to add features for users. Seven PC workstations were upgraded in FY 2008.

STRATEGIC DIRECTION AND OBJECTIVES: Continue development and implementation of IT design and implementation that addresses current and future IT needs of the SCC with a focus on effective and efficient program delivery and administration.

The SCC plans for staff computer upgrades annually to maintain functioning systems and to keep up to date with developing technology. The agency's computer upgrade plan forecasts upgrading up to 20% of its systems each year to maintain current technology and system reliability. In FY 2008 seven computers were upgraded. The remaining desktops were upgraded in FY 2007. The agency plans no desktop upgrades in FY 2009. The SCC will continue to fund CSIMS database maintenance and enhancement to increase reliability and performance of the agencies core function of cost-share contract processing. Annual maintenance and licensing costs on all 20 SCC computer systems will also be addressed on an as needed basis. The SCC will also investigate the installation of wireless internet and intranet services in the building. An annual Oracle maintenance payment is estimated at $3,600 for FY 2009-2010. A new SCC web server used to support CSIMS will be purchased in FY 2010 as the current web server will be outdated and out of warranty. The cost of the web server replacement is $4,500. Also in FY 2009, the SCC will is replacing a five year old main server/domain controller and storage at a cost of $5,600.

In FY 2009 and FY 2010, the SCC will continue to contract with Webelan for continued maintenance and enhancements of the CSIMS system. Funding for future annual maintenance and enhancement of CSIMS is budgeted in the FY 2010 budget at $80,000. FY 2009 funding is $80,000. The SCC will in future years begin planning the replacement of the Filepro applications currently used by budget staff for agency financial operations. The SCC may upgrade 20% of its 20 computer systems in FY 2010. The agency's computer upgrade plan forecasts upgrading 20% of its systems each year to maintain current technology and system reliability estimated at $3,000. Additionally current services budget requests will address annual management and technical network and server support provided by KDA at a cost of $11,000. Annual software and license maintenance costs are estimated at $3,600 for FY 2010.

Agency Architecture: SCC operations are conducted using a Microsoft environment. Filepro applications are used by fiscal staff. Other MS applications are used by agency staff.

Business Contingency Planning: The SCC does not have a published Business Contingency Plan. The SCC relies on the KDA Information technology staff for assistance with restoring electronic communications and accessing archived data stored electronically. Cost-share processing can occur with paper contracts and US mail if required.

Business Process and Workflow Management: The agency is investigating document imaging and management software.

Collaboration Software: No interagency collaboration is anticipated.

Data Storage and Administration: The agency stores the data required to operate the agency on hard disk drives for electronic data and file cabinets for paper data. It is backed up to tape or micro fish for recovery and archival purposes. Currently the agency manages multiple terabytes of data stored in documents, databases, scanned files and paper documents

Data Transfer: Data sharing is occurring between the SCC fiscal and cost-share units. Daily batch processing of cost-share payments occurs between the SCC and DISC.

Electronic Records Retention: The SCC has no current plans for electronic records retention.

E-Government: The SCC has increased the electronic access to business documents and agency program related information through the use of web-site posting of these documents in FY 2007 with the release of the new agency web site.

End User IT Security Training: No end user IT security training has been provided and no plans to do so.

Identity Management: The SCC currently has no electronic signature functions and no current plans for other cryptography based solutions.

IT Disaster Recovery: The SCC is working with KDA on contingency planning. Currently, the KDA IT staff back-up data daily on tape. The KDA IT staff is negotiating with Department of Aging to move SCC data tapes monthly to their storage facility. Additionally, daily critical data are moved off site daily to KDA's Forbes location. The SCC does not have a published IT disaster recovery plan. The SCC relies on the KDA IT staff for this requirement.

IT Security Staff: The SCC does not have any IT security staff and has no plans to procure staff. The agreement with KDA addresses SCC IT security. The SCC has adopted the Kansas Department of Agriculture Information Technology Security Policy (KDA 2001-01) dated February 20, 2001.

Public Key Infrastructure: None reported.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Fair, Kansas State (Agency #373)

BUSINESS PROGRAMS:
Operations Maintenance

MISSION: To promote and showcase Kansas agriculture, industry, and culture; create opportunity for commercial activity; and provide an educational and entertaining experience that is the pride of all Kansans.

SFY 2009 BUDGET: **$6,684,896.00**
SFY 2009 FTE: **24.0**
SFY 2008 IT EXPENDITURES: **$46,668.44**
WEBSITE ADDRESS: **http://www.kansasstatefair.com**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	0	1	0	1	0
Application Maintenance and Enhancement (in-production systems)	8	0	8	0	8	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	0	0	0	0	0	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	1	0	1	0	1	0
Web application development and maintenance	8	0	8	0	8	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**8**	**0**	**8**	**0**	**8**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	2	2	2
Virtual Servers	1	1	1
Desktops	43	43	43
Desktops Replaced	14	8	8
Mobile Devices	1	2	2

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: The Fair continues to replace older desktop/laptop units as the budget allows. In FY 2008, a web application for the Competitive Exhibit Department's entries has been developed and implemented which allows our patrons to enter and process payment for their entries in the various competitions at the Fair. The Fair's web site was redesigned in FY 2007 to promote the Fair, event management, on-line transactions, e-mail marketing and for better accessibility in FY 2007. We continue to receive positive feedback on these changes. The Fair continues to have success with an internet based ticketing system that allows our customers to select the seat of their choice. Our web developer implemented the Kansas Largest Classroom's on-line entry forms in FY 2007 which provides an area for teachers to access materials to plan their classroom trips to the Fair and to process their registration forms/payments on-line.

STRATEGIC DIRECTION AND OBJECTIVES: The Kansas State Fair will continue to use the e-commerce aspect of its website through the retailing of various tickets and Fair-related items. We will work toward making it possible for commercial exhibitors to renew contracts and make payments via the Internet.

Agency Architecture: The agency has two servers with Windows 2003. One server is used for a backup to the other server. We currently use a DSL for internet use. We have a star network topology with 24 nodes.

Business Contingency Planning: Back ups are made every night of the files saved on the server. The back up server provides one week of back up information. The server files are backed up on an external hard drive each night. The external hard drives are changed each week and stored off-site to provide a secure and safe location in the event of an emergency.

Business Process and Workflow Management: The will continue to use Microsoft office programs to manage data pertaining to patrons, exhibitors and staff. Graphics and Marketing are created through the use of Adobe products and building layouts are created through the use of Autodesk products. We have no plans to change the way data is handled at this time. We will look at upgrading to newer versions of programs used as money is available to stay current with technology and to give us additional capabilities.

Collaboration Software: The Fair currently uses Microsoft Outlook Exchange server provided by DISC for e-mail.

Data Storage and Administration: The Fair stores the files for databases, letters, forms, pictures, etc that are saved on the server. All employees are directed to save their work on the server. Our server software is Microsoft Server 2003. Our data backup size is 6,173 MB.

Data Transfer: The fair does not have any plans to share data with another agency.

Electronic Records Retention: The Kansas State Fair is working on developing an electronic records retention policy.

E-Government: In the past few years, the Kansas State Fair continues to grow in the e-commerce aspect of its website through the retailing of various tickets and Fair-related items. We anticipate continued growth in the next few years to allow our customer to make and pay for their entries via the website. We will work towards making it possible for commercial and competitive exhibitors to renew their contracts and make payments via the internet.

End User IT Security Training: End user IT security training is minimal.

Identity Management: The fair has no plans to use digital signatures unless the courts would recognize the digital signatures as legal and binding.

IT Disaster Recovery: The Fair does not have a formal IT Disaster Recovery plan in writing. However, we would rely on the back up procedures noted under the Business Contingency Plan in case of an emergency.

IT Security Staff: The fair does not have a full-time IT staff. The fair's Finance Director is able to perform hardware and software maintenance. For more complex issues, DISC – Small Agency Support is utilized. The fair has no plans to hire a full-time IT employee.

Public Key Infrastructure: The fair has no plans to use digital signatures unless the courts would recognize the digital signatures as legal and binding.

Service Oriented Architecture: The Fair does not have any plans to move to a service oriented architecture.

Technology Infrastructure: The agency currently has no plans to upgrade or change infrastructure. The Fair will follow the recommendations of DISC in changes to infrastructure.

Health and Environment, Department of (Agency #264)

BUSINESS PROGRAMS:
General Administration/Management Division of Health
Division of Environment

MISSION: The mission of the Department of Health and Environment is to protect the health of all Kansans by promoting responsible choices.

SFY 2009 BUDGET: **$157,849,882.00**
SFY 2009 FTE: **407.90**
SFY 2008 IT EXPENDITURES: **$7,694,224.65**
WEBSITE ADDRESS: **http://kdheks.gov/**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	5.5	3	5.5	3	5.5	3
Application Maintenance and Enhancement (in-production systems)	11	1	11	1	11	1
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	3.5	0	3.5	0	3.5	0
Data Administration, Data Analysis/Validation and Database Administration	7	0	7	0	7	0
Network Engineering, Technical Management and Support	6	0	6	0	6	0
Computer Operations, Management and Technical Support	13	3	13	3	13	3
Web application development and maintenance	2.5	0	2.5	0	2.5	0
IT Security	.5	1	.5	1	.5	1
Other IT Functions (please identify)	1	0	1	0	1	0
TOTAL FTEs	**50**	**8**	**50**	**8**	**50**	**8**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	145	160	180
Virtual Servers	0	0	0
Desktops	1125	1200	1250
Desktops Replaced	100	150	100
Mobile Devices	350	400	400

SFY 2008 MAJOR APPLICATIONS:

Vital Statistics Information and Imaging System
VitalTrak Custom Software Suite
Child Care Licensing and Registration Information System – CLARIS
Maternal Child Health/Family Planning (MCH/FP) Data System
Sound Beginning: Newborn Hearing Screening Program
Children With Special Health Care Needs (CSHCN)
Electronic Disease Surveillance System (EDSS)
Infant Toddler System
Kansas Women, Infants and Children (WIC) Automation Initiative
Kansas Rural Health Information System (KRHIS)
ACCESS/SCATS - Automated Computerized Complaint
Kansas Health Alert Network – KS HAN
Kansas System for the Early Registration of Volunteers
Site Identification
BWM Database
Storage Tanks (LUST, Registration and Trust Fund)
I-steps
Identified Sites
Kansas Immunization Registry
Aquatic Biological and Chemical Database (ABC)
BER Remedial Section Field Activity Notifications
Universal Help Desk System
Kansas Safe Drinking Water Information System
Network One Stop
Laboratory Information and Reporting System
Online Hiring Process
Vital Check
Health Care Provider Database
Composting
Asbestos Program
Lead Programs
Radiation
Kansas Trauma Registry
KDHE IT Asset Database
Well drillers logs (Water Wells)
Enforcement & Survey System
Spills
Certified Operators
Lab Certification
BWM Solid Waste Sitting Tool
Total Maximum Daily Loads (TMDLS)
SWAP
Kansas Clean Water
Solid Waste Facility System
Wastewater Treatment
Livestock Waste
Infocorp Access 2 Gov
Stormwater Permits
Recycling Database
Food and Lodging
Online Hiring Process
Lab Neonatal Screening
Laboratory Optical Disk Archive System

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: KDHE continues the significant effort at consolidating and migrating toward core technologies in the infrastructure, database and programming areas with the goal of reducing costs, decreasing the maintenance effort, and increasing the reliability of each system. This process was started several years ago and we continue to move forward with the transition. We have consolidated applications down to one AS/400 server, began migration away from Notes Domino, removed AIX and RS6000's from our environment and continued to move application development to two environments.

Web-based access to applications have become standard and continue to be incorporated whenever possible into KDHE's business systems that results in reduced support requirements and access to applications through a standard browser.

Major projects like KS-HAN, (an electronic health notification system), K-SERVE (a volunteer Registry) and EDSS –Phase I (Disease Surveillance system) have been completed and have been rolled out to the local health departments and other health professionals.

KDHE continues to expand its scope of web-based applications to include aspects of interactive mapping and spatial data management. The use of Geographic Information Systems (GIS) applications is increasingly commonplace throughout the agency. Agency personnel use GIS applications to view, query, compare, and analyze the spatial representations and relationships of program interests. Available through desktop and browser applications, GIS data and spatial services are used in all five environment bureaus and nine out of the ten health bureaus/offices. The range of GIS services will continue to expand to meet increasing demands for spatial functions and operations to aid program applications and workflows.

Computer support services continue to provide information technology support and training for all KDHE staff as well as KDHE partners utilizing KDHE applications and services. Services include: providing technology support for all desktop, laptop/tablet, hardware, software and peripheral equipment including Blackberry devices; updated information technology training classes; helpdesk support; telecommunications support; central receiving and distribution of information technology related purchases; inventory tracking of hardware and software assets; and other services as necessary.

Significant work has been done to create an off-site data center which would allow for business continuity for critical applications such as the Health Alert Network, the Immunization Registry, email and others that require 7x24 uptime. Space has been obtained at the Historical Society, equipment placed, and KDHE is working with DISC to develop their capability to support this initiative. Implementation of the first application should occur before year-end.

New applications developed include Phase I of the Electronic Disease Surveillance System. Major systems currently in development include: Vital Statistics Integrated Information System – Electronic Death Registration and Electronic Disease Surveillance System – Phase II. Major systems currently in the planning phase include: Laboratory Information Management System.

Other projects being implemented in KDHE include: imaging services to improve work flow processes and ease document retention, moving Vital Records to an MSAR solution, and current migration to Microsoft Exchange as its email system. Imaging services have currently been implemented in two Bureaus within KDHE.

KDHE has increased the number of data sharing interfaces to include an HL7 interface with local health departments for the exchange of immunization information. As new applications are implemented, interfaces with laboratories, federal and state entities will be developed and implemented using the HL7 standard.

STRATEGIC DIRECTION AND OBJECTIVES: The IT strategic direction and objectives for the Kansas Department of Health and Environment through SFY 2009-2011 can be defined by a couple of key points.

The alignment and priorities of IT services reflect the agency's goals; obtained by active participation in KDHE"s Excellence in Service and balanced scorecard initiative. These initiatives create an enterprise-wide detailed strategic plan and scorecard based on the Agency's vision and objectives and allows each bureau to roll their own goals into the Enterprise's goals ensuring alignment. This process has been a catalyst to develop a system to monitor the health and performance of technology at KDHE.

We continue to increase the visibility of KDHE's data, increasing the sharing of data between bureaus, and identifying and defining key datasets to allow us to publish data to appropriate audiences including E-Government initiatives. GIS has and will continue to play an important part in this initiative, as it allows views of data in more dimensions than previously available.

KDHE continues to consolidate and simplify the technology architecture to allow us to be much more effective with IT resources. This standardization will be on mainstream technology and will be phased in over a period of years to allow for the replacement of systems and hardware.

KDHE Information Technology strategic efforts can be summarized as follows:

- Consolidating technologies (providing a better leverage of resources/ease of support)
- Replacing Legacy Systems (providing integrated applications using industry standards)
- ntegrating data and systems (single signon for example)
- Decreasing client support requirements (by using web applications)

- Improving the technical training experience for users
- Providing exemplary customer service
- Increasing the use of GIS organization-wide
- Automating internal processes
- Providing security of data and resources
- Continuing to move toward an offsite data center for recovery of critical applications

Agency Architecture: KDHE continues to migrate away from the AS/400 platform and related DB2 database due to lack of application vendors using that platform, although the migration may take several years to complete. We have standardized on an Intel Windows 2003 server environment wherever possible. Significant network storage is kept on enterprise storage area networks. KDHE's network protocol is TCP/IP, and we use Active Directory for our directory services. Our email system is Lotus Notes.

We use a number of different databases currently, including DB2, Oracle, SQL Server, Informix, Access, FoxPro, Excel, QuatroPro, Domino, and Sybase. An initiative is underway to consolidate those technologies toward defined enterprise migration paths. Imaging products include FileNet-IMS and ARC-GIS for GIS applications. Our server platforms currently consist of AS/400, and HP Intel products. Our servers O/S include OS/400, NT, Windows 2000, and Windows 2003. An initiative is underway to consolidate those technologies and determine migration paths. Our application development environment consists currently with Oracle, RPG, ASP, .NET, Visual Basic, Access, ARC-GIS, SAS, Lotus Notes, and Java. No new development is being done in RPG, Visual Basic and Lotus Notes as we move away from those development environments. Our eight district offices have local services and attach to the Curtis building through the KANWIN frame relay network.

Business Contingency Planning: KDHE has hired an outside consultant to assist the agency in developing a business continuity plan. In conjunction with the continuity plan, KDHE continues development of a I/T Disaster Recovery plan for the agency and developing an off-site plan for critical applications.

Business Process and Workflow Management: KDHE currently uses several applications such as POVS, Human Resources Management System, Grant and Contract Management Systems, and imaging throughout several bureaus in the department to allow documents to be routed electronically. This enables users to process work more efficiently, faster and more accurately than with traditional paper processing.

Collaboration Software: KDHE currently uses Microsoft Sharepoint, webinars, videoconferencing, and webcasts to collaborate with internal and external customers. KDHE will continue to expand its internal use of Microsoft Sharepoint over the next year.

Data Storage and Administration: Increasingly large amounts of data are being created and saved in digital data storage systems. KDHE will continue to use best practices when addressing data storage and administration issues.

Data Transfer: Data standards have been established in KDHE that allow the sharing of data (where appropriate) between applications. Sharing data eliminates the re-keying of data into other transactional systems and provides more accurate and up to date information. Data standards will continue to be maintained and systems and applications will be developed with the idea of sharing data where appropriate.

Electronic Records Retention: KDHE is in full compliance with the State Records Retention Board guidelines.

E-Government: Consistent with our overall plan, KDHE is committed, where appropriate, to provide web access to citizens, businesses, and governments with equal, efficient, electronic access and interaction with government information.

End User IT Security Training: Information Security mandatory awareness training is provided annually. Monthly information security alerts and information is sent out to KDHE users through email.

Identity Management: KDHE plans to utilize electronic signatures for funeral directors, physicians and for identity management.

IT Disaster Recovery: KDHE continues to update its disaster recovery plan. KDHE purchased space at the state of Kansas Off-Site Data Center and will continue replicating critical applications in FY 09.

IT Security Staff: KDHE continues to spend a significant amount of time and resources focusing on information and system security throughout the agency. KDHE considers itself to be one of the primary State agencies in Kansas leading the way with innovative, effective security management practices. KDHE is working on establishing an off-site data recovery site for critical applications.

Public Key Infrastructure: KDHE has no plans to use PKI.

Service Oriented Architecture: KDHE will continue to develop applications to exchange data with one another. Web services will be used to allow different applications to exchange the data.

Technology Infrastructure: Over the next three years, KDHE plans to complete the off site Data Center move of all critical information technology applications. We will continue the technology consolidation to approved enterprise technology standards.

Water Office, Kansas (Agency #709)

BUSINESS PROGRAMS:

Water Policy Planning
Agency Management Planning
Water Marketing Program
Water Conservation Program
Basin Planning
Assessment and Evaluation
Water Assurance Program

MISSION: The mission of the Kansas Water Office and Kansas Water Authority is to develop water policies through an open planning process, facilitate the coordination of agency activities regarding water, and operate a raw water marketing program to ensure an adequate supply for the citizens, environment and industries in Kansas.

SFY 2009 BUDGET: **$9,499,234.00**
SFY 2009 FTE: **23.50**
SFY 2008 IT EXPENDITURES: **$323,619.71**
WEBSITE ADDRESS: **http://www.kwo.org**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	0	0	0	0	0	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	.7	0	.7	0	.7	0
Data Administration, Data Analysis/Validation and Database Administration	.1	0	.1	0	.1	0
Network Engineering, Technical Management and Support	0	0	0	0	0	0
Computer Operations, Management and Technical Support	0	0	0	0	0	0
Web application development and maintenance	.3	0	.3	0	.3	0
IT Security	0	0	0	0	0	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**1.1**	**0**	**1.1**	**0**	**1.1**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	4	4	4
Virtual Servers	0	0	0
Desktops	29	27	27
Desktops Replaced	7	7	9
Mobile Devices	30	27	27

SFY 2008 MAJOR APPLICATIONS: None reported.

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: In FY 2008 the Office: made improvements to the internal web site and several Access databases: (Water Marketing; Basin Advisory Committees; Contracts; Inventory; and Projects); and completed the migration of GIS data into geodatabase format. The Office also completed upgraded four servers and 9 workstations to current standards. Upgrades will allow the agency to function more efficiently and effectively.

STRATEGIC DIRECTION AND OBJECTIVES: The Kansas Water Office is transitioning the state water planning process from a paper driven planning function to an electronic approach, through web applications. In FY 2009 the Office will continue: updating the agency website; scanning non-electronic documents for easier storage, access and distribution; and improving the functionality of the GIS geodatabases. In addition, the Office will finish consolidating agency mailing databases and develop databases for additional programs, including electronic timesheets.

Agency Architecture: The Kansas Water Office uses microcomputers and servers running Microsoft XP.

Business Contingency Planning: Back up of all network drives is completed to tape format. The tapes are stored in a fire safe enclosure. A year's worth of back up is retained before being overwritten. Each day's back up is stored off-site. The Kansas Water Office datasets will be included in future contingency planning solutions developed by the Kansas Department of Agriculture.

Business Process and Workflow Management: The Kansas Water Office currently has 2002 Milestones Professional project management software. In FY 2009 the Office will be evaluating and upgrading our project management software.

Collaboration Software: The Kansas Water Office shares data and documents with other agencies and the Kansas Water Authority through email, the KWO website and occasional tele-conferencing. Most staff members have Pocket-PC PDAs or Blackberry devices.

Data Storage and Administration: Electronic data at the Kansas Water Office are stored in MS Access, Excel and Word; and in ArcGIS shapefile and geodatabase formats. Approximately 260 GB of data (of 1,022 GB total space) are currently stored for all agency programs. The Office has developed file naming conventions and data storage and management protocols. MS Access will be used for future database management and applications development.

Data Transfer: Data are shared intra-agency through our shared network drives (electronic) and links on our internal website. Data are shared interagency through email attachments and the agency web site.

Electronic Records Retention: Final documents are placed in read-only directories. Current storage capacity allows the retention of all documents.

E-Government: The Kansas Water Office will continue to evaluate current applications for ways to improve our operations and facilitate data access and data transfer. The online application forms for Basin Advisory Committee Applicants and Alternative Dispute Resolution Training, as well as forms for public comment and notices for the State Water Plan, were developed in FY 2007.

End User IT Security Training: Provided under contract with the Kansas Department of Agriculture.

Identity Management: None planned.

IT Disaster Recovery: The Kansas Water Office does not have a published IT disaster recovery plan. Our policies and plans regarding disaster response are contained above in the Business Contingency Planning.

IT Security Staff: Provided under contract with the Kansas Department of Agriculture.

Public Key Infrastructure: None planned.

Service Oriented Architecture: The Office is looking into implementing Service Oriented Architecture as funding and training allows.

Technology Infrastructure: Systematically upgrade and replace software and hardware components to maintain agency capability at current technological standards. The agency has implemented a policy to upgrade hardware on a three year replacement cycle. The Kansas Water Office will evaluate each new software release to determine whether to upgrade based on agency need and software capability as the release is made by the vendor. Currently, the Kansas Water Office has maintenance agreements with Microsoft and Environmental Systems Research Institute, Inc. Data network infrastructure, storage and platform upgrades will be developed under our contract with the Kansas Department of Agriculture.

Wildlife and Parks, Department of (Agency #710)

BUSINESS PROGRAMS:

Administrative Services	Executive Services
Grants-in-Aid	Law Enforcement
Parks	Fisheries and Wildlife

MISSION: The mission of the Department of Wildlife and Parks is to conserve and enhance Kansas' natural heritage, its wildlife and its habitats to ensure future generation the benefits of the State's diverse, living, resources; to provide the public with opportunities for use and appreciation of the natural resources of Kansas, consistent with the conservation of those resources; and to inform the public of the status of the natural resources of Kansas to promote understanding and gain assistance in achieving this mission.

SFY 2009 BUDGET: **$67,873,245.00**
SFY 2009 FTE: **416.50**
SFY 2008 IT EXPENDITURES: **$1,462,769.85**
WEBSITE ADDRESS: **http://www.kdwp.state.ks.us**

IT Profile:

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)	1	0	1	0	1	0
Application Maintenance and Enhancement (in-production systems)	0	0	0	0	0	0
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	2	0	2	0	2	0
Data Administration, Data Analysis/Validation and Database Administration	0	0	0	0	0	0
Network Engineering, Technical Management and Support	1	0	1	0	1	0
Computer Operations, Management and Technical Support	2	0	3	0	3	0
Web application development and maintenance	3	0	3	0	3	0
IT Security	1	0	1	0	1	0
Other IT Functions (please identify)	0	0	0	0	0	0
TOTAL FTEs	**10**	**0**	**10**	**0**	**10**	**0**

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	1	1	0
Physical Servers	27	30	30
Virtual Servers	0	0	0
Desktops	N/A	N/A	N/A
Desktops Replaced	20	25	25
Mobile Devices	0	0	0

SFY 2008 MAJOR APPLICATIONS:
CIS Timesheet
Law Enforcement System
Property Inventory
Cost Information System (CIS)
Hunter Education Students
Planning System
License Agent System
Environmental Permitting and Project Tracking
Creel Survey (Creel)
Aquatic Data Analysis System (ADAS)
Law Enforcement Ticket System
Agency Internal Portal
Public Web Site
KOALS
Hunter Education Instructor

SFY 2008 AND RECENT IT ACCOMPLISHMENTS:

- Completed initial phase of major overhaul of agency Cost Information System which was the development of an online timesheet entry system. A significant functionality of the system is that timesheet data is portable to SHARP; which eliminates the need for paper timesheets.

- Continue to improve Help Desk function to resolve calls for assistance from agency staff, and support of public website.

- Continue major update to online network documentation.

- Assisted project management team in successful deployment of final phase of the Department's automated licensing project (KOALS).

- Upgraded web servers to handle ever increasing web page traffic volumes and improve page response times. Upgrading the servers also allows more immediate "real time" updates by appropriate Department personnel responsible for various information presented on the agency web site.

- Continue to tweak training procedures for agency staff on how to use the Content Management System software for making page updates. Assigned agency staff are expected to use the software for maintaining their areas of responsibility on the web site.

- Upgraded load balancing hardware and software to address continually increasing interaction with agency web site by both the public and staff. In conjunction with web server upgrades noted above, the upgrades enhance web site performance while allowing timely content management.

- Continued the design and implementation of intra-agency web portals. Departments within specific agency programs requested portals to conduct business activities unique to their needs.

- Coordinated initial phase of implementing a third party vendor's major software product to be used for ad hoc extraction, reporting and modeling of data collected through the continuing shift of customer information into the automated licensing system. Complete implementation of the product will allow the Department to fully realize one of the goals of moving to the automated system.

STRATEGIC DIRECTION AND OBJECTIVES:

Agency Architecture: None reported.

Business Contingency Planning: None reported.

Business Process and Workflow Management: None reported.

Collaboration Software: None reported.

Data Storage and Administration: None reported.

Data Transfer: None reported.

Electronic Records Retention: Many records are retained as paper per guidelines established by the state. Access is focused through Administrative Services Division Director who screens for appropriateness of request and distribution of information. More information will be stored in electronic form as the online sales system is employed and expanded. Also as more and more Department users rely on PCs to prepare reports, manage daily operations needs and conduct business, electronic storage of records is occurring. A significant step toward email record retention is envisioned through the development of a contract with a major third party vendor to host archiving of email messages.

E-Government: The agency will continue to pursue broader use of the Web to conduct agency business. KDWP has entered into a contract with a vendor to operate an automated licensing and permitting system at KDWP offices and vendor locations statewide. Operation of this system has produced benefits such as adding customer information to our demographic database and generally eliminated the number of permits filled out by hand are steps that have enhanced customer service. As customers are served through the online sales system that customer information already stored in the customer database can become self-populating when purchasing future permits. Expansion of our demographic database will aid in program development and long term strategic planning. In addition, the Department continues to enhance the agency web page to better assist our constituents. The agency will continue to review the Department web site for timeliness and accuracy of information. Content is added or removed to meet the needs of our constituency. Even with the implementation of the new automated licensing system, the system will continue to be researched for added accessibility to the public. Aspects of added accessibility to be considered would be 24/7 hardware similar to ATMs or kiosks at select Department locations; installation of similar hardware in large volume retail outlets that carry hunting, fishing, camping and other outdoor recreation products, and other installations as determined through future study.

End User IT Security Training: None reported.

Identity Management: None reported.

IT Disaster Recovery: None reported.

IT Security Staff: None reported.

Public Key Infrastructure: PKI technology will be evaluated as it pertains to the business operations of the Department. The viability of using PKI will be considered.

Service Oriented Architecture: None reported.

Technology Infrastructure: None reported.

Transportation, Department of (Agency #276)

BUSINESS PROGRAMS:

Substantial Maintenance
Priority Bridge
Major Modification
System Enhancement

MISSION: To provide a statewide transportation system to meet the needs of Kansas.

SFY 2009 BUDGET: **$1,615,172,160.00**
SFY 2009 FTE: **$ 42,083.78**
SFY 2008 IT EXPENDITURES: **$ 33,635,261.75**
WEBSITE ADDRESS: **http://www.ksdot.org**

IT Profile:

	SFY 2009 ACTUAL FTE			SFY 2010 PROJECTED FTE			SFY 2011 PROPOSED FTE		
IT FUNCTIONAL AREA	**BCS Class**	**Non-BCS Class**	**Uncl.**	**BCS Class**	**Non-BCS Class**	**Uncl.**	**BCS Class**	**Non-BCS Class**	**Uncl.**
General Management & Administration (includes training and cross-agency coordination)	0.50	9.30	3.00	0.50	9.30	3.00	0.50	9.30	3.00
Application Maintenance and Enhancement (in-production systems)	18.00	10.10	0.25	18.00	10.10	0.25	18.00	10.10	0.25
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)	18.00	6.35	0.25	18.00	6.35	0.25	18.00	6.35	0.25
Data Administration, Data Analysis/Validation and Database Administration	6.00	4.50	0.00	6.00	4.50	0.00	6.00	4.50	0.00
Network Engineering, Technical Management and Support	12.00	6.30	1.50	12.00	6.30	1.50	12.00	6.30	1.50
Computer Operations, Management and Technical Support	6.00	8.55	0.00	6.00	8.55	0.00	6.00	8.55	0.00
Web application development and maintenance	5.00	2.45	0.00	5.00	2.45	0.00	5.00	2.45	0.00
IT Security	1.00	0.80	0.50	1.00	0.80	0.50	1.00	0.80	0.50
Other IT Functions: Disaster Recovery	0.25	0.00	0.00	0.25	0.00	0.00	0.25	0.00	0.00
Other IT Functions: GIS	0.00	0.50	0.00	0.00	0.50	0.00	0.00	0.50	0.00
Other IT Functions: Radios & Towers	0.00	13.90	0.00	0.00	13.90	0.00	0.00	13.90	0.00
Other IT Functions: Enterprise Arch.	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00
Other IT Functions: Project Mgmt.	4.75	0.00	0.50	4.75	0.00	0.50	4.75	0.00	0.50
Other IT Functions: Miscellaneous	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.75	0.00
Subtotals	**71.50**	**63.5**	**7.00**	**71.50**	**63.5**	**7.00**	**71.50**	**63.5**	**7.00**
TOTAL FTEs (*)	**142**			**142**			**142**		

Technology Assets:

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes	0	0	0
Physical Servers	226	248	272
Virtual Servers	0	11	18
Desktops	3043	3126	3100
Desktops Replaced	600	800	700
Mobile Devices	100	110	120

SFY 2008 MAJOR APPLICATIONS:

AASHTO Pontis – Local Projects
AASHTO Pontis – State Bridge Office
AASHTO Trns•port
AASHTO Virtis/Opis (OPIS)
Accident and Loss Reporting Process
Advanced Public Transportation Management System
Advanced Travel Information System
Automated Budget System (ABS)
Automated Traffic Recorder System (ATRS)
Bridge Office Management System (BROMS II)
Bridge Overload Permit Routing System (BOPRS)
Bridge Rating and Analysis of Structural Systems (BRASS)
Brocade SAN Health
Brocade Web Services
Budget System
CANSYS II
Capital Inventory (CPIN)
Cash Receipts
Certified Inspector Training (CIT)
Checkpoint Firepass (VPN)
City Connecting Links
Civil Rights System (CRS)
Comprehensive Program Management System (CPMS)
Computer Aided Drafting and Design / Computer Aided Mapping (CADD/CAM)
Computer Associates TOP Secret
Construction Management System (CMS)
Construction Management System Materials Inspection
Consumable Inventory Management (CIMS)
Cost Center Feedback (CCFB)
Coverage Counts (CVRG)
Crew Card
Crossing Inventory Information Management System (CIIMS)
Data Warehouse (DW)
District Employee Database
Electronic Accident Data Collection and Reporting System (EADCR)
Electronic Surveying / Photogrammetry
Employee Time Reporting System (ETS)
Enhanced Pavement Management System (EPMS)
Ensoft LPILE Plus
Ensoft SHAFT
Equipment Management System (EMS)
Equipment Rental Rates

Executive Software Undelete
FaceTime RTGuardian (RTG)
Features Inventory
Federal Aid Billing System (FABS)
Financial Model
Fuel Tracking System (TRAKS)
Highway Access Permit System (HAPS)
Highway Maintenance Management System (HMMS)
HP SmartStart
HP Systems Insight Manager
Hyena
Integrated Financial Information System (IFIS)
KANROAD
Kansas Accidents Record System (KARS)
Kansas GIS Web Portal (KGATE)
KC Scout
KDOT Authentication and Resource Tracking (KART)
Laboratory Information Management System (LIMS)
LEAP Bridge
Learning Management System (LMS)
Legislative Bill Tracking
Liebert Mutlilink
Local Projects Office Management System (LPOMS)
Magic Solutions Remedy Magic Service Desk
Maintenance Quality Assurance (MQA)
Microsoft Active Directory
Microsoft Forefront
Microsoft Connection Manager VPN
Microsoft Distributed File System (DFS)
Microsoft Domain Name System (DNS)
Microsoft Dynamic Host Configuration Protocol (DHCP)
Microsoft Exchange
Microsoft Intelligent Message Filter (IMF)
Microsoft Internet Security Accelerator (ISA)
Microsoft Live Meeting
Microsoft Office Communication Server 2007
Microsoft Systems Center Configuration Manager (SCCM)
Microsoft Systems Center Operations Manager 2007
Microsoft Terminal Server
Microsoft Virtual Private Network (VPN)
Microsoft Windows Deployment Services (WDS)
Microsoft Windows Internet Name Service (WINS)
Microsoft Windows Server Update Services (WSUS)
National Bridge Inspection System (NBIP)
Non-State System
Non-State Urban System (NUSYS)
Personnel and Position Management System
Polycom MGC Web Commander
Polycom MGC Web Server Manager
Project Information Portal (PIP)
PTC Mathcad
Public Involvement Database (PID)
Qlogic SanSurfer
Quest Spotlight on Windows
Records and Workflow Management (RWM)
REI Staad.Pro

Reinforced Concrete Box (RCB)
Right Of Way Outdoor Advertising System (ROAS)
Right Of Way Tract Tracking
Road and Weather Information System (RWIS)
Salvage Yards
SAS
Shop Management System (SMS)
Snow & Ice Removal Reporting System (SNICE)
Strategic Management Plan (SMP)
Surf Control Web Filter
Symantec Antivirus
Symantec Veritas Backup Exec
Symantec Veritas Enterprise Vault
Symantec Veritas Netbackup
Tek-Tools Storage Manager Profiler RX
TerraShare
Tivoli Backup Software
Traffic Data System (TRADAS)
Treasury Management Spreadsheet
Truck Routing Information System (TRIS)
TSO, ROSCOE, CICS (Customer Information Control System)
Videolog
VMWare ESX Virtual Server
Voucher Entry System (VES)
Work Order Management System (WOMS)
Workers Comp
Xbridge
Xiotech ICON Manager
Year-End-Processing

SFY 2008 AND RECENT IT ACCOMPLISHMENTS: During the year, KDOT has collaborated with a number of other state and federal agencies on IT projects, including:

- Worked with the Kansas Highway Patrol (KHP), Kansas Department of Revenue (KDOR), Kansas Corporation Commission (KCC), Kansas Turnpike Authority (KTA), Kansas Motor Carriers Association (KMCA), and the Kansas County Treasurer's Association (KCTA) to implement improvements to the Kansas Trucking Connection. KTC was given access the KDOT GIS web Portal (KGATE) giving them the latest data on bridge weights and vertical clearances.

- KDOT is working with the Kansas Department of Revenue (KDOR), Kansas Bureau of Investigation (KBI), Kansas Highway Patrol (KHP), Kansas Department of Health and Environment (KDHE), Kansas Board of Emergency Medical Services (KBEMS), Kansas Judicial Branch, over 600 local law enforcement agencies, three Federal agencies: National Highway Traffic Safety Administration (NHTSA), the Federal Highway Administration (FHA), the Federal Motor Carriers Safety Administration, and contractors on a multi-agency Traffic Records System (TRS).

- Worked with DISC to test the upgrade of z/890 mainframe to z/9 BC (Business Class) processor.

- Participated in the Mainframe Hot Site Disaster Recovery exercise with the DISC.

- Assisted the Division of Purchasing in the FMS evaluation process, and reviewed vendor proposals for the Master Information Technology Services Contract.

- Implemented an upgraded version of the Electronic Accident Data Collection and Reporting System (EADCR) which is used by over 80 law enforcement agencies.

- Assisted the Kansas Department of Corrections (KDOC) with Crystal and web services research.

The following are some of KDOT's IT accomplishments for SFY 2008.

Date	Accomplishment
July 2007	Participated in the research and implementation of energy saving enhancements, including systems to allow all agency computers to be turned on daily for critical software updates. This allows computers to be shut down nightly.
July 2007	Modified the SHaRP interface to accept nightly employee transactions.
July 2007	Implemented KANROAD Mobile link on the Internet allowing mobile devices to receive textual information on road conditions across the State of Kansas.
August 2007	Implemented the Kansas Bridge Inspection portal application that allows inspectors to see data on bridges across the state.
August 2007	The Outdoor Advertising System was installed. KDOT served as a beta site for the software.
August 2007	Loaded all headquarters training data into the Learning Management System.
September 2007	Upgraded KDOT Boundary Firewalls from Checkpoint to Cisco.
September 2007	Complete overhaul of SAN fabric to a new Brocade 48K director switch.
September 2007	Created a podcasting web page where files will be placed for download to iPods.
September 2007	WebTrends software installed allowing us to track the number of visits to our web pages.
September 2007	Worked with KDOT Legal to get the QPlot and Screed applications that were written in-house copyrighted.
October 2007	Integrated ICON Manager into the SAN for smoother management of storage and tighter integration with Windows systems.
October 2007	Upgraded the hardware and software statewide for the Fuel Tracking System, which is used for authorizing and dispensing fuel to agency vehicles.
October 2007	Developed a public web site for the Kansas Air Tour Anniversary.
October 2007	Completed upgrade to Microsoft Internet Explorer 7.
October 2007	Successfully completed version 2.0 to the Salvage application for the bureau of Right of Way.
October 2007	Developed a process to handle the incremental loading of the Data Warehouse for the WinCPMS project.
November 2007	Successfully upgraded ProjectWise for the agency as a whole.
November 2007	Updated the online staff contact directory. This was an agency-wide effort and was a priority of the Executive Committee.
November 2007	Reviewed the Federal Aid Billing process for the WinCPMS development project.
December 2007	Created web services to be used by WinCPMS for the following: • Bridge Office Management System (BROMS) work types. • BROMS structure types. • BROMS structure data. • Local Project Pontis software, data about locally maintained structures.

December 2007	Completed the agency-wide upgrade to Microsoft Office 2007.
December 2007	Completed the Microsoft Live Meeting / Office Communication Server 2007 upgrade for KDOT headquarters, including implementation of Office Communications Server 2007, for in-house online conferencing.
December 2007	Worked with DISC in reviewing specifications for a web design and hosting statewide contract.
December 2007	Modified the Consumable Inventory system to facilitate the Crew Card system.
January 2008	Upgraded the Data Warehouse databases and Warehouse Builder tool to Oracle 10g Release2. Also consolidated several old servers onto a new Virtual Machine.
January 2008	Developed the use of Microsoft AzMan for security in Active Directory for applications (i.e. WinCPMS and Crew Card).
January 2008	Successfully developed web services to display error codes for WinCPMS.
February 2008	Completed back file scanning of KDOT paid vouchers into the Document Management System.
February 2008	Upgraded the tape backup system, including replacement of the HP Data Protector with Symantec Veritas NetBackup.
February 2008	Performed a major version upgrade to the SurfControl software for internet monitoring.
March 2008	Integrated the KDOT RWIS cameras into the KANROAD (511 web) map opening the camera view to the public via the web. Plans are also in place to add new ITS cameras and Variable Message Signs to the site in November 2008.
March 2008	The Crew Card system went to production for ten maintenance locations. One to two areas will go to production on a bi-weekly basis until all 26 areas have been trained.
March 2008	Modified Employee Time systems to handle Steward Time, KOSE HOO, KOSE Standby, and KOSE Shift Differential changes.
March 2008	Successfully developed and deployed reports for the bureau of Right of Way that enables them to do data validation against the new Outdoor Advertising System (OAS).
June 2008	Upgraded all users in KDOT from Microsoft Exchange 2003 to Exchange 2007.
April 2008	Decommissioned AVL firewalls to aggregate to new Cisco firewalls for cost savings on maintenance.
April 2008	Upgraded the Oracle Transparent gateway for DB2 to version 10.2 to prepare for mainframe migration to DB2 v8 NFM.
April 2008	Completed Tivoli Storage Management Data Protection Option (DPO) and client upgrade to version 5.5.
April 2008	Standards and procedures were developed to handle version control for upcoming projects requiring more than one developer working on a project at a time.
April – May 2008	Upgraded Fiber Optic cards for ITS Network in preparation for the I-70 Project.
May 2008	Upgraded the Forms Warehouse to Version 10.
May 2008	Migrated servers to PlateSpin technology for disaster recovery.
May 2008	Upgraded Symantec Enterprise Vault system to Version 7.0.
May 2008	Completed upgrade of Magic, helpdesk management tool, to version 9.6.

May 2008	Deployed the Local Projects Office Management System (LPOMS) into production for the bureau of Local Projects.
May 2008	Worked with KDOT Right of Way and Traffic Engineering to develop a new KDOT graphics standard manual to replace the outdated manual that was developed in 1995. This included building resource libraries and tools for the user.
May 2008	Tested upgrade of Top Secret R12, the mainframe security system with DISC.
June 2008	Moved Federal Highway connectivity to the KDOT VPN from DISC's Frame-Relay network.
June 2008	Upgraded the CANSYS Atlas databases to Oracle v10.2.
June 2008	The Data Warehouse unit worked with business users across KDOT to create a Data Warehouse Strategic Plan. The plan provides a road map for the future direction of the Data Warehouse, with prioritization and ranking done by the business community to ensure their needs were at the top of the list to be accomplished.
June 2008	Implemented the Enhanced Priority Formula System (EPFS) in a test environment to assist in selecting projects for the Major Modification / Priority Bridge Program.
SFY 2008	Installed the new BlackPearl workflow software and completed a Proof of Concept project which created a prototype in the new forms and workflow environment. Also completed training in the new forms and workflow environment.
SFY 2008	Created .NET development standards.
SFY 2008	Planned the mash-up between Microsoft Virtual Earth and the KANROAD (511 web) system to serve a high performance map overlay to Internet users. This will be implemented to public in the fall of 2008.
SFY 2008	The KGATE project worked with the Data Warehouse unit in an ongoing process to build Geospatial data and metadata for KGATE.

SFY 2008	Implemented numerous electronic workflow forms to provide greater efficiency:
	• Aged Vacant Position Request Form that is routed through the Vacancy Review Committee for positions vacant for more than 120 days.
	• Implemented the Personnel Action Requests electronic workflow which is now required.
	• Implemented five workflows to support the Crew Card System.
	  o Crew Card Timesheets
	  o Request for Service and Repairs
	  o Holiday Overtime
	  o District Overtime Documentation
	  o Supervisors Unscheduled Emergency Work Documentation
	• Implemented Workzone Enforcement Request Form which allows KDOT to request added enforcement of workzones from the Highway Patrol.
	• Provided forms and workflow support for three new Bureau/Offices.

SFY 2008	During the last 12 months, 22,590 Mainframe Production runs were processed and 20,535 plots were processed by the Computer Operations unit.
SFY 2008	Processed 5,075 Helpdesk tickets, and 1,464 miscellaneous forms.

STRATEGIC DIRECTION AND OBJECTIVES: KDOT employees perform complex and intensive analysis of data to support the state's transportation system which in turn supports economic development across the state. The utilization of information technology tools and processes allows employees to perform these duties as efficiently and effectively as possible, supporting knowledge transfer and decision making.

Because of the large and growing reliance on technology in the workplace, IT issues are addressed regularly at the highest levels in the organization, as described in the Governance Structure section of this document.

To obtain the best appropriate solution for IT software, the agency is committed to a number of general strategies. KDOT's strategic direction is to purchase Commercial Off-the-Shelf (COTS) software, if available; to adapt existing applications, if appropriate; and to build new applications, only if necessary. For major application projects, the agency utilizes highly competitive fixed price contracts and follows the State of Kansas Project Management Methodology as required by the Information Technology Executive Council (ITEC). The agency will continue to be involved with the American Association of State Highway and Transportation Officials (AASHTO) in its joint development of highway software, as another means of reducing the costs of application development.

Agency Architecture: KDOT's Architecture does not deviate from the established State Architecture.

Business Contingency Planning: KDOT is currently in the process of developing a unified Business Contingency Plan at the agency level. A number of smaller plans exist at the office and bureau level that are being analyzed and combined to create an agency-wide plan following the framework established by the Federal National Response Plan.

Business Process and Workflow Management: KDOT currently uses Adobe's electronic form and workflow system, but is in the process of replacing this system with Microsoft InfoPath 2007 and K2.NET Blackpearl. As part of the project, all of KDOT's existing electronic forms (over 200) and 38 workflows will be converted. The project is estimated to be completed in the fall of 2009.

Collaboration Software: It is our intent to build systems that can run in disconnected mode when required, wireless when available, and real-time as appropriate. KDOT uses Microsoft's Communicator messaging product. The current Communicator rollout is limited to internal use only; a project for the use of instant messaging began in SFY 2007 with rollout to the entire agency to continue as Communicator functionality is requested. Microsoft Live Communications Server (LCS) 2007 has been implemented in KDOT.

KDOT uses a Polycom videoconferencing system with units located in headquarters and in each district office across the state. The Polycom system utilizes 17 cameras, servers, a bridge, and a firewall to facilitate communication among KDOT offices. KDOT has recently acquired Microsoft Roundtable devices which will also be used in conjunction with Office Communication Server 2007 for videoconferencing.

Data Storage and Administration: KDOT has a large amount of structured and unstructured data, consisting of e-mail, document management, file storage, and databases stored in-house (client-server) and at the Division of Information Systems and Communications (DISC) (mainframe). The agency uses a Storage Area Network (SAN), stand-alone servers, and the DISC mainframe for data storage. The bulk of the in-house storage is contained on the SAN, which currently has approximately 22.5TB of storage allocated for data, with an additional 4TB of storage for data on stand-alone servers.

Data Transfer: KDOT receives personnel data from the Department of Administration via SHaRP. We also receive accident information from law enforcement agencies, and we exchange data with the Kansas Highway Patrol. The Bridge Inspection Portal receives information from structural engineering firms who act as bridge inspectors. Data is exchanged with the public via various agency-maintained web sites, including KDOT's public web site, KDOT's intranet, KANROAD, 511, and the Project Information Portal (PIP). We are participating in a multi-agency initiative to enhance traffic accident information sharing, plus the sharing of other pertinent traffic data.

Electronic Records Retention: While there is no formal categorization or electronic record policy, KVS Enterprise Vaulting serves as an archival system for our e-mail and agency file servers. The retention of electronic records is done in accordance with retention and disposition schedules established for paper records. Electronic records are continuously migrated forward as the technologies used to create those records become obsolete. Data integrity and authenticity are maintained as files migrate to new technologies, with the security and preservation of the data and its underlying storage media a priority.

E-Government: KDOT continues to provide e-Government services to citizens and business partners through technologies such as browser-based applications, interactive voice response systems, and data sharing and exchange via KDOT's File Transfer Protocol (FTP) server. KC Scout, 511, and KANROAD are examples of the continued commitment to improving the experience and safety of travelling in Kansas. The Local Bridge Inspection System is a web-based bridge inspection portal for entering National Bridge Inventory (NBI) data, using a Structure Inventory & Appraisal (SI&A) layout. Work will continue on existing e-Government applications such as internet Web Portals to provide communications with citizens and business partners in a secured environment. A portion of the Data Warehouse information is delivered to the public using Portal technology. Collaboration software will continue to evolve using technology to allow consultants, city officials, and KDOT personnel to view the same set of documents, photos, maps, plans, etc. from many locations, without the need to travel, while still providing effective communication on proposed changes. Bid proposals utilize electronic bid submission.

End User IT Security Training: KDOT currently provides IT security awareness training to all new employees as part of the orientation process. Agency personnel are frequently warned about security issues via e-mail for threats such as viruses, SPAM, phishing attacks, and other malware.

Identity Management: An electronic bidding process, Bid Express, has been implemented which uses digital signatures. KDOT is currently using Silanis' ApproveIt software for internal electronic signatures.

IT Disaster Recovery: KDOT has an IT Disaster Recovery plan developed by SunGard Availability Services, and a contract with HP Business Recovery Services to provide quick delivery of critical servers in the event of a disaster. The IT plan is being integrated into the agency's business Contingency Plan. The objectives of this plan and contract are to:

- Reduce the consequences of an IT-related disaster to an acceptable level and to aid in an orderly recovery of these IT functions.
- Identify and document procedures to implement the IT recovery process.
- Identify and document the persons authorized to declare a disaster on our behalf.
- Identify and document the required resources to recover and continue the operation of identified critical applications.

IT Security Staff: KDOT has one full-time and one half-time staff members dedicated exclusively to IT security.

Public Key Infrastructure: KDOT does not have any current plans to utilize PKI digital signatures; however, we are using electronic signatures in many of our workflow processes.

Service Oriented Architecture: Service Oriented Architecture is part of KDOT's strategic direction. KDOT currently utilizes SOA for a number of applications, and will continue to adopt SOA for future application development when appropriate. Our current SOA initiatives are all internal to the organization in order to develop the skills, techniques, and security approaches to move the agency toward greater adoption of this technology.

Technology Infrastructure: KDOT will continue to add different tiers of storage to the SAN infrastructure. The current database standards in KDOT are DB2 on the mainframe, and Oracle or Microsoft SQL Server on the client/server platform. Spatial functionality on Oracle will continue to be used more as the GIS capabilities grow. 64-bit hardware is being purchased for both PCs and servers, and the Microsoft 64-bit server operating system will be installed when appropriate. KVS Enterprise Vaulting, a file server and e-mail archival system, was implemented in FY07. KDOT's architecture consists of a Wide Area Network using Microsoft Windows 2000/2003 Server as the network operating system. A Storage Area Network (SAN) provides data storage for many of the servers on the network. Windows XP Professional serves as the current client operating system. Outlook/Exchange 2007 is the e-mail system currently in use and is also part of the KDOT collaboration infrastructure. Active Directory (2003) is the focal point of our Windows 2000/2003 server network and provides the desired levels of scalability, interoperability, and manageability.

CHAPTER 3

STATISTICAL SUMMARIES

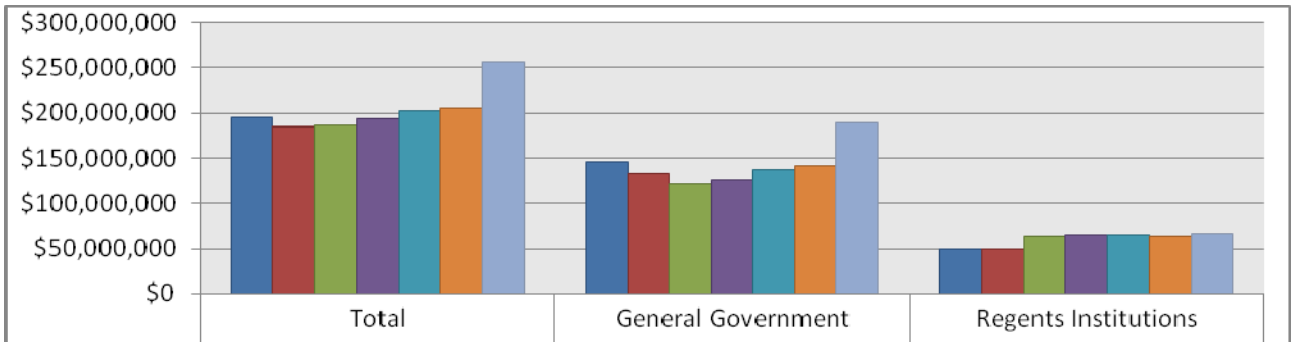
Statistics On Technology Resources

The following statistics are intended to provide a high level perspective of the resources employed by state government organizations and state universities. The total budget data was obtained from the Governor's SFY 2009 Budget Comparison Report. Information technology expenditures were obtained from the Department of Administration, Accounts and Reports and the Division of Personnel Services, which includes IT salaries and benefits, DISC mainframe charges, and all vendor payments (equipment, services and consultant fees). IT expenditure categories include: personnel, host systems, micro systems, telecommunications and consultants. Physical hardware asset data were provided by each responding agency.

The total costs of technology as a percent of total state budget indicate that Kansas continues to invest conservatively in information technology.

Seven-Year Trend of IT Expenses

Includes Classified Salary Costs.



	Total	General Government	Regents Institutions
SFY 2002	$195,271,902	$145,613,492	$49,658,410
SFY 2003	$184,272,635	$134,077,634	$50,195,001
SFY 2004	$186,118,417	$121,893,811	$64,224,607
SFY 2005	$193,008,474	$127,118,201	$65,890,273
SFY 2006	$202,308,127	$136,497,500	$65,810,627
SFY 2007	$204,990,171	$141,259,931	$63,730,240
SFY 2008	$256,464,239	$189,689,146	$66,775,093

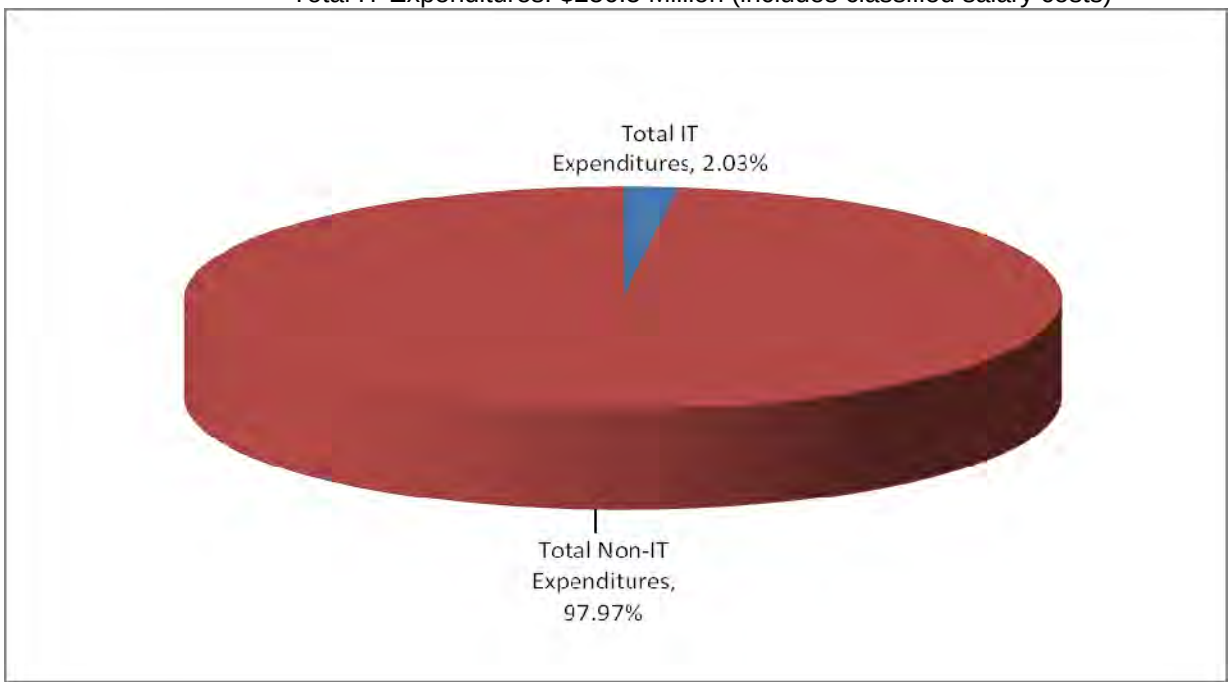
Distribution of Hardware SFY 2009 – General Government / Regents Institutions

Category	Mainframe	Servers	Virtual Servers	Desktops	Desktops Replaced	Mobile Devices
General Government	3	1,975	310	22,254	8,277	3,703
Regents Institutions	2	1,424	214	56,539	4,949	1,736
Total	5	3,399	524	78,793	13,226	5,439

Note: Physical hardware assets data were provided by each responding agency, however figures for technical assets are not reliable due to some institutions not reporting those assets.

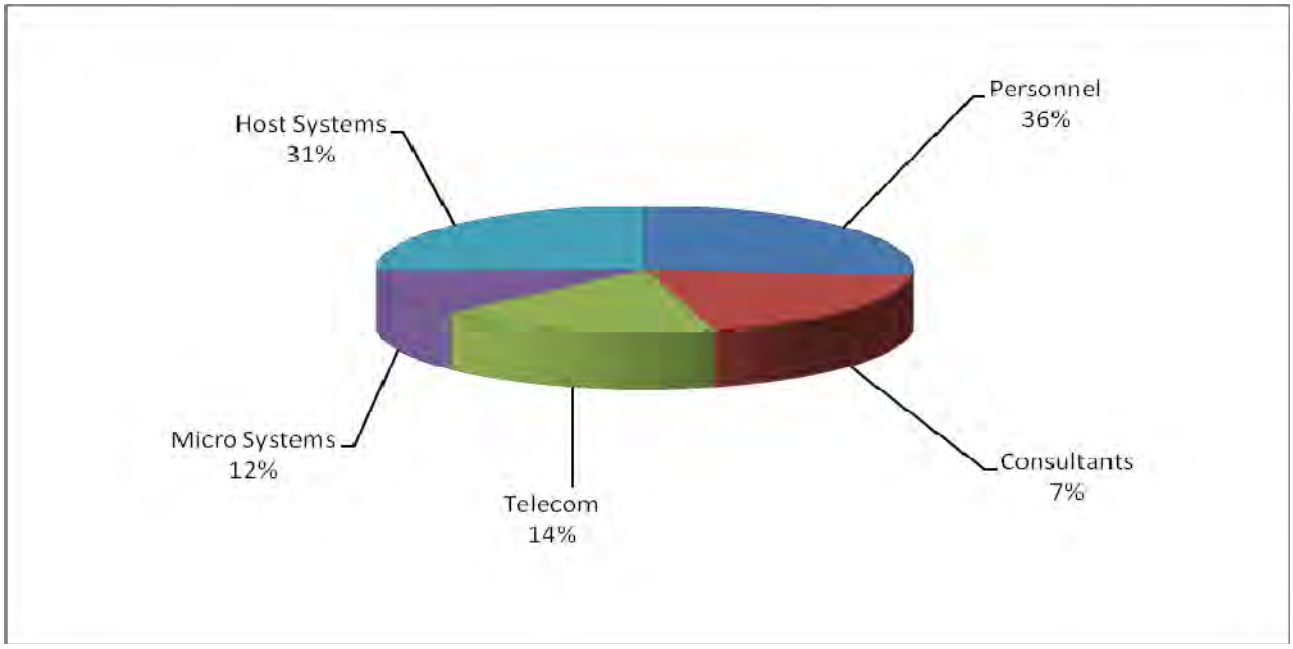
SFY 2008 State Budget & SFY 2008 IT Expenditures

Total State Budget: $12.6 Billion
Total IT Expenditures: $256.5 Million (includes classified salary costs)



Distribution of SFY 2008 IT Expenses – General Government

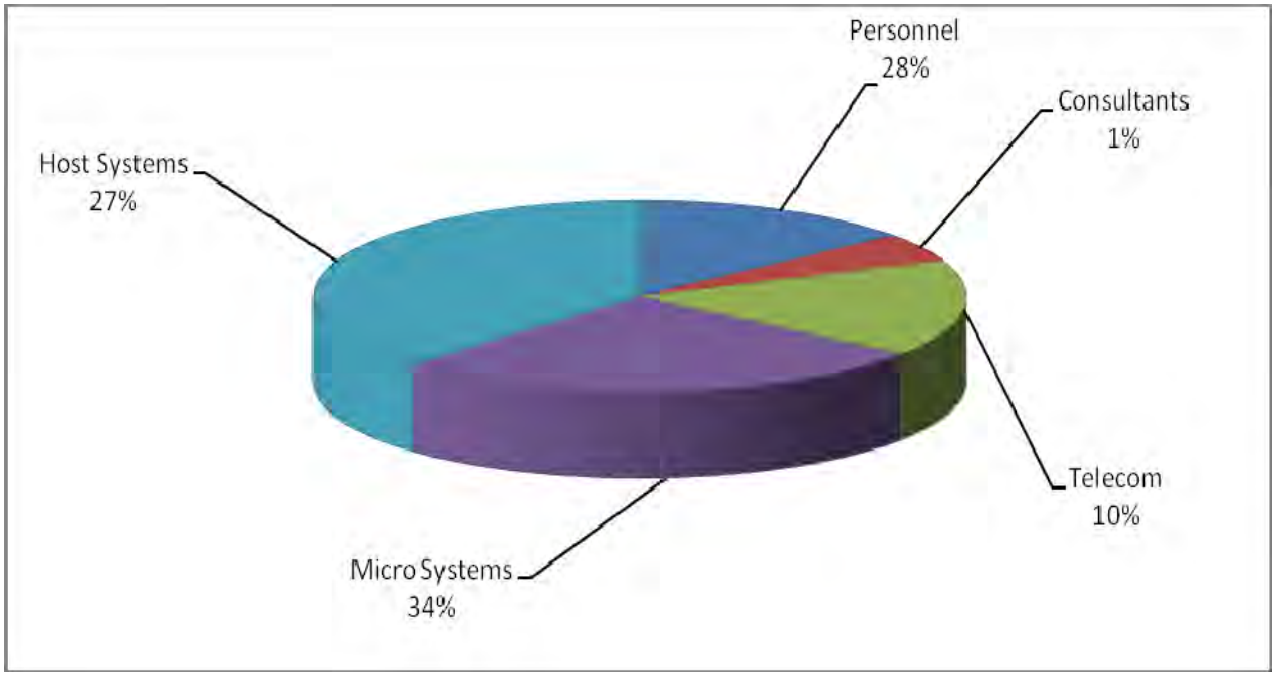
$189.7 Million



Personnel includes Classified Salaries only.

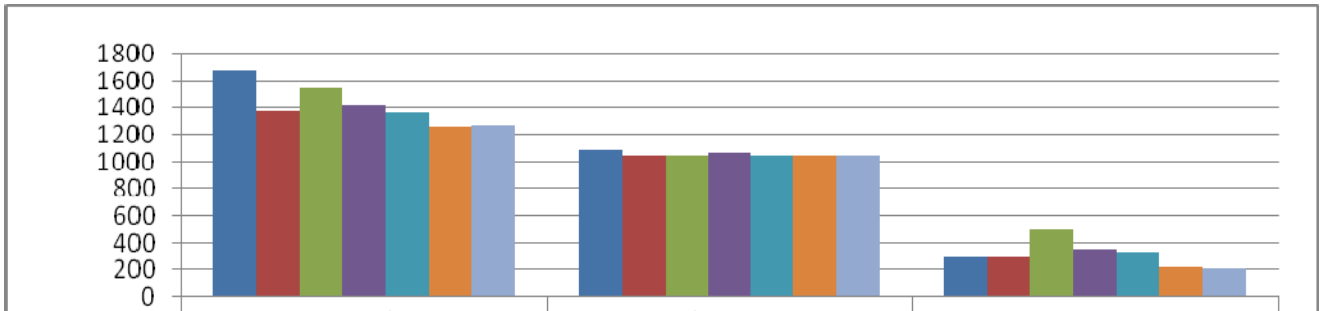
Distribution of SFY 2008 IT Expenses – Regents Institutions

$66.8 Million



Personnel includes Classified Salaries only.

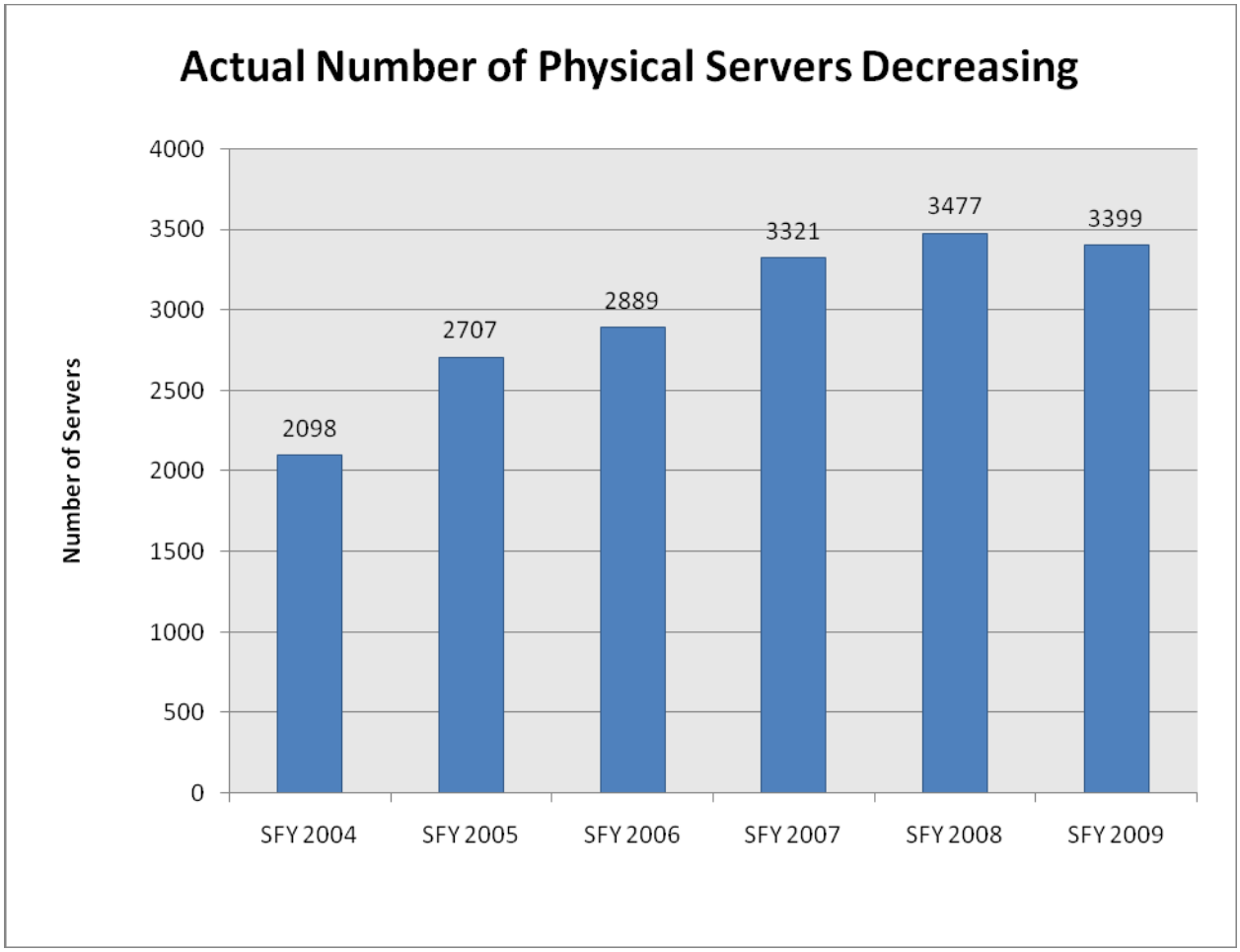
Seven-Year Trend of Total Authorized Classified IT Staff

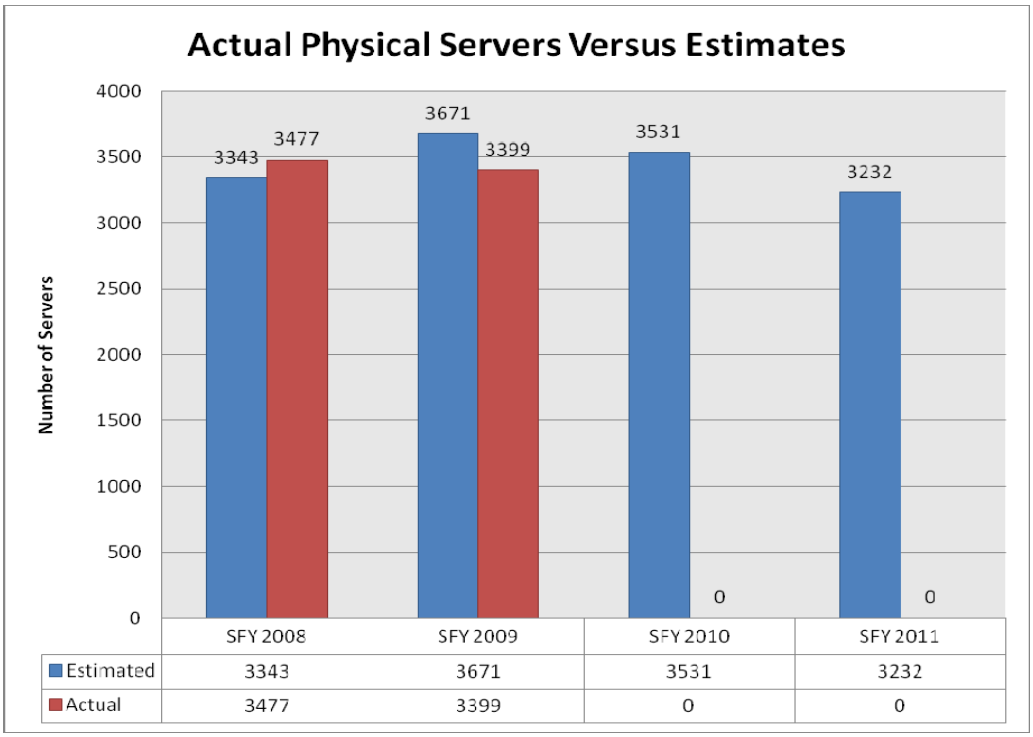


	Total	General Government	Regents Institutions
SFY 2002	1673	1085	295
SFY 2003	1380	1045	299
SFY 2004	1549	1051	498
SFY 2005	1420	1067	353
SFY 2006	1372	1049	323
SFY 2007	1262	1043	220
SFY 2008	1267	1050	217

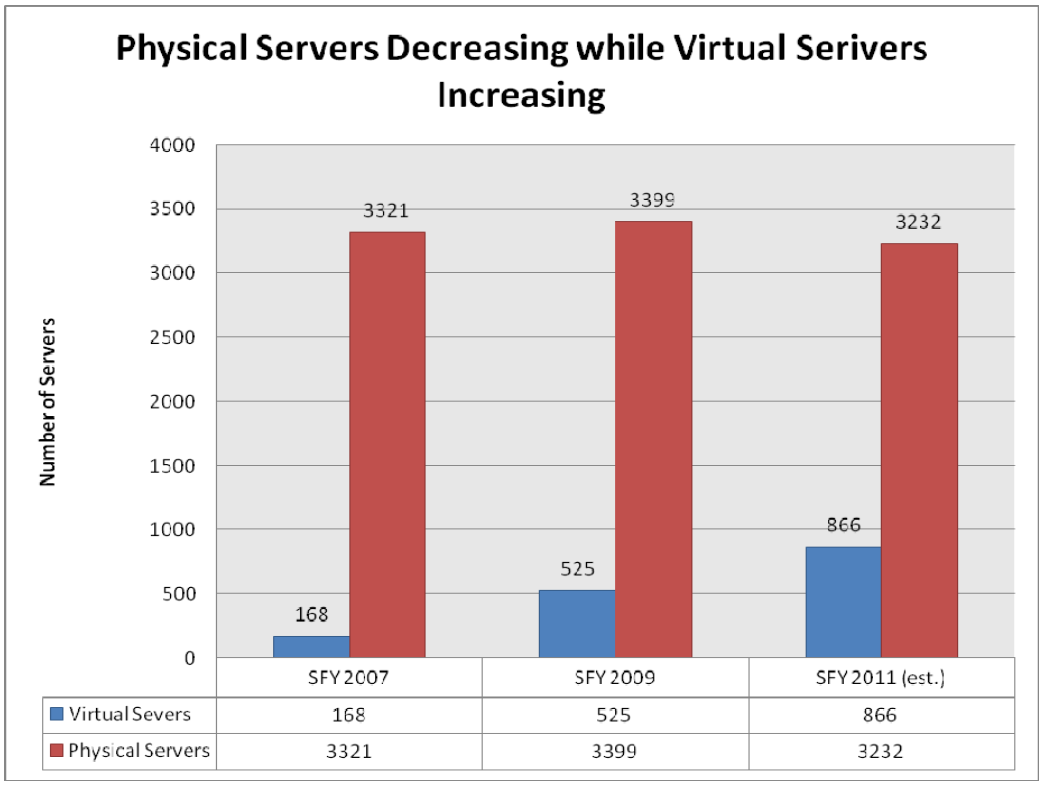
Authorized Classified IT Staff SFY 2008 – General Government / Regents Institutions

General Government	Total FTE	Regents Institutions	Total FTE
Transportation, Department of	162	Kansas State University	70
Social & Rehabilitation Services, Department of	161	Emporia State University	55
Administration, Department of	138	Wichita State University	46
Revenue, Department of	125	KU Medical Center	23
Highway Patrol	91	Pittsburg State University	15
Labor, Department of	56	Fort Hays State University	7
Health & Environment, Department of	48	Board of Regents	1
Others	268	University of Kansas	0
	1,050		217
Grand Total	**1,267**		





Note: Estimate number for SFY2008 were provided by agencies in 2005. Estimates for SFY2009 were provided in 2006. Estimates for SFY2010 were provided in 2007. Estimates for SFY2011 were provided in 2008.



CHAPTER 4

INFORMATION TECHNOLOGY PROJECTS

Project Management

The objective of the Kansas Project Management Methodology is to provide common standards to ensure information technology projects are conducted in a disciplined, well-managed, and consistent manner. The field of information technology traditionally has a poor track record in delivering projects on time and within budget.

In 1998, after extensive research on national and industry best practices, Kansas adopted its standards and created a 350-page textbook based on industries' best practices. Today, the State has trained and certified over 365 project managers through a rigorous 120-hour in-class instruction program. All participants must pass a final exam as a condition for certification.

The methodology, which requires the application of generally accepted project management processes to all State IT projects, provides a standard approach to the management of IT projects by State agencies. The methodology places a heavy emphasis on planning in the early stages of a project. It provides well-documented procedures for implementation of the required management processes.

The Kansas Standards and Certification program is highly popular in Kansas government and among vendors who do business with the State. We have trained and certified a number of vendor personnel, and subject matter experts, and we have responded to numerous requests from other states and foreign countries to use the text and certification materials.

In October 2000, the Project Management Methodology in Kansas won a first place National Association of State Information Resource Executives (NASIRE) award. In 2001, Kansas received an award for IT achievement from the National Association of State Chief Administrators (NASCA) for the State of Kansas' *IT Project Management Methodology Training*. The NASCA award is given annually for Recognition in Outstanding Achievements in the Field of Information Technology.

As project management is applied to ever increasingly complex projects, tools and more advanced practices come into play across projects, programs and organizations. As projects become more and more demanding, managers must apply these practices more consistently and extensively. Agencies expect project managers to apply skills and techniques which enable both the small and large projects to meet budget and schedule milestones, yet at the same time, exert control over the most advanced IT project development work. Thus, each project manager is expected to demonstrate continuous, personal improvement through further enhancement of their skill and knowledge levels in order to satisfy their agency's expectations.

Overview

As part of the planning process, agencies were asked to report information on planned projects with a total cost of $250,000, which the agency is proposing new state funding or has spending authority. A table summarizing each planned project by agency has been provided. The table contains the project name, estimated project cost, and start and completion dates of each project.

"Planned" projects identifies new projects by agencies that are planned only and IT Project Plans may or may not have been submitted to the Chief Information Technology Officer for project approval.

For the latest information on projects that are in Active, Completed, or Approved status, please refer to the Kansas Information Technology Office (KITO) website listed below:

http://da.ks.gov/kito/projstatusreport.htm

Summary of Planned Projects

Identifies new projects by agencies that are planned only and the IT Project Plan may or may not have been submitted to the Chief Information Technology Officer for project approval.

Department	Project Name	Estimated System Cost	Estimated Start	Estimated End
Attorney General, Office of	Case Management System	$490,000	6/2008	5/2010
Commerce, Department of	Remote Access Project	$525,000	6/2008	6/2010
Corrections, Department of	IT Infrastructure Replenishment and Ongoing Sustainment	$500,000	9/2007	To Be Determined
	TOADS/OMIS Replacement	To Be Determined	To Be Determined	To Be Determined
Health and Environment, Department of	Laboratory Information Management System	$1,400,000	7/2009	6/2012
Health Policy Authority	Eligibility/Enrollment System	$15,000,000 - $20,000,000	To Be Determined	To Be Determined
	Health Information Exchange	$250,000 - $500,000	To Be Determined	To Be Determined
Highway Patrol, Kansas	E-Citation – TRCC and KCJIS	$1,443,400	7/2007	5/2010
Investigations, Kansas Bureau of	Central Message Switch Upgrade	$575,000	7/2008	To Be Determined
	Kansas Incident Based Reporting System	$625,000	7/2008	To Be Determined
Racing and Gaming Commission	Financial Reporting System	$330,000	9/2008	12/2008

	Integrated Regulatory Information System	$250,000	9/2008	12/2008
	Kansas Expanded Lottery Act – Casino Infrastructure.	$751,000	4/2009	12/2010
Retirement System, Kansas Public Employees	Active Workflow	$775,000	7/2010	7/2012
	KITS – Financial Management System Interfaces / Lawson Functionality	To Be Determined	1/2009	7/2010
	KPERS Platform Consolidation – Gen Ledger	$250,000	To Be Determined	To Be Determined
	Sharp Interface	To Be Determined	1/2011	1/2012
Revenue, Department of	Drivers License Photo First Model Office	$927,291	1/2009	3/2010
	International Fuel Tax Agreement (Replacement)	To Be Determined	7/2009	6/2010
	Motor Carrier Central Permit (Replacement)	$1,125,000	7/2009	6/2010
Social and Rehabilitation Services	Human Services Management	$98,500,000	To Be Determined	To Be Determined
Transportation, Kansas Department of	Capital Inventory Management System	To Be Determined	7/2012	6/2013
	Consumable Inventory Management System	To Be Determined	7/2011	6/2012
	Crew Card Maintenance and Enhancements	$500,000	6/2009	6/2011
	Document Management System Replacement	$300,000 - $600,000	4/2010	12/2010

	Financial Management System Integration	$550,000 - $650,000	10/2008	6/2010
	Oversize/Overweight Vehicle Routing & Permitting System	$1,025,000 - $2,100,000	7/2011	6/2012
Emporia State University	Banner Enrollment Management Suite Implementation	$562,872	3/2009	9/2009
Pittsburg State University	Replacement Integrated Lottery System	$500,000 - $650,000	11/2007	3/2008

Attorney General, Office of the

Case Management System

CITO Approval:	Not Yet Requested		
Estimated Cost:	$490,000		
Estimated Start:	June 2008	Estimated End:	May 2010

Project Business Objectives or Motivators: Since its inception, the Office of Attorney General has worked with only rudimentary technology tools. The most sophisticated of these were a series of MS Access databases that were separately deployed in various divisions in different ways. These were used to keep track of filings but in each case failed to meet the needs of the organization they were intended to serve. Attempts to extract information from them for reporting purposes were frustrating and often expensive since they required outside services from the single vendor that knew anything about the system. These systems were not properly documented and both individually and collectively represent a risk to operations. The objective is implementation of a comprehensive Case Management System (CMS) that will provide for managing all activities associated with filings, cases and their significant progress dates and disposition in every division while at the same time providing a management reporting functions from a single source so that with agency management has a single source of information to properly manage staff resources and crucial deadlines for such things as court filings and other time sensitive events **.**

E-Government: With a proper CMS, citizens and their agents would have better access to information regarding the status of a case. Once deployed, information on case or filing status and significant dates would be available for publication to the AG website in appropriate instances. For security purposes no direct access to the CMS will be possible.

Project Description and Scope: The Office of Attorney general has operated for too long without a proper strategic information system that provides the information necessary to good resource management. This project will implement an enterprise Case Management System that will provide a comprehensive view of operations and provide each of the agencies divisions the information they need to optimize resource utilization. This project will have a significant impact on automation of routine activities such as production of documents and control of work processes and calendar events that impact virtually everyone in the organization. In doing so, the office will retire six different database systems that are not documented, have no support structure and are insufficient to both divisional and agency operations.

Project Status: This project has passed the concept phase and a search for alternatives in the market was conducted. Several products were investigated and a review of existing state contracts showed that one of the preferred products was recently acquired through competitive procurement by the Court of Tax Appeals. A budget has been prepared along with a project schedule that provides implementation across the agency during a period of approximately eighteen months.

Commerce, Department of

Remote Access Project

CITO Approval:	Not Yet Requested		
Estimated Cost:	$525,000		
Estimated Start:	June 2008	Estimated End:	June 2010

Project Business Objective(s) or Motivator(s): Due to budget limitations Commerce is no longer able to afford full-time workforce service staff in many communities. Rising travel costs and down time when personnel are in travel mode to provide outreach services reduces funds and time available to provide services. High-Definition videoconferencing provides the means to continue to provide workforce services in a less expensive way. It will spread more services to more customers especially those who are unable to travel to staff locations. This is particularly effective in reaching rural communities or persons confined to correctional institutions.

E-Government: The high definition videoconferencing system will be linked to personal computers so job search tools can be displayed at the same time as the face to face conversation between staff and the customer is taking place. This facilitates communication among job candidates, employers, and other key stakeholders without travel required by any party.

Technical Architecture: A draft copy of the High-Definition videoconferencing design recommendations is attached. This document will be finalized over the next two weeks.

Project Description and Scope: Initially this project will affect the Department of Commerce, the Local Workforce Investment Boards and their employer and job candidate customers. As the project moves forward, partnerships will be developed with the Departments of Corrections, Social and Rehabilitation Services, and various educational institutions.

Project Status: The Remote Access Project is currently in the planning stage. Cost projections have been greater than expected. The venue to utilize the technology has shifted somewhat. The primary target market is being reevaluated and we are currently seeking partners who could contribute direct dollars or video bandwidth in-kind. While the project remains very promising, the long term viability of the technology requires that partners be able to provide high levels of bandwidth over the long term. We are evaluating potential partners to provide video MCU services at a level that make the project viable from a multi-access point of view, and from a cost point of view.

Corrections, Kansas Department of

IT Infrastructure Replacement and Ongoing Sustainment

CITO Approval: Not Yet Requested
Estimated Cost: $500,000
Estimated Start: September 2007 Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): Provide IT infrastructure so that all KDOC associates can benefit from its use. Presently there is precious little technology available for use by corrections officers and thus they have to rely upon paper based mechanisms for their duties. This is very inefficient in terms of effort and lost opportunity for the officer to be performing other duties. These methods are also error prone. This project also seeks to establish an ongoing funding stream which recognizes the need to continually invest in the IT infrastructure so that it is up to date and functional.

E-Government: This investment will enable more of our operational data to be available via computer as opposed to being paper based and due to the difficulty in retrieving the paper documents is often considered to be unavailable for use or analysis.

Technical Architecture: Open standards based servers and PCs. Thin clients as well.

Project Status: Project is in the planning phase.

Total Offender Activity and Document System / Offender Management Information System (TOADS/OMIS) Replacement

CITO Approval: Not Yet Requested
Estimated Cost: To Be Determined
Estimated Start: To Be Determined Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): The present offender management information system that KDOC uses does not support the accessibility, ad hoc reporting, and data analysis ability that is required by the users. KDOC information technology staff are trying to maintain two different antiquated information systems written in RPG III, COBOL S36, and Lotus Notes. The objective of this project is to create one offender information management system that is browser based to be used by the KS Department of Corrections, Kansas Parole Board, and Community Corrections agencies. The new system will support the Department's risk reduction case planning initiative with information sharing among state agencies, local community providers, and law enforcement.

E-Government: Today our current offender information system is a closed system. Included in the plan for the new system will be an information sharing piece with local agencies.

Technical Architecture: The new offender information system will be a browser based system written in either a J2EE or .Net framework. KDOC will follow the industry and state standards on server architecture. We will be moving away from the proprietary IBM iSeries. The database technology will be driven by the software selection.

Product Description and Scope: The stakeholders included in the scope of this project are the Kansas Department of Corrections, Kansas Parole Board, Kansas Sentencing Commission, Attorney Generals office, Governor's office, all Community Corrections agencies, Kansas Bureau of Investigation, local services agencies, local law enforcement agencies, and the general public. The goal of the system is to track information on offenders beginning with Community Corrections process through incarceration and until discharge from post incarceration supervision. This system will also meet the requirements for the Association of State Correctional Administrators and National Adult Compact Information System while meeting the KDOC goal of risk reduction offender case management.

Project Status: Today KDOC is exploring different software solutions: purchasing a package or creating a system from scratch. We have reviewed four purchased packages and the package from the National Consortium. We are also exploring training options for Information Technology staff, and exploring obtaining consultant services for architectural analysis, project management facilitation, and facilitation for gathering the system requirements.

Health and Environment, Kansas Department of

Laboratory Information Management System

CITO Approval:	Not Yet Requested		
Estimated Cost:	$1,400,000		
Estimated Start:	July 2009	Estimated End:	June 2012

Project Business Objective(s) or Motivator(s): The primary goal of this project is to replace an outdated and difficult to maintain Informix LIMS (paper workbooks, paper log sheets, and Excel files used for the record keeping system) with a web-based LIMS. The LIMS will need to store data in an Oracle database. The system will need to allow entry, viewing, printing and exporting of clinical data. The LIMS will need to be capable of storing all data contained in the current database. The system will also be required to interface with the current laboratory instruments. Additionally, the implemented solution must address the workflow needs within the Health and Environment: laboratory test processing (clinical and environmental); test scheduling; proactive specimen/sample collection (prescheduled tests); specimen and sample tracking/chain of custody; media, reagent, stains, controls, manufacturing; inventory control including kits and forms management, general laboratory reporting that meets HL7 guidelines; quality control (QC) and quality assurance (QA) management; statistical analysis and surveillance; ability to bill for laboratory services; capture electronic documents and save copies to the ImageNow DMS; interface with the CDC database; and provide electronic data exchange (HL7).

E-Government: User access, security and administration would be compliant with all aspects of the Health Insurance Portability and Accountability Act (HIPAA information: http://www.cms.hhs.gov/HIPAAGenInfo/, and the Center for Disease Control (CDC).

Technical Architecture: The LIMS will utilize the Microsoft .Net Framework 3 tier architecture, an Internet browser front-end for accessing the system externally, existing KDHE security log-in authentication, a public faced web server, and an application and database server behind a DMZ.

Project Description and Scope: The Kansas Department of Health and Environment, will solicit proposals to provide for the purchase and support of technical assistance in planning, developing, implementation and support of a comprehensive, integrated web-based solution to address the information management and electronic communication needs of a LIMS. The implemented solution must enable Kansas physicians and other healthcare providers to order tests and specimen examinations over the Internet as well as receive the results over the Internet.

Project Status: This project is currently being reviewed. Additional information will be needed prior to submitting a request for approval to KITO.

Health Policy Authority, Kansas

Eligibility / Enrollment System

CITO Approval:	Not Yet Requested	
Estimated Cost:	$15,000,000 - $20,000,000	
Estimated Start:	To Be Determined	Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): To implement a more flexible and maintainable eligibility system, utilizing current technology to meet current needs and those of future Health Care Reform initiatives.

E-Government: The system should have the capability to streamline the process for Kansas citizens to apply for medical benefits.

Technical Architecture: Web based relational data base desired.

Project Description and Scope: The system will be used extensively by KHPA staff to manage all aspects of the application and tracking process related to Medicaid eligibility and state employee health insurance membership management. It should also provide better access to information for Kansas residents and other State agencies involved in these processes.

Project Status: The project has not started. Planning may start in FY2008, and KHPA is anticipating a minimum of 18 months for implementation. KHPA and SRS will collaborate on this project and the two agencies will jointly submit Project Plans involving the eligibility/enrollment system for CITO approval.

Health Information Exchange

CITO Approval:	Not Yet Requested	
Estimated Cost:	$250,000 - $500,000	
Estimated Start:	To Be Determined	Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): To direct and/or participate in State and federal initiatives to improve health care related processes and outcomes via electronic exchange of information.

Technical Architecture: Conform to national standards for format and content of records allowing data from disparate systems to be shared.

Project Description and Scope: The goal is to make various health care information available to care providers, payers, and beneficiaries to improve access, outcomes, and administrative processes in the health care arena.

Project Status: KHPA is participating in a pilot project in Sedgwick County. Future efforts are not fully defined as of now.

Highway Patrol, Kansas

E-Citation – TRCC and KCJIS

CITO Approval:	Not Yet Requested		
Estimated Cost:	$1,443,400		
Estimated Start:	July 2007	Estimated End:	May 2010

Project Business Objective(s) or Motivator(s): The purpose of adopting a statewide electronic Uniform Traffic Citation (UTC) is to create a standard data set to be collected by law enforcement for all citations issued in the state of Kansas. The development of a UTC will facilitate the development of a statewide traffic citations repository. The purpose of a Statewide Citation Repository is to provide issuance-to-resolution tracking of citations issued throughout the state of Kansas in order to facilitate statistical reporting on a regional or statewide basis. The repository will also allow law enforcement agencies to identify opportunities associated with the issuance of, or corrective measures taken for, traffic citations issued in Kansas.

E-Government: The project will enable law enforcement officials to download forms, input data and issue citations electronically. All citations will be maintained in a statewide citations repository, allowing online access to data for purposes of statistical analysis and reporting by multiple state agencies.

Technical Architecture: Decisions regarding technical architecture for the E-Citations project are dependent on the solution selected in the TRCC-FBR project and the results of requirement gathering. New infrastructure including both hardware and software will be required to support this project.

Project Description and Scope: KHP will lead the project, with funding from the Kansas Legislature and participation by local law enforcement agencies, KDOT, and OJA IT staff. The project team will gather requirements for a Uniform Traffic Citation from law enforcement agencies and develop a draft UTC. KHP will develop the repository solution and contract for services. After testing and revision, the team will distribute the UTC to law enforcement agencies. This is a Traffic Record Coordinating Committee project.

Project Status: The project is in the pre-planning stages.

Investigation, Kansas Bureau of

Central Message Switch Upgrade

CITO Approval: Not Yet Requested
Estimated Cost: $575,000
Estimated Start: July 2008 Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): An unsupported, aged, message ***switch*** must be replaced/upgraded for Kansas to continue providing timely, state of the art information to law enforcement and other criminal justice agencies throughout the state and the nation.

E-Government: Through the use of the Internet and electronic communications, the message switch provides access to a wealth of information at state and federal levels to 8000+ Kansas users and 300,000+ users nationwide from the law enforcement and criminal justice community, information that cannot be accessed reasonably in a manual or form-based fashion.

Technical Architecture: The project will move the state and the KCJIS system forward dramatically in the areas of Service Oriented Architecture and the adoption of robust XML technologies.

Project Description and Scope: All criminal justice agencies in the state of Kansas will receive new, enriched content, but only the KBI and a few agencies with directly programmed connections to the state CMS will be directly affected.

Project Status: The need has been recognized and a rough estimate derived for the project cost. Specific products and vendors have not yet been identified pending the availability of funding for the project.

Kansas Incident Based Reporting Replacement

CITO Approval: Not Yet Requested
Estimated Cost: $625,000
Estimated Start: July 2008 Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): An aged KIBRS system no longer supports the needs of local law enforcement nor state and federal agencies requiring incident data. The existing system does not provide timely nor accurate data and is not sufficiently extensible to meet the needs of new collaborative efforts such as N-Dex. The system must be replaced.

E-Government: Through the use the Internet and electronic communications the KIBRS system will collect comprehensive incident and arrest data that is essential for a comprehensive Central Criminal History Repository. The Criminal History Repository provides timely information to criminal history agencies across the nation. But only when it is coupled with timely incident and intelligence data can it realize its value as an investigative and crime analysis tool.

Technical Architecture: The project will move the state and the Criminal History Repository forward dramatically in the areas of Service Oriented Architecture and the adoption of robust XML technologies. It will place Kansas at the leading edge of state Criminal History Repositories and crime analysis capabilities.

Project Description and Scope: All criminal justice agencies in the state of Kansas will have access to new, reliable incident information for crime reporting and analysis. All agencies with directly programmed connections to the existing KIBRS system will be directly affected.

Project Status: A needs analysis has been funded and is expected to complete in late FY08. Specific funding needs and timelines for developing the replacement system will be an outcome of the needs analysis. The agency has dedicated $250,000 to go towards the completion of the project and will be seeking additional funding as indicated by the needs analysis.

Racing and Gaming, Kansas

Financial Reporting System

CITO Approval:	Not Yet Requested	
Estimated Cost:	$330,000	
Estimated Start:	September 2008	Estimated End: December 2008

Project Business Objective(s) or Motivator(s): This project will be undertaken by KRGC staff working with Gaming Laboratories International to complete a system to allow independent gathering of financial data from the casinos.

Data will be entered by both Casino personnel and KRGC staff on a real time basis. Auditing of the data will be accomplished by KRGC staff. Casinos and KRGC staff will have tools to access services and data with a high level of security and reliability.

Technical Architecture: The project implements using Microsoft Sequel Server technologies.

Project Status: The project is currently in the planning stage.

Integrated Regulatory Information System

CITO Approval:	Not Yet Requested	
Estimated Cost:	$250,000	
Estimated Start:	September 2008	Estimated End: December 2008

Project Business Objective(s) or Motivator(s): This project will be undertaken by KRGC staff working with Gaming Informatics to complete a system to allow independent gathering of financial data and to maintain an inventory of electronic gaming machines and their status.

Data will be entered by both Casino personnel and KRGC staff on a real time basis. Auditing of the date will be accomplished by KRGC staff. Casinos and KRGC staff will have tools to access services and data with a high level of security and reliability.

Technical Architecture: The project implements using Microsoft Sequel Server technologies.

Project Status: The project is currently in the planning stage.

Kansas Expanded Lottery Act – Casino Infrastructure

CITO Approval:	Not Yet Requested	
Estimated Cost:	$751,000	
Estimated Start:	April 2009	Estimated End: December 2010

Project Business Objective(s) or Motivator(s): This project will be undertaken by KRGC staff, working with the Kansas Lottery and DISC to install telecommunication lines, computer hardware and software and other equipment needed in the 4 Kansas Casinos to meet the statutory requirements set out in the Kansas Expanded Lottery Act (2007 Senate Bill 66).

E-Government: This project will use the new racing and gaming licensing system allowing staff to access gaming and racing licenses, case tracking, and law enforcement data on a real time basis. Casinos will have the tools to access services directly from the KRGC offices providing for high levels of security and reliability.

Technical Architecture: This project implements a web-based user interface using Microsoft Sequel Server technologies.

Project Status: The project is currently in the planning stage.

Retirement System, Kansas Public Employees

Active Workflow

CITO Approval:	Not Yet Requested		
Estimated Cost:	$775,000		
Estimated Start:	July 2010	Estimated End:	July 2012

Project Business Objective(s) or Motivator(s): This project will be designed to improve and enhance customer service by tracking applications from receipt through final action.

Technical Architecture: Active workflow will be built utilizing KITS architecture using an n-tier application architecture that allows software developers to create flexible and reusable software. In n-tier architecture, the entire application is divided into several pieces. These pieces can be logical or physical. Each piece performs a specific task such as displaying user interface or data access. There can be any number of layers of such pieces.

Project Description and Scope: The intent of the Active Workflow project is to improve the efficiency of several key KPERS business processes through the use of rules-based work routing and work processing. There are ten key business processes that will be re-evaluated and reengineered for efficiencies. The system will provide the ability to distribute work based on defined triggering events and unique conditions from the following sources:

- Imaging and Indexing System
- Employer Self Service Web Portal
- Member Self Service Web Portal
- KPERS Internal KITS System

The system will also provide workflow management reporting.

Project Status: Planning Phase.

KITS – Financial Management System Interfaces / Lawson Functionality

CITO Approval:	Not Yet Requested		
Estimated Cost:	To Be Determined		
Estimated Start:	January 2009	Estimated End:	July 2010

Project Business Objective(s) or Motivator(s): The States FMS project may require minor or major modifications to KITS in order to maintain the exchange of information and the processing of benefit payments. Depending upon the functionality available in the States new FMS It may be necessary for KPERS to replace the functionality currently provided by the LAWSON software.

Technical Architecture: Any changes or new system will comply with the Kansas Information Technology Architecture Standards.

Project Description and Scope: Cannot be determined until specifications are available from the FMS vendor.

Project Status: Hold.

KPERS Platform Consolidation – General Ledger

CITO Approval: Not Yet Requested
Estimated Cost: $250,000
Estimated Start: To Be Determined Estimated End: To Be Determined

Project Business Objective(s) or Motivator(s): The KITS system is being developed on a Windows platform. KPERS' general ledger system resides on KPERS' AS/400. Having core business systems running on separate platforms increases operational and support costs and makes disaster recovery problematic. KPERS has chosen to separate this project from the other platform consolidation efforts until the state makes a decision concerning the replacement of Statewide Accounting and Reporting System (STARS).

Technical Architecture: The KITS system uses the Windows platform for processing.

Project Description and Scope: KPERS has chosen to separate this project from the other platform consolidation efforts until the state makes a decision concerning the replacement of STARS. This project will complete the migration of KPERS' business support systems from the multiple platforms, (Mainframe, Midrange and Windows) that evolved over the last 30 years to a single supportable architecture that will provide business users with streamlined functionality improve productivity.

Project Status: This project is on hold pending the Statewide Financial Management System.

Sharp Interface

CITO Approval: Not Yet Requested
Estimated Cost: $250,000
Estimated Start: January 2011 Estimated End: January 2012

Project Business Objective(s) or Motivator(s): A direct interface with SHARP will provide KPERS with most if not all of the data currently reported through annual contribution reporting and eliminate many reporting requirements. Additionally this direct interface would facilitate processing of benefit estimates and retirements.

Technical Architecture: The SHARP interface will comply with the Kansas Information Technology Architecture Standards.

Project Description and Scope: Unknown at this time.

Project Status: Concept.

Revenue, Kansas Department of

Drivers License Photo First Model Office

CITO Approval:	Not Yet Requested		
Estimated Cost:	$927,291		
Estimated Start:	January 2009	Estimated End:	March 2010

Project Business Objective(s) or Motivator(s): Developing a Photo First Model Office will assist the Division of Vehicles in strengthening security practices, preventing fraud and providing valuable investigative tools. Currently, no other state has a photo-first workflow process to follow for best practices. Kansas plans on implementing a “proof of concept” office in one Kansas location that will serve as the implementation model for the rest of the state.

E-Government: Implementing a photo first model office will implement an efficient workflow process and enhances the application process by taking advantage of the following technologies:

1. The applicant’s photo will be electronically compared to the previous photo immediately. Today, the real-time comparison is completed by the examiner.

2. New source document authentication equipment will assist our examiners in detecting fraudulent documents.

3. A new document scanning and storage system will allow us to electronically retain and retrieve documents presented at the application.

4. New PC workstations will have bio-logon (fingerprint) reader ability for an added security measure and audit trail.

5. The new model office will be designed to seamlessly meet future compatibility with multiple interfaces such as the AAMVA hub (EVVE, SAVE, DIEP).

6. Incorporates the ICAO image quality standard. This will prevent our examiners from accepting a poor quality photo.

7. Drivers License card readers will allow applicant information contained within the barcode of the existing drivers license to be pre-populated to save time and prevent manual data entry errors.

Technical Architecture: The current Drivers License processing environment integrates the mainframe Kansas Drivers License System (KDLS), with Digimarc's Windows and Solaris based Central Image Processing System and Drivers License Capture Stations with KDOR's enterprise FileNet image management system. The Photo First Model Office will leverage this existing environment to add real-time photo verification using Digimarc developed software that will integrate with Digimarc's facial recognition software. Currently, KDOR uses Digimarc facial recognition software in batch mode to match Drivers License applicant photos after they are written to the Digimarc Central Image Repository during the nightly batch process. This enhancement to the existing system will allow KDOR to perform facial recognition immediately after the applicant photo has been taken.

Project Description and Scope: The Photo First Model Office will impact all applicants that visit the main drivers license office located at 3907 Southwest Burlingame Road in Topeka.

The project includes implementation of a new workflow process that captures the photo first while providing the enhanced ability to complete an electronic 1:1 photo comparison. In addition, the photo of the applicant will follow the applicant throughout the transaction to prevent fraud.

The new bio-logon workstations will offer a new security feature with audit ability while the new card readers will save time and prevent data entry errors. The new document authentication system will give us an additional tool to verify security features within source documents that is completed solely by the examiner today. The new document capture and storage system will enable our office to capture, store and retrieve applicant source documents for future reference.

This model office project will enhance our ability to detect and prevent fraud within an efficient software system.

Project Status: The project is on hold awaiting resource availability.

International Fuel Tax Agreement (Replacement)

CITO Approval:	Not Yet Requested	
Estimated Cost:	$250,000	
Estimated Start:	July 2009	Estimated End: June 2010

Project Business Objective(s) or Motivator(s): The on-going Commercial Vehicle Information Systems and Networks (CVISN) state plan which attempts to get organization computer systems and personnel to communicate with each other. The KHP, KDOR, KCC, and KDOT have been pursuing grants from the U.S. Department of Transportation- Federal Motor Carrier Safety Administration in efforts to achieve this objective.

The existing Kansas International Fuel Tax Agreement (IFTA) is a mainframe based application that was developed by KDOR Information Services associates and last written in 1994. Our current registration system for IFTA utilizes the Taxpayer Registration System (TRS) which is a separate system than the taxpayer accounting system. IFTA was written in Natural Construct and utilizes an ADABAS database management system. This project will replace IFTA with a web-based solution for issuing Motor Carriers License, Renewals, Decal Orders, and temporary decal permits which is accessible to citizens, businesses and government.

The replacement of the current mainframe system and the Kansas.gov permit application allows for a fully integrated application that will provide all functions and processes from a single database.

Currently, we have 3,461 active IFTA accounts licensed. We are required to verify any new IFTA licensee to ensure they have not been previously or are currently licensed in another jurisdiction with a noncompliance standing.

E-Government: Implementing the IFTA replacement will provide a more efficient workflow process and improve the customer service provided by the IFTA staff.

1. IFTA filing of original and amended Returns, New IFTA Licenses, Renewals, Decals orders, and temporary decal permits.

2. The new system will be available 24/7 from any location and will allow staff to provide support for law enforcement in a timely manner.

3. Currently, IFTA processes 56% percent for quarterly returns and 35% percent of the renewals are filed electronically. The down side is this requires IS intervention to pull the information into our system.

4. The new system will provide for incident tracking (i.e. improves safety by identifying noncompliant carriers.)

5. Supports distribution of compliance and safety information to enforcement officials at the roadside via a state-of-the-art secure communication backbone.

6. Improves the fuel tax transaction process.

7. Communicate with other agencies computer system.

8. Obtain access to Kansas CVIEW via the internet in order to query carrier and vehicle safety information for use in roadside enforcement activities.

Technical Architecture: Will be consistent with KDOR's approved direction for system architecture, but the exact specifics have not been determined.

Project Description and Scope: It is the purpose of IFTA to promote and encourage the fullest and most efficient possible use of the highway system by making uniform the administration of motor fuels use taxation laws with respect to motor vehicles operated in multiple member jurisdictions; to establish and maintain the concept of one fuel use license and administering base jurisdiction for each Kansas licensee.

IFTA is dedicated to application of cost-effective intelligent transportation technologies and streamlining existing process that will improve transportation safety and administration efficiency of both motor carriers and the state.

The KDOR IFTA section is responsible for the issuance of motor carrier License, Return filing, Renewal, Decal orders and temporary decal permits.

- The application will maintain a financial database and have the ability to create accounting, production and various ad-hoc reports.

- The system will provide the ability to accept and issue IFTA applications using an electronic file format.

- IFTA new registration system. - currently using the Taxpayer Registration System (TRS).

- The new system will be available 24/7 from any location and will allow staff to provide support for law enforcement in a timely manner.

- The new web based application will provide easier access to other agencies.
- The IFTA team receives and sends transmittals and money to and from other jurisdictions.
- System will allow for split tax rates for another jurisdiction (Jurisdiction changes a tax rate during the middle of a quarter.)
- Ability to adjust the interest rate, if needed.
- Communication with Other Jurisdictions, UCR, KCC, IRP, PVD, IFTA Clearinghouse, Counties, VIPS Replacement system, CVIEW, and USDOT.
- Improved correspondence features.
- Improved audit capabilities.

Project Status: Planning.

Motor Carrier Central Permit (Replacement)

CITO Approval:	Not Yet Requested		
Estimated Cost:	$1,125,000		
Estimated Start:	July 2009	Estimated End:	June 2010

Project Business Objective(s) or Motivator(s): The existing Kansas Motor Carrier permit system is the Motor Carrier Central Permit (MCCP). It is a mainframe-based application that was developed by KDOR Information Services associates and last re-written in 1995. The system is written in Natural Construct and utilizes an ADABAS database management system. This project will replace MCCP with a web-based solution for issuing motor carrier legalization permits, which is accessible to citizens, businesses and government.

The replacement of the current mainframe system and the Kansas.gov permit application allows for a fully integrated application that will provide all functions and processes from a single database.

The number of Super Load permits issued has risen dramatically in the last few years (from 432 in 1999 to 6,404 in 2007). Much of the recent increase is due to the movement of wind towers into, or through, the state.

Statistics show that freight traffic will double in the next 15 years. Railroads are building capacity to meet the demand, but the excess will be taken up by trucking companies.

The current routing process is a cumbersome manual process. Multiple paper maps and KDOT web applications are involved in determining an acceptable route for an oversize/overweight load.

E-Government: Implementing the MCCP replacement will provide a more efficient workflow process and improve the customer service provided by the Kansas Trucking Connection staff.

1. KDOT is developing a routing system for use on oversize / overweight loads traveling on Kansas Highways. This project will allow KDOR to leverage all of the features being developed by the KDOT routing system.

2. The new system will require a requestor to identify the carrier responsible for safety of the load; web service calls will insure the carrier is in compliance with all safety regulations prior to issuing a permit.

3. The new system will be available 24/7 from any location and will allow staff to provide support for law enforcement in a timely manner.

4. Currently Kansas processes 25% percent of the permits electronically. The state of Nebraska implemented an integrated permit and routing system and is reporting 64% of its permits being processes electronically.

5. The new system will provide for incident tracking (i.e. pulled permits and hit bridges) base on reports by the KHP.

6. The new system will provide enhanced tracking for Annual permit users.

7. The new system will provide reports for overweight loads and the routes traveled by these loads.

Technical Architecture: Will be consistent with KDOR's approved direction for system architecture, but the exact specifics have not been determined.

Project Description and Scope: The KDOR Motor Carrier Services Bureau is responsible for the issuance of motor carrier permits. Motor carrier permits include several types of permits including oversize /overweight, registration, fuel and harvest permits. The different permit types require unique business processing rules and distribution of the funds collected.

- KDOT is developing a routing system for use on oversize / overweight loads traveling on Kansas Highways. This project will allow KDOR to leverage all of the features being developed by the KDOT routing system.

- The new system will require a requestor to identify the carrier responsible for safety of the load; web service calls will insure the carrier is in compliance with all safety regulations prior to issuing a permit.

- The application will maintain a financial database and have the ability to create accounting, production and various ad-hoc reports.

- The system will provide the ability to accept and issue permit applications using an electronic file format.

- The new system will be available 24/7 from any location and will allow staff to provide support for law enforcement in a timely manner.

- KDOR provides access to the MCCP application to KHP Motor Carrier Stations. The new web based application will provide easier access to the KHP and MCSB staff.

Project Status: Planning

Social and Rehabilitation Services

Human Services Management

CITO Approval:	Not Yet Requested		
Estimated Cost:	$98,500,000		
Estimated Start:	To Be Determined	Estimated End:	To Be Determined

Project Business Objective(s) or Motivator(s): The mission of the State of Kansas is to provide services Kansans want and need in the most cost effective and responsible manner. To further the mission, SRS wishes to implement an HSM system that will include an Integrated Service Delivery model to better serve Kansans. HSM will be a business and technology project to produce outcome-based, client-centered, integrated delivery of services across needs-based and contribution-based programs. HSM will provide SRS with a comprehensive view of a client across programs in order to integrate service delivery and achieve positive outcomes. This will be accomplished by implementing an integrated infrastructure approach. This approach will allow multiple programs to be supported, using consistent and standard-based technology and management practices. By taking a customer-focused approach to serving Kansans in place of the normal “stove piped” program approach, more effective service delivery can be provided by better determining the services that Kansans are eligible for by providing a single interface to various programs. This approach will make the transition from a traditional, program-driven approach to a client-centered, outcome-based environment using an integrated service delivery model.

E-Government: To provide the most automated methods for delivering SRS government services through multiple customer-oriented service channels.

Technical Architecture: The architecture will be developed as a Service Oriented Architecture (SOA) following industry best practices, within State of Kansas guidelines. SOA provides greater flexibility for the interaction of multiple applications and business units.

Project Description and Scope: The scope of this project is to implement modern integrated IT systems which enable the delivery of SRS services in a client-focused, outcome driven manner.

Project Status: The details of this project will be developed during the Human Services Management (HSM) Roadmap. When the HSM Roadmap is complete, additional documentation for this project will follow.

Transportation, Kansas Department Of

Capital Inventory Management System

CITO Approval: Not Yet Requested
Estimated Cost: To Be Determined
Estimated Start: July 2012 Estimated End: June 2013

Project Business Objective(s) or Motivator(s): The current Capital Inventory system was custom developed in the mid 1980's. Although this application was upgrade to DB2 in the past, the environment it resides in has become more difficult to support and upgrade. The ability to integrate the information contained within this application with new KDOT applications has become an issue for continued development. KDOT business requirements have changed significantly. This system has undergone several modifications, the design has remained unchanged. New data requirements and business rules continually evolve requiring work arounds for the system. This Capital inventory system is utilized across the state in all KDOT offices and locations. A replacement for Capital Inventory would allow KDOT to take advantage of new business needs and allow KDOT to expose the KDOT asset data to new systems.

E-Government: At this time, this system is not planned to have e-government utilization.

Technical Architecture: Will be consistent with KDOT's approved direction for systems architecture, but specifics have not been determined.

Project Description and Scope: The scope of this project would be to replace the existing Capital Inventory system. This system will maintain the inventory of equipment and capital expenditures by category and location. Inventory subsystems include; building, land, materials, office equipment, radios, shop equipment and storage areas. This system would be designed to provide a solution for KDOT agency wide. This system has interfaces to multiple KDOT systems; interfaces would also be addressed to insure that existing systems would maintain functionality. As the state Department of Administration proceeds with its new FMS replacement application, KDOT would review the capabilities and functionality provided with that system. The new FMS system has included an Asset management module within the project scope.

Project Status: Planning.

Consumable Inventory Management System

CITO Approval: Not Yet Requested
Estimated Cost: To Be Determined
Estimated Start: July 2011 Estimated End: June 2012

Project Business Objective(s) or Motivator(s): The current Consumable Inventory system was custom developed in the mid 1980's. The software technology (VSAM, CICS, Cobol) utilized to build this application has become functionally obsolete. The primary file structure has proven to be incompatible with new emerging technologies. The ability to integrate the information contained within this application with new KDOT applications has become an issue for continued development. KDOT has also had the desire to utilize 'bar' coding technologies for inventory. Bar coding solutions will not work in the current technical architecture. This system is utilized across the state in all KDOT offices and locations. By implementing a new system, including the bar coding technology would allow KDOT to upgrade systems to take advantage of new business needs and allow KDOT to expose the consumable data to new systems.

E-Government: At this time, this system is not planned to have e-government utilization.

Technical Architecture: Will be consistent with KDOT's approved direction for systems architecture, but specifics have not been determined.

Project Description and Scope: The scope of this project would be to replace the existing 25 year old consumable inventory system. Consumable inventory system is responsible for maintaining inventory locations, stock item descriptions, process receipts issues and transfers. This system would be designed to provide a solution for KDOT storekeeper's agency wide. This would include a bar coding solution for inventory management. This legacy system has interfaces to multiple KDOT systems, including Crew Card; Interfaces would also be addressed to insure that existing systems would maintain functionality. As the state Department of Administration proceeds with its new FMS replacement application, KDOT would review the capabilities and functionality provided with that system. Although the new FMS system did not include Consumable inventory as within scope, the selected software could provide an integrated tracking a procurement system at a later implementation.

Project Status: Planning

Crew Card Maintenance and Enhancements

CITO Approval:	Not Yet Requested	
Estimated Cost:	$500,000	
Estimated Start:	June 2009	Estimated End: June 2011

Project Business Objective(s) or Motivator(s): Additional enhancements could eliminate duplicate entry of data to shop mechanic employee time and shop management system and prepare DOT 359. Additional service due/service performed preventative maintenance items could eliminate the Preventative Maintenance System and many local spreadsheets currently used to track this information.

E-Government: At this time, this system is not planned to have e-government utilization.

Technical Architecture: Will be consistent with KDOT's approved direction for systems architecture, but specifics have not been determined.

Project Description and Scope: Enhancements to current Smart Client .Net windows application to allow GUI for data entry of shop mechanics time to prepare DOT 359, interface to Shop Management System and allow tracking of additional preventative maintenance items (i.e. filters, rotate tires, etc.). Provide a "view only" mode for certain users, automatic approval for AOM's in Area Offices, move accident and loss data to the workflow DOT 1612, and update the new sign inventory system when completed. Other possible enhancements include, Develop 306 Form on PDA to record crew's information. Allow tracking of other consumable items besides yard maintenance materials. Review Crew Cards architecture to allow for a wireless solution in the future. Move forward with Geospatial enablement to interface with features inventory.

Project Status: Planning

Document Management System (Replacement)

CITO Approval:	Not Yet Requested	
Estimated Cost:	$300,000 - $600,000	
Estimated Start:	April 2010	Estimated End: December 2010

Project Business Objective(s) or Motivator(s): To upgrade or replace the existing technology before the products are technically obsolete and become unsupported.

Technical Architecture: The technology will be upgraded or replaced. The current architecture is a web-based system and the intent is to maintain this direction.

Project Description and Scope: The project will include upgrading or replacing five production document management libraries. If the products are replaced then a major conversion effort will be necessary to move the documents to the new technology. Currently there are over two million documents.

Project Status: Budget has been approved in Fiscal Year 2009 to analyze the existing system, evaluate existing products, and determine an approach. The project is planned for Fiscal Year 2010.

Financial Management System Integration

CITO Approval:	Not Yet Requested	
Estimated Cost:	$550,000 - $600,000	
Estimated Start:	October 2008	Estimated End: June 2010

Project Business Objective(s) or Motivator(s): As the state Department of Administration proceeds with its FMS replacement project, KDOT will need to integrate many of its financial systems with the state's new FMS. KDOT has some aging financial systems that have been scheduled for replacement for several years and the new FMS will provide some of that functionality.

E-Government: There is anticipation that some manual/paper processes involving KDOT business partners may be replaced with electronic/paperless workflow. Most processes are currently automated through various systems. Additional processes in the new system will involve electronic workflows and the need to identify and authenticate users who access the system.

Technical Architecture: Will be consistent with KDOT’s approved direction for systems architecture, but the specifics have not yet been determined.

Project Description and Scope: Develop migration plans, design a new financial architecture (including using the state's new FMS), implement current system evolutions, and new system functionality. While many of the details of FMS have yet to be determined, the state has completed an updated cost benefit study for replacement of the accounting and purchasing systems and possible enhancements to the budget system and is currently in vendor negotiations for the replacement project. The study includes the replacement of state agency procurement and accounting systems. KDOT will need to follow this project closely to determine if its needs are met, and to make any necessary changes to the interfaces with KDOT's financial systems. State modules that KDOT may use include; general ledger, budget, purchasing and accounts payable. The state payroll system was recently updated and will remain in place.

Project Status: KDOT continues to work with the FMS project team to determine what changes will be necessary to be made to its systems.

Oversight / Overweight Vehicle Routing and Permitting System

CITO Approval:	Not Yet Requested		
Estimated Cost:	$1,025,000 - $2,100,000		
Estimated Start:	July 2011	Estimated End:	June 2012

Project Business Objective(s) or Motivator(s): It is the responsibility of KDOT to route superload trucks (with loads greater than 150,000 pounds or having axle weights greater than what the standard permit allows) through the state of Kansas. This task is completed by the Bridge Management department at KDOT and the Kansas Trucking Connection (KTC). Currently the state does this process manually with the use of a Microsoft Access '97 database system to analyze the route, and BRASS software to analyze the bridges over which the trucks will pass. KDOT also works in conjunction with KTC who receives the majority of the superload permit requests and who is responsible for accepting payment and issuing permits. This process has become cumbersome and outdated. Automating the process will give KDOT the opportunity to work with KTC and provide a more efficient and convenient way for truckers transporting superloads through Kansas to gain permits. By collecting the data electronically, this will also allow greater analysis to be conducted on the effects of superloads on Kansas highways.

E-Government: It is the desire of KDOT to have this system available via the internet to allow potential users the flexibility to complete an application and pay for a permit 24/7. Approved permits will be routed to the requester electronically, allowing them to print the permit themselves.

Technical Architecture: Will be consistent with KDOT's approved direction for systems architecture, but the specifics have not yet been determined.

Project Description and Scope: To replace the current BOPRS Access database and manual process, KDOT will look for a new system that will collect, route, and issue permits. The system will be accessed via a web browser and will be hosted at KDOT. The system will be available to truckers wishing to get superload permits, while KDOT and KTC will use the system to perform routing and analysis functions. The new application will be integrated with other systems at KDOT, including BRASS and CPMS. The system will adhere to the standards and strategies of KDOT's enterprise data system, including security and horizontal integration.

Project Status: Planning.

Regents: Emporia State University

Banner Enrollment Management Suite Implementation

CITO Approval:	Not Yet Requested		
Estimated Cost:	$562,872		
Estimated Start:	March 2009	Estimated End:	September 2009

Project Business Objective(s) or Motivator(s): The successful management of both prospective and existing student relationships is fundamental to the mission of Emporia State University (ESU). Competition for students between institutions of higher education continues to increase along with the demand for real-time data and information access to support the strategic enrollment management efforts of ESU. Emporia State University plans to implement the Sungard Higher Education Banner Enrollment Management Suite, a recruitment and admissions System tightly integrated into the University's Banner ERP system, to improve University enrollment management processes and access to strategic decision support information assets.

E-Government: Through the deployment of the Banner Enrollment Management Suite, ESU will be better positioned to serve its prospective student population by providing self-service access to a prospective student portal. The portal will be designed to provide access to academic and institutional information to support the prospective student's admission and enrollment decision.

Technical Architecture: The Banner Enrollment Management Suite is an Oracle 10g based system which is fully installed into the existing SUN Solaris-based Banner production infrastructure. The Banner Enrollment Management Suite is delivered through Oracle Application Server 10g and is tightly integrated into the existing Luminis Enterprise Portal. The product also makes use of existing investments in ESU's Operational Data Store (ODS), Enterprise Data Warehouse (EDW), and Cognos Business Intelligence tool to support the information access needs of the University.

Project Description and Scope: The scope of the Banner Enrollment Management Suite Implementation project includes the following:

- Development of a Master Recruiting and Admissions Plan
- Installation and configuration of the Banner Enrollment Management Suite – Recruiting and Admissions
- Installation and configuration of the Banner Enrollment Management Suite – Performance System and Cognos ODS/EDW reporting and scorecard installation and integration
- Installation and configuration of the Banner Enrollment Management Suite Luminis integration and prospective student portal environment
- Development of prospective student portal content
- Development of Data Migration Plan through a Sungard facilitated analysis session
- Migration of defined data elements and populations from the legacy recruitment system (EMAS) to the Banner Enrollment Management Suite
- Delivery of Advanced Cognos Training
- Delivery of Banner Enrollment Management Suite – Administration and End User Training

Project Status: The project is currently in the planning phase. ESU is in contract negotiations with Sungard Higher Education for the software licensing, installation, and configuration of the Banner Enrollment Management Suite. ESU is also actively developing the High Level and Detailed Project Plans for CITO approval prior to project execution.

Regents: Pittsburg State University

Replacement Integrated Library System

CITO Approval:	Not Yet Requested	
Estimated Cost:	$500,000 - $650,000	
Estimated Start:	November 2007	Estimated End: March 2008

Project Business Objective(s) or Motivator(s): Pittsburg State University contracted for an Integrated Library System (ILS) from Dynix, Inc. in 1990. The software currently being used will no longer be enhanced and will not be supported at sometime in the future 5-10 years. Due to the lack of any further enhancements, the University cannot make improvements to its on-line access to library materials, a key component of teaching and research at the University. It is imperative that the current ILS be replaced as soon as possible. The contract was later amended on November 6, 2006, to include the addition of several consortium partners with a new amount of $227,242. The contract was for a software package, Horizon/ Corinthian, with a release level of 8.1 or higher. The original timeline called for a ³go live² date in January 2006. As the company was delayed in development, the implementation date was moved back several times with the last scheduled date of September 19, 2007. On March 13, 2007, an e-mail was received from SirsiDynix announcing that all development of the Horizon / Corinthian software package was being stopped by the company and that customers would be directed to another software product from the company. That was followed up by a brief telephone call two days later. The University attorney has been able to recover all of the monies previously expended for this contract and arranged for continued maintenance until the system can be replaced.

E-Government: The current ILS, as will its replacement, enables all users with Internet access to locate PSU library resources. Users may use electronic forms for Interlibrary Loan, access digital materials in the University's special collections and archives, and view licensed databases using a proxy server. Transfer of payments is not anticipated using this system.

Technical Architecture: No changes are anticipated to current workflows in library operations. The proposed procurement is a replacement for an existing system and capabilities will be of the same general nature as are in the current system. The proposed procurement will meet all existing academic library standards including Z39.50 allowing for interoperability between ILS systems. Each Regents University operates its own ILS and, other than meeting library standard architectures, there is no advantage to sharing such systems between Universities. Currently, PSU hosts ILS functions for Fort Scott Community College, Eureka Public Library, Pittsburg Public Library, and USD 250 (Pittsburg Schools), and is in the process of adding additional partners through the Southeast Kansas Library System.

Project Description and Scope: Due to the situation in which we currently are operating, we intend to proceed with a new purchase as soon as practical. Project Management documents will be submitted to the KITO office in the near future.

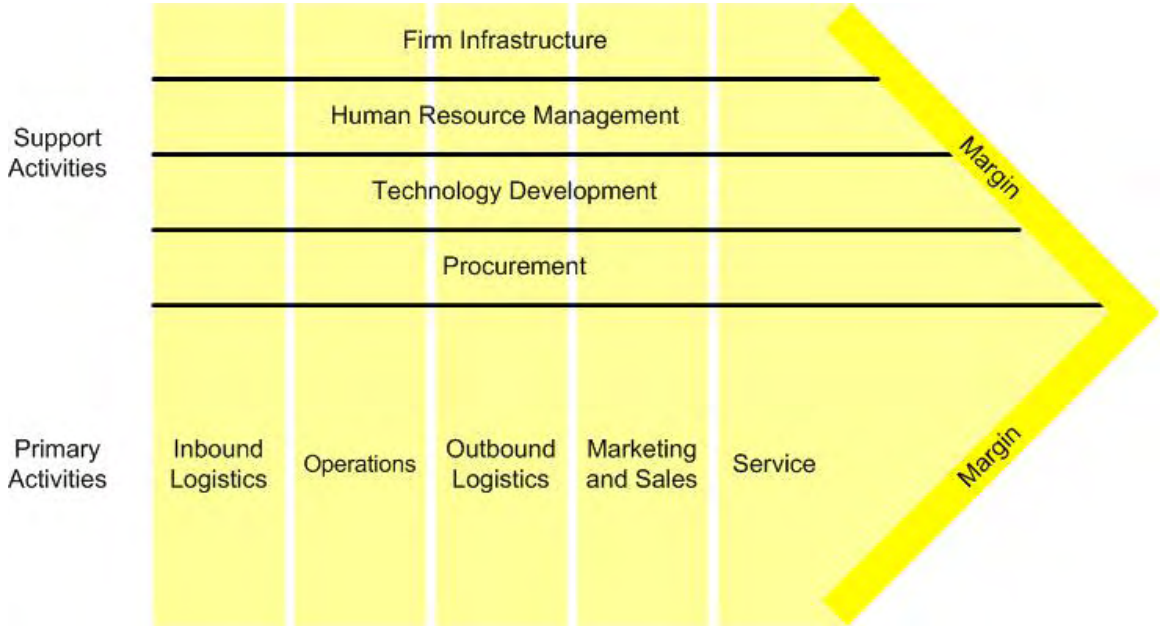
Project Status: Axe Library is in the process of gathering information on potential library systems. Three ILS software vendors have been requested to demonstrate their capabilities to meet the needs of the University. All have responded that they are interested in doing so and demonstrations have been scheduled in May. A detailed list of desired functionalities has been provided to each vendor for planning their demonstrations and an additional list of written questions has been forwarded to each vendor. No pricing information, RFQ, nor RFP has been requested from any vendor.

CHAPTER 5

ENTERPRISE ARCHITECTURE MODELS

Enterprise Value Chain Model

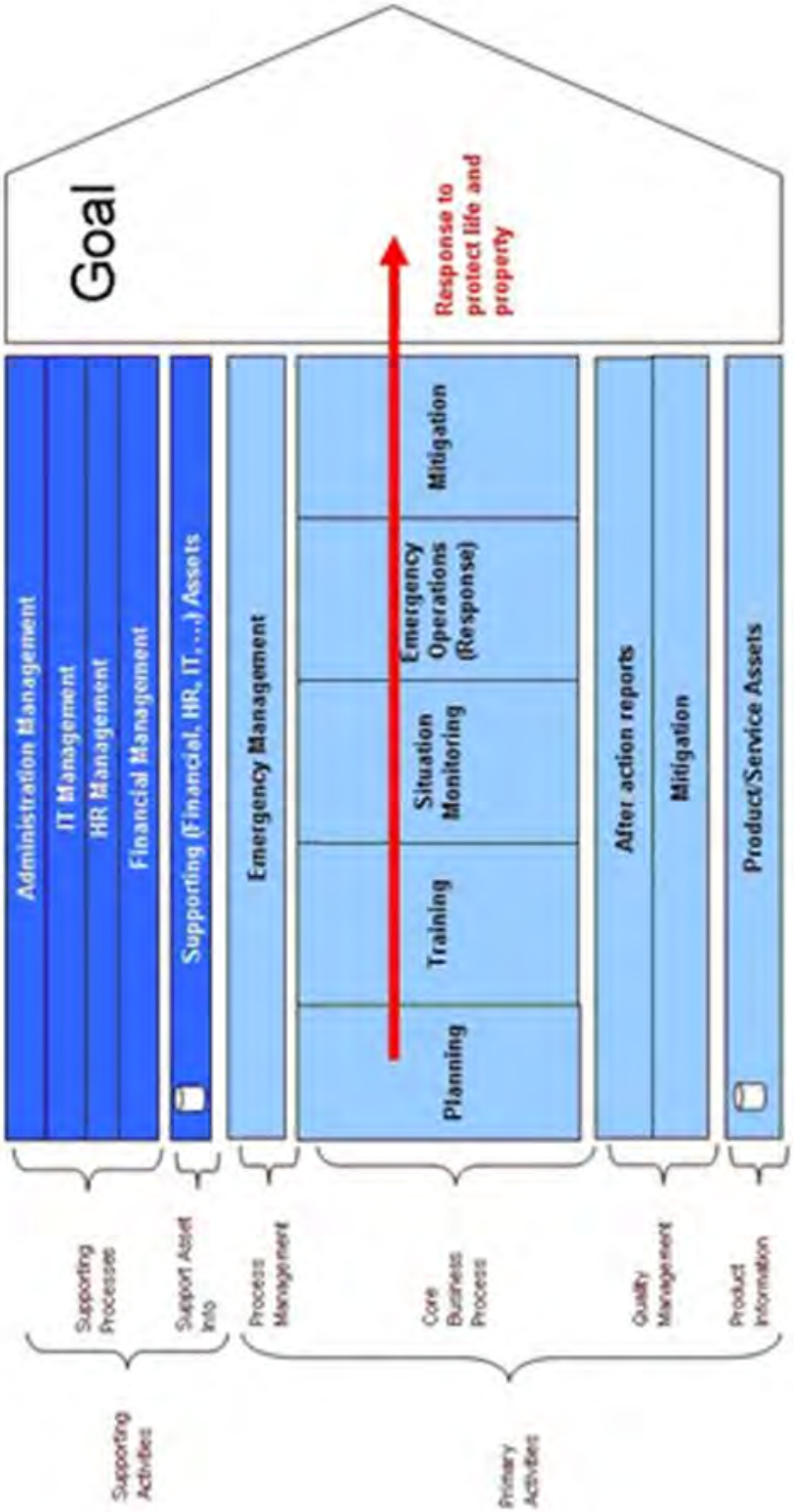
A value chain is a model that breaks down an organization into a series of value-generating activities. The theory of the value chain comes from the writings of Michael E. Porter. In his book Competitive Advantage (1985) Porter lays down the justification for value chains. He does this with a general model that can be extrapolated to a number of different organizations. This model is shown below:



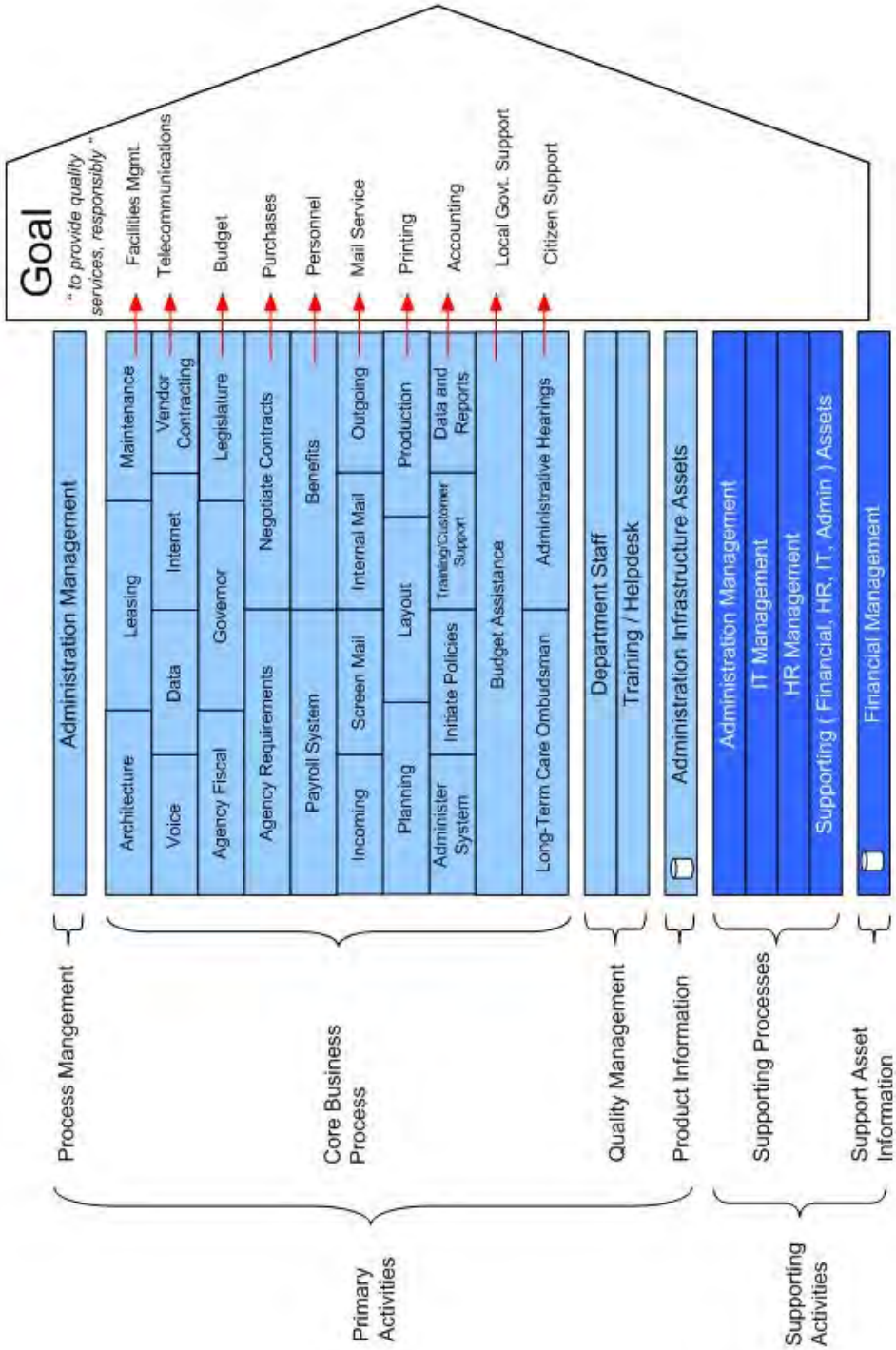
Porter breaks down this model first by separating primary activities from support activities. Primary Activities are the links in the value chain that add value to the service or product you are providing. Examples of Primary Activities are construction, marketing, and development. Support Activities do not directly add value, but are still necessary in providing the services or products. Examples of Support Activities are Human Resources, Administration, and IT management.

By completing a value chain agencies will have a better idea how the business of the agency flows. This, in turn, can allow for IT to see how they their applications, services, and support are leading to increased value for the agency. New strategies and projects can get evaluated based on how it helps add value to the agency's services. Technology is quite frankly involved in every layer of the value chain. The business side of the agency develops a lot of value from the IT side of the agency. This model is the first step into leveraging that fact to produce more value. Other uses for the value chain pertain to data mapping, application mapping, linking processes together, and finding ways to evaluate performance.

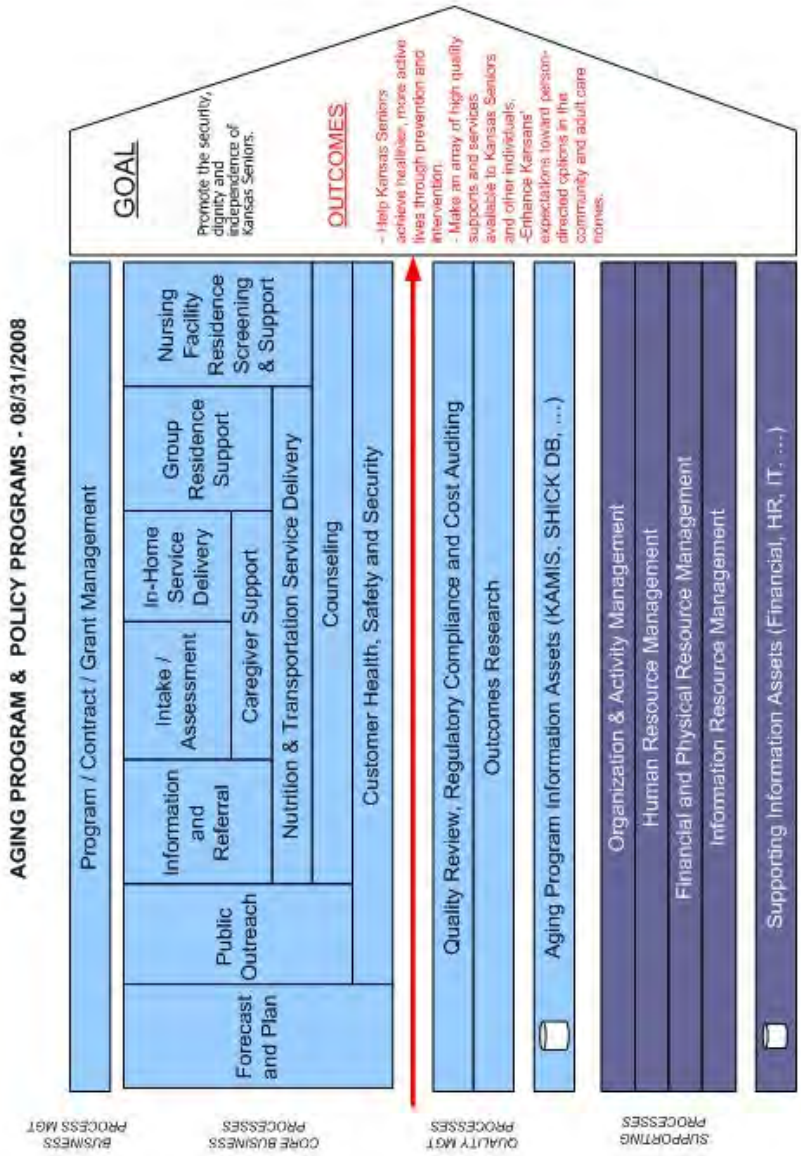
Adjutant General



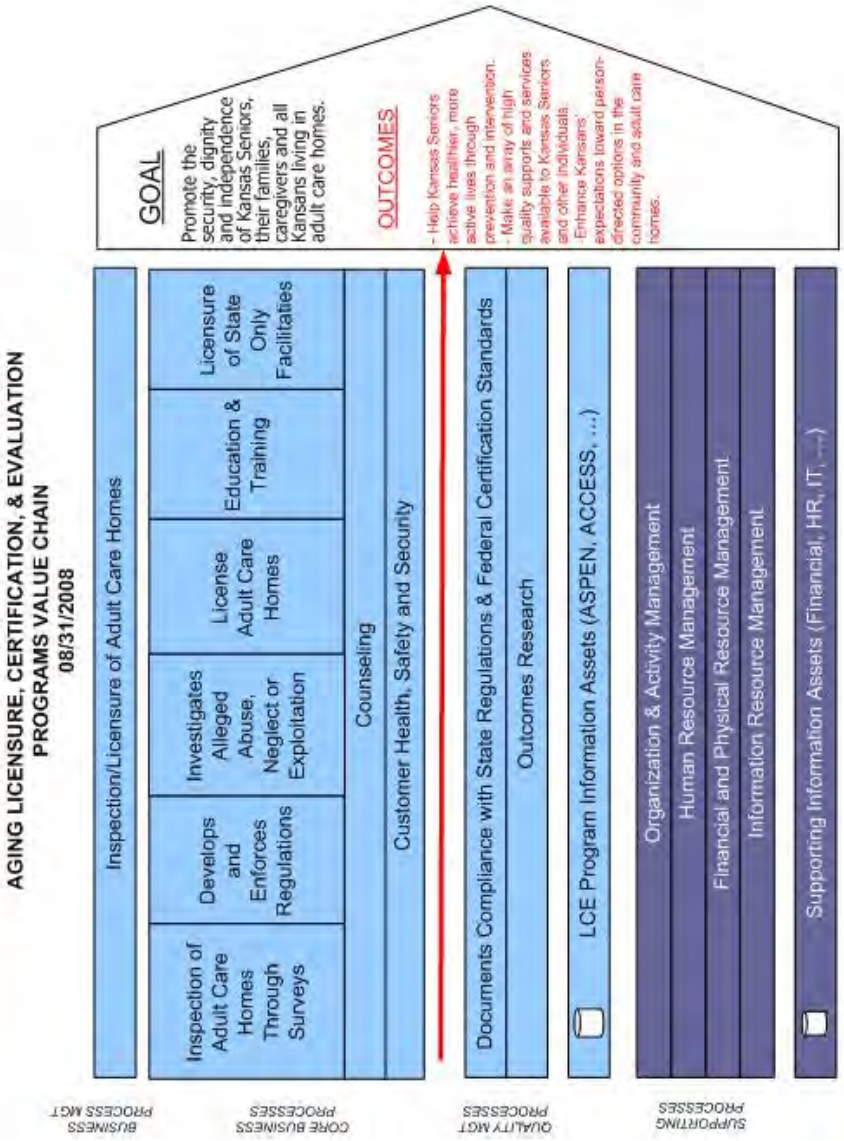
Administration, Department of



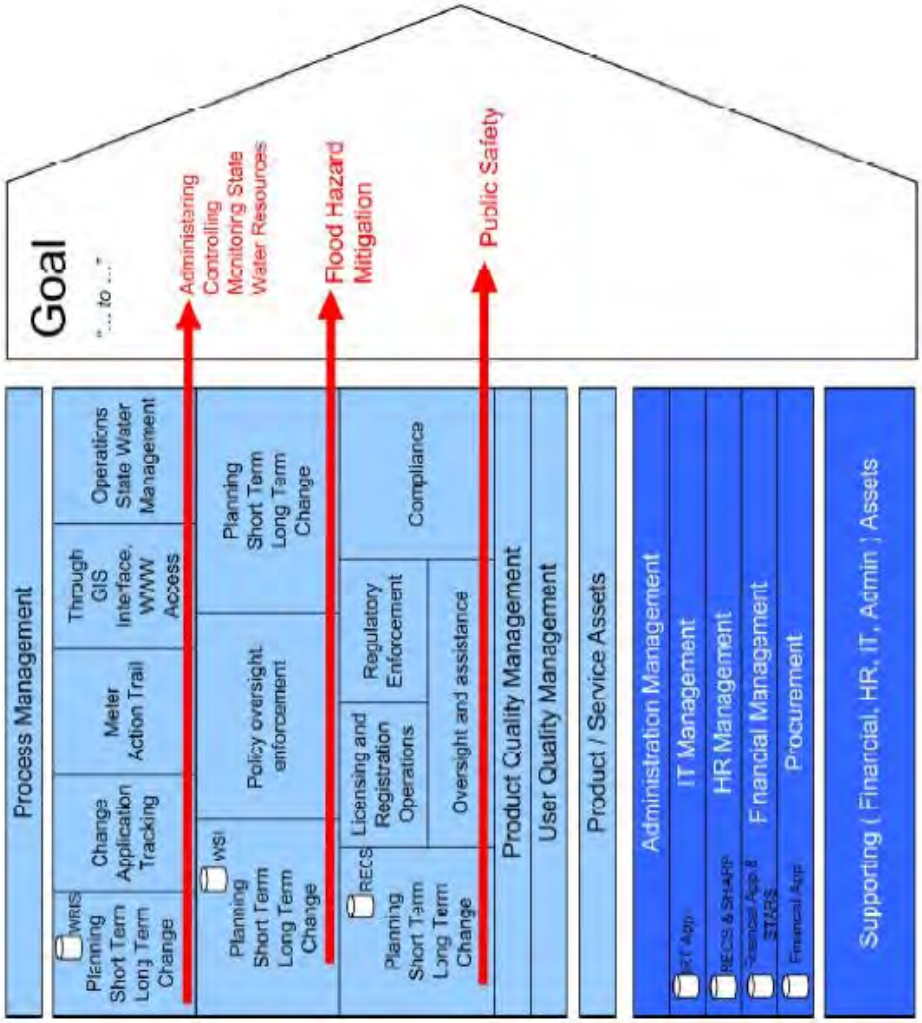
Aging, Department of



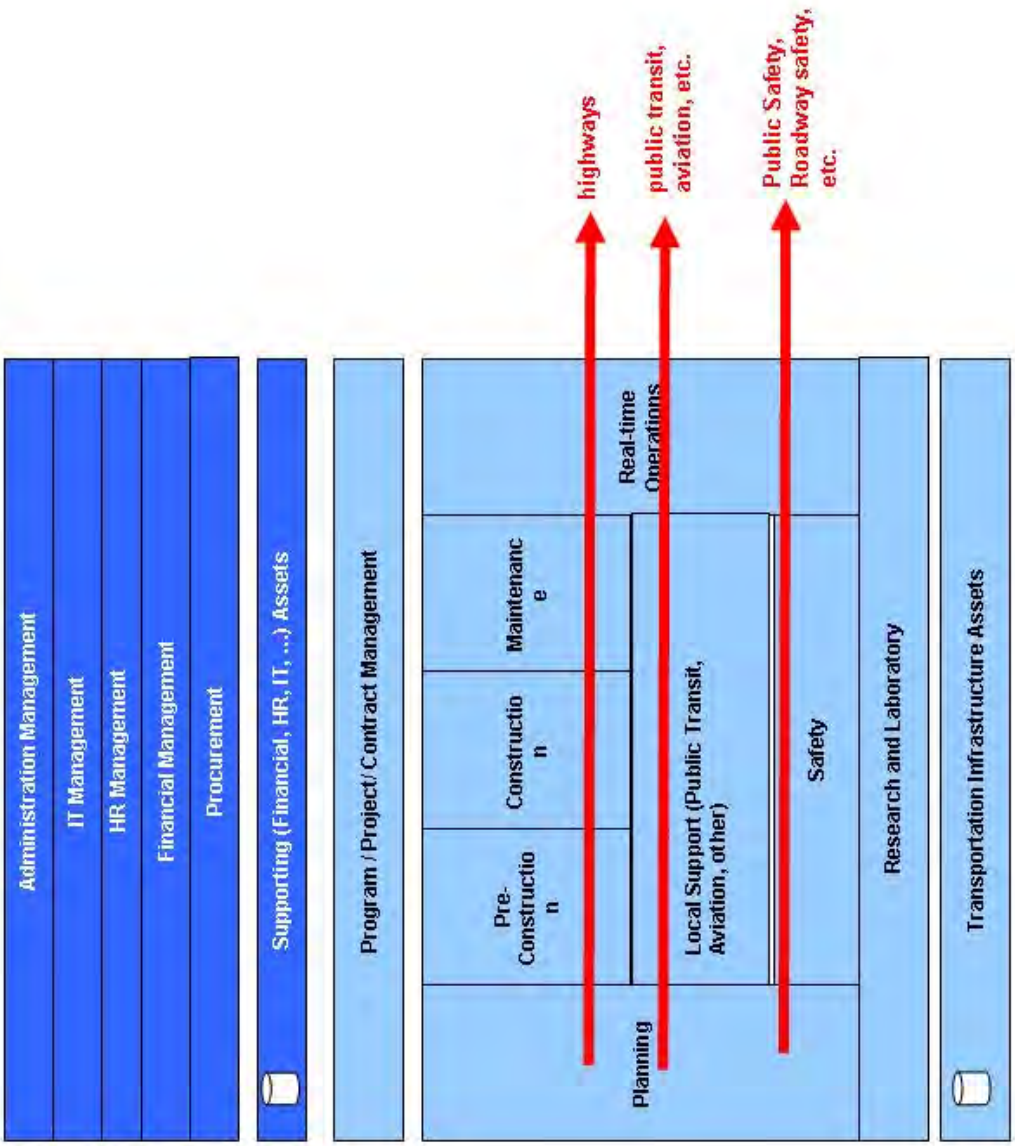
Aging, Department of



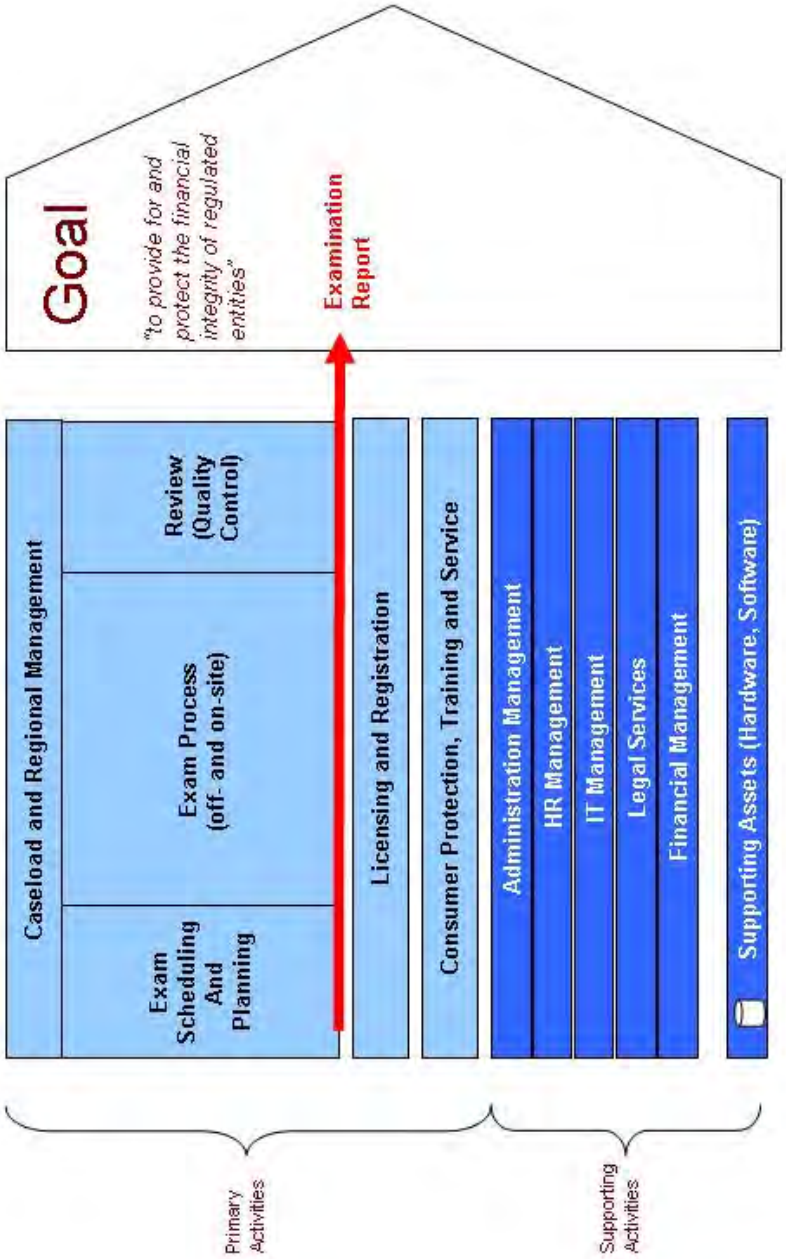
Agriculture, Department of

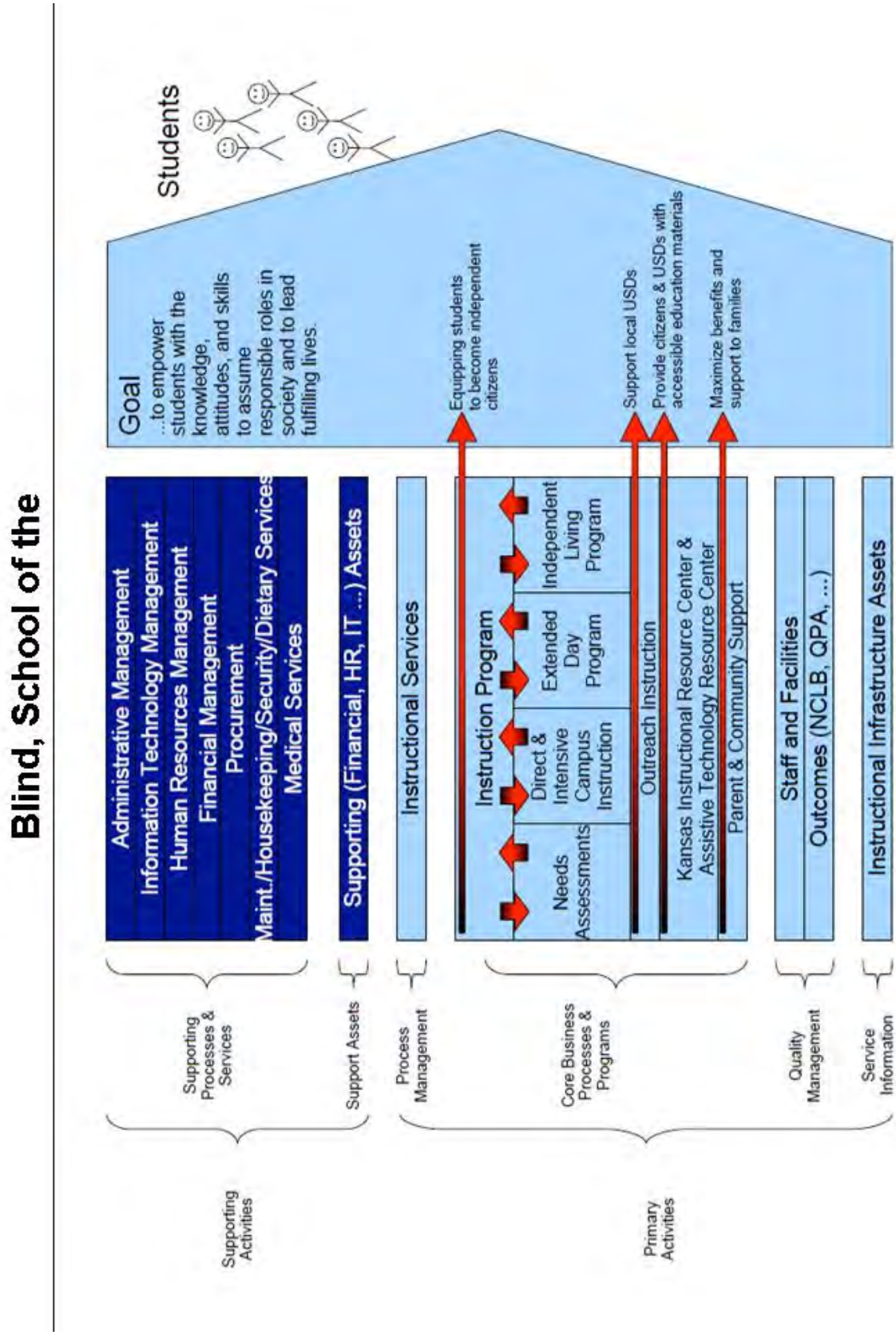


Arts Commission, Kansas



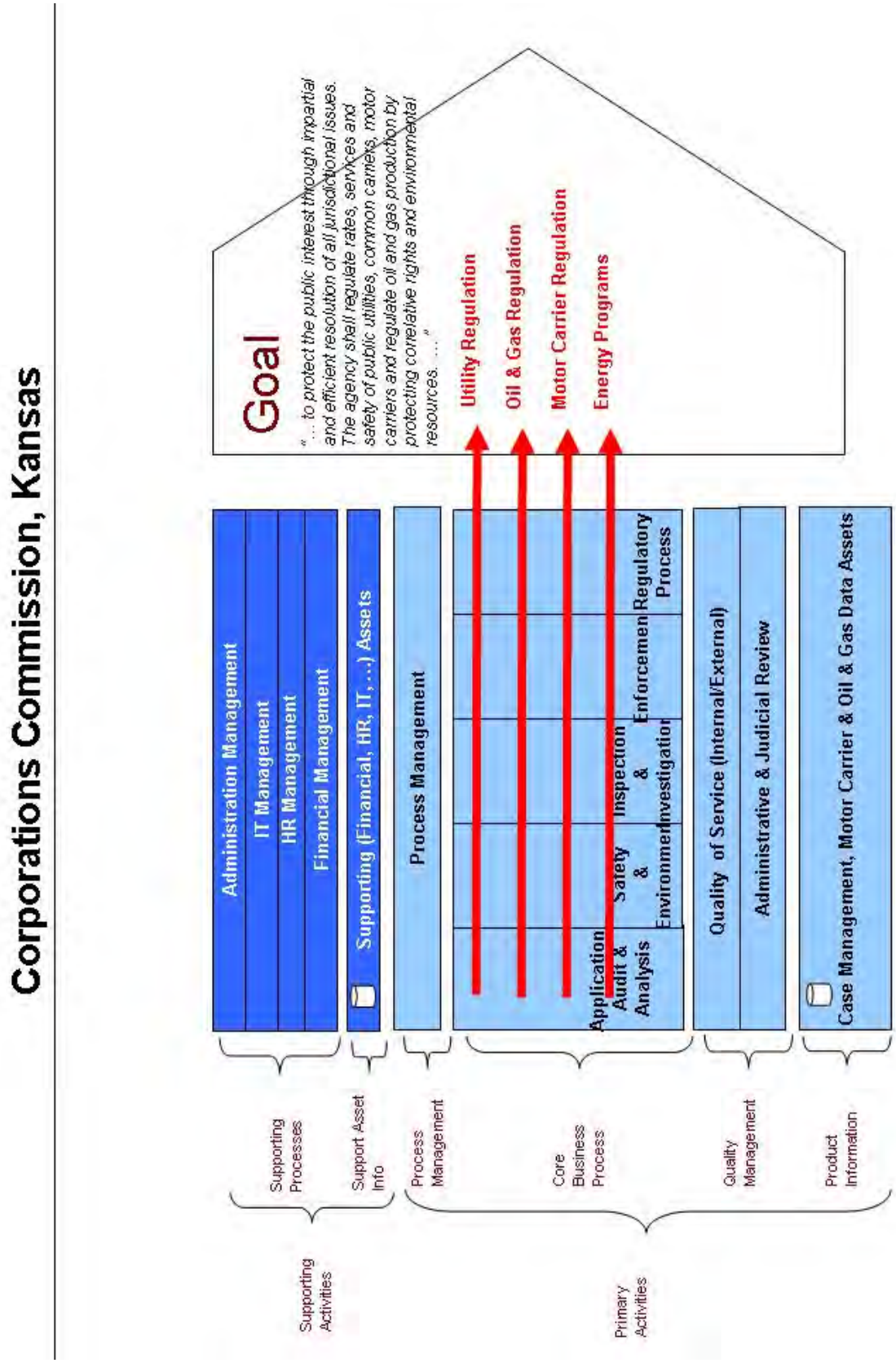
Bank Commissioner, Office of



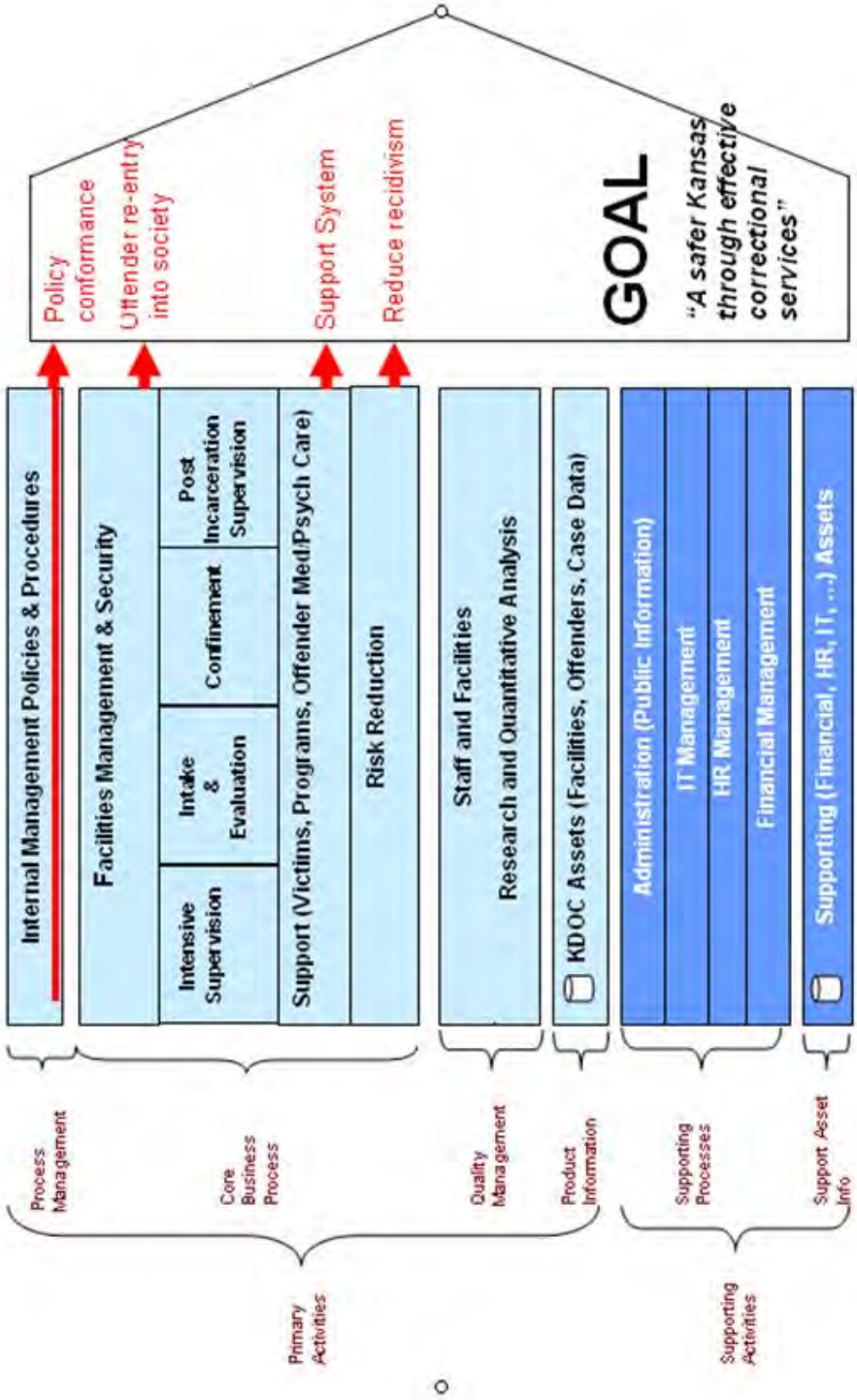

Blind, School of the
Students
Goal
...to empower students with the knowledge, attitudes, and skills to assume responsible roles in society and to lead fulfilling lives.
Equipping students to become independent citizens
Support local USDs
Provide citizens & USDs with accessible education materials
Maximize benefits and support to families
Administrative Management
Information Technology Management
Human Resources Management
Financial Management
Procurement
Maint./Housekeeping/Security/Dietary Services
Medical Services
Supporting (Financial, HR, IT ...) Assets
Instructional Services
Instruction Program
Needs Assessments
Direct & Intensive Campus Instruction
Extended Day Program
Independent Living Program
Outreach Instruction
Kansas Instructional Resource Center & Assistive Technology Resource Center
Parent & Community Support
Staff and Facilities
Outcomes (NCLB, QPA, ...)
Instructional Infrastructure Assets
Supporting Processes & Services
Support Assets
Process Management
Core Business Processes & Programs
Quality Management
Service Information
Supporting Activities
Primary Activities

Commerce, Department of

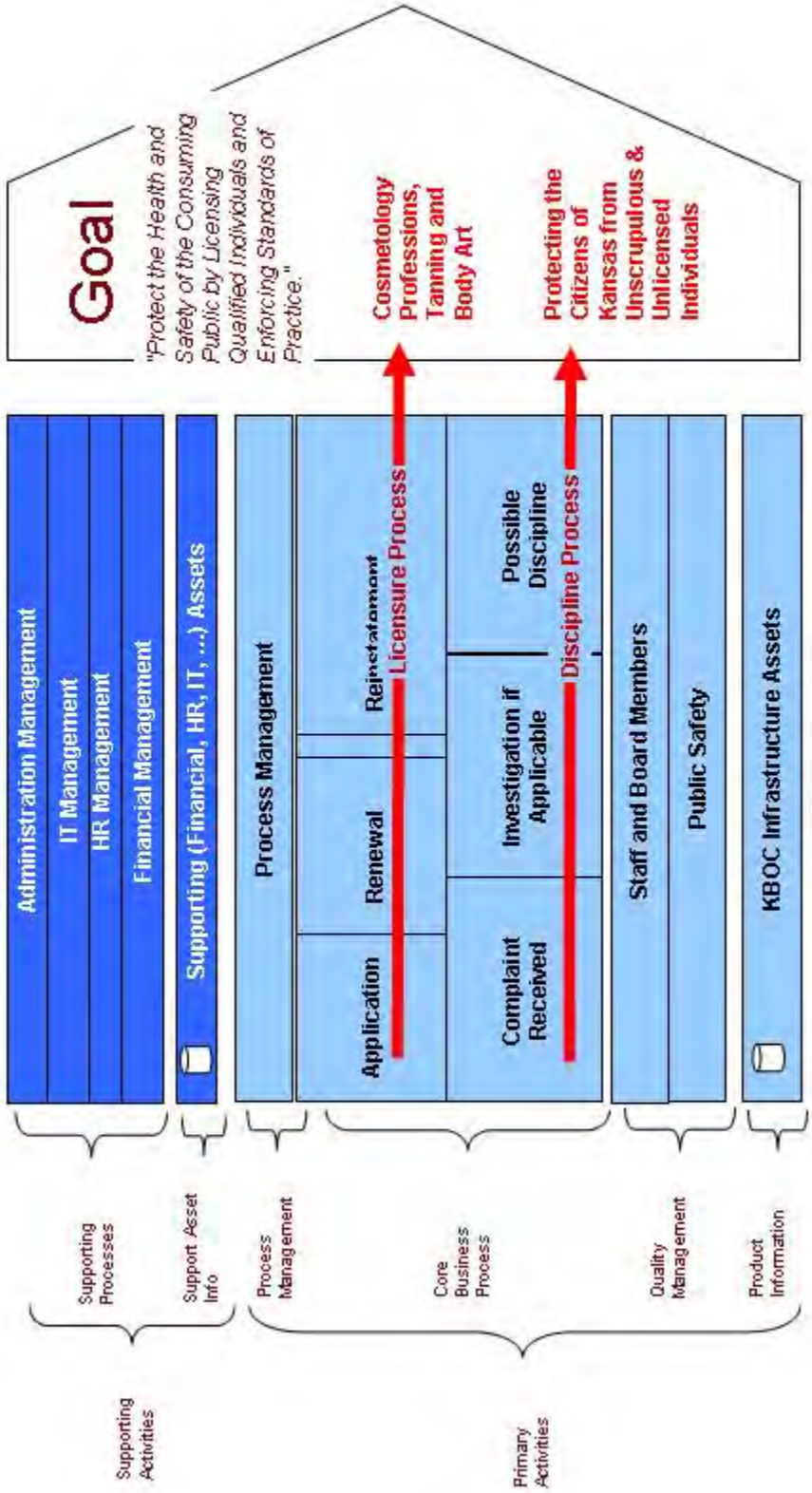
Tools		Outcome
• Web Catalogs • Face to Face • CRM Tracking • Interagency Contacts • eMail	Identification of Business, Individual or Community Need	• Establish Need • Identify Scope • Weigh Priorities • Establish Relationship
• Database of Programs • Analysis of CBA • CRM Analysis • Resource Survey	Match to a Program or Resource	• List of Programs matched to the Need
• eMail • HD Video • DISC Network • AJLA • Field Force • Databases	Delivery of Service or Assistance	• Need is Met • Resources Identified • Business is Saved • New Business is Located • Jobs are Created
• CRM tracking of Outcomes • Fiscal Impact Analysis • CBA Post Project	Monitor the Result	• Improved Effectiveness • Broader Reach • Better Answers • More Complete Answers

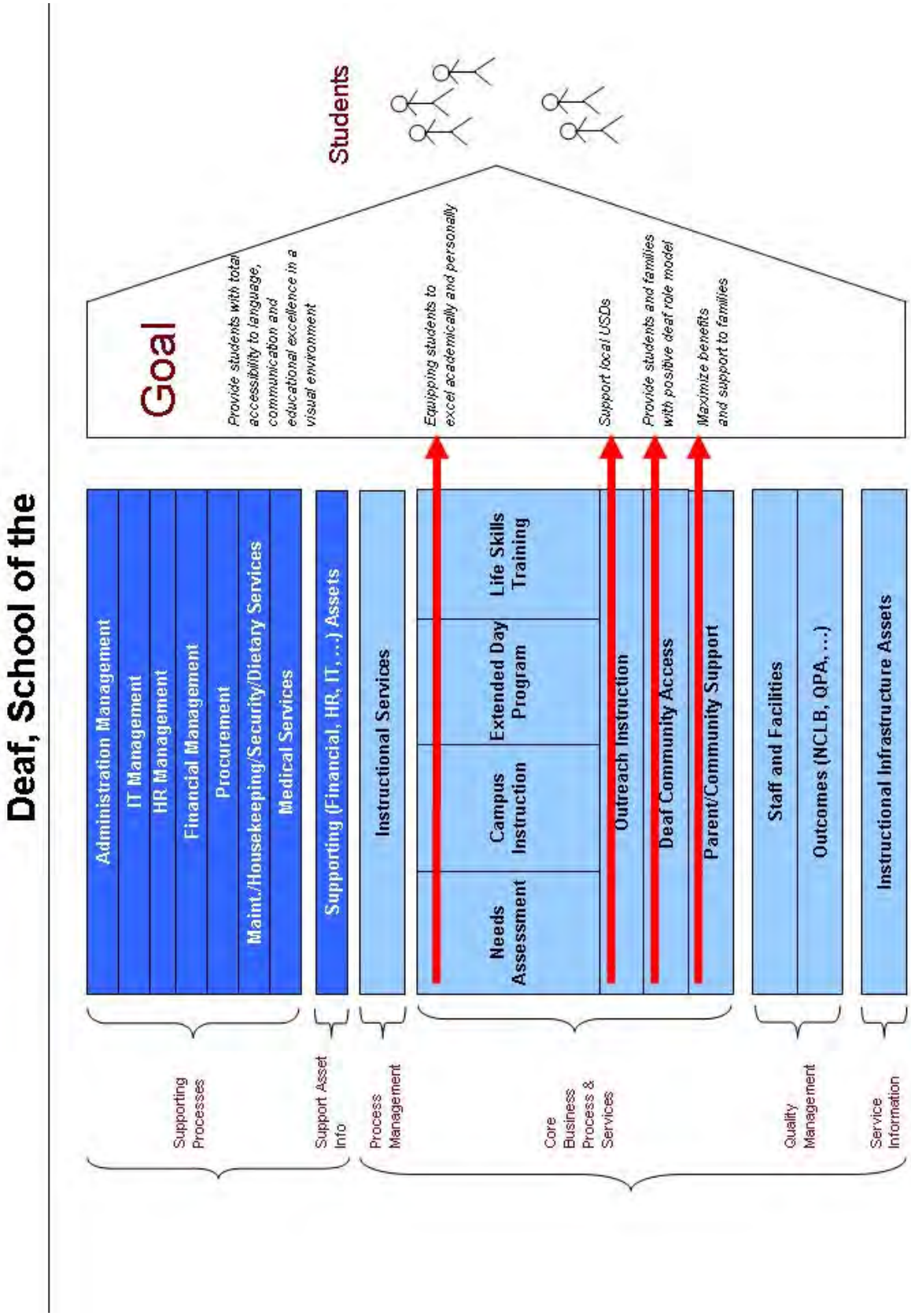

Corporations Commission, Kansas
Goal
"... to protect the public interest through impartial and efficient resolution of all jurisdictional issues. The agency shall regulate rates, services and safety of public utilities, common carriers, motor carriers and regulate oil and gas production by protecting correlative rights and environmental resources. ..."
Utility Regulation
Oil & Gas Regulation
Motor Carrier Regulation
Energy Programs
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, ...) Assets
Process Management
Application
Audit & Analysis
Safety & Environment
Inspection & Investigation
Enforcement
Regulatory Process
Quality of Service (Internal/External)
Administrative & Judicial Review
Case Management, Motor Carrier & Oil & Gas Data Assets
Supporting Processes
Support Asset Info
Process Management
Core Business Process
Quality Management
Product Information
Supporting Activities
Primary Activities

Corrections, Department of

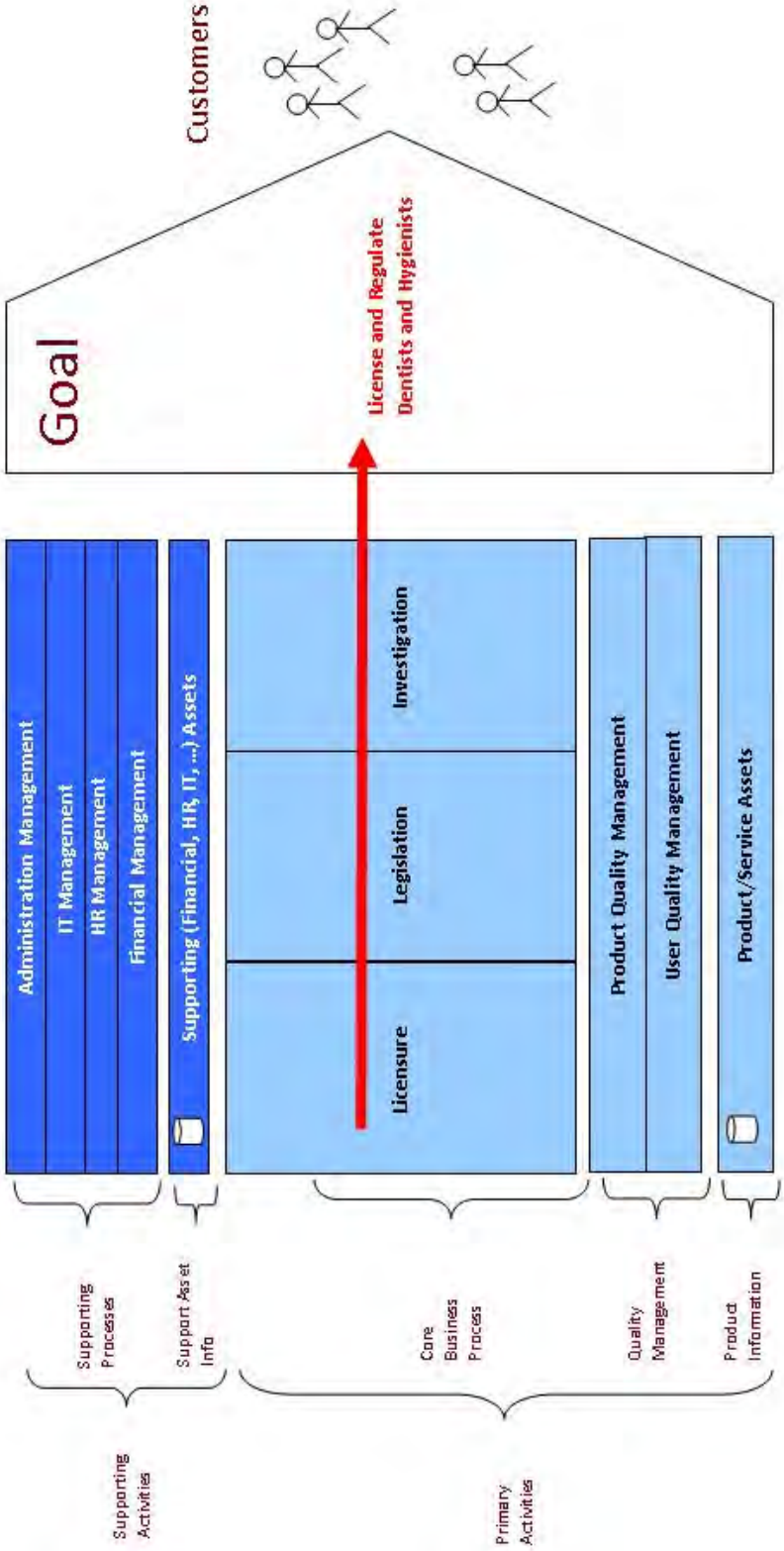


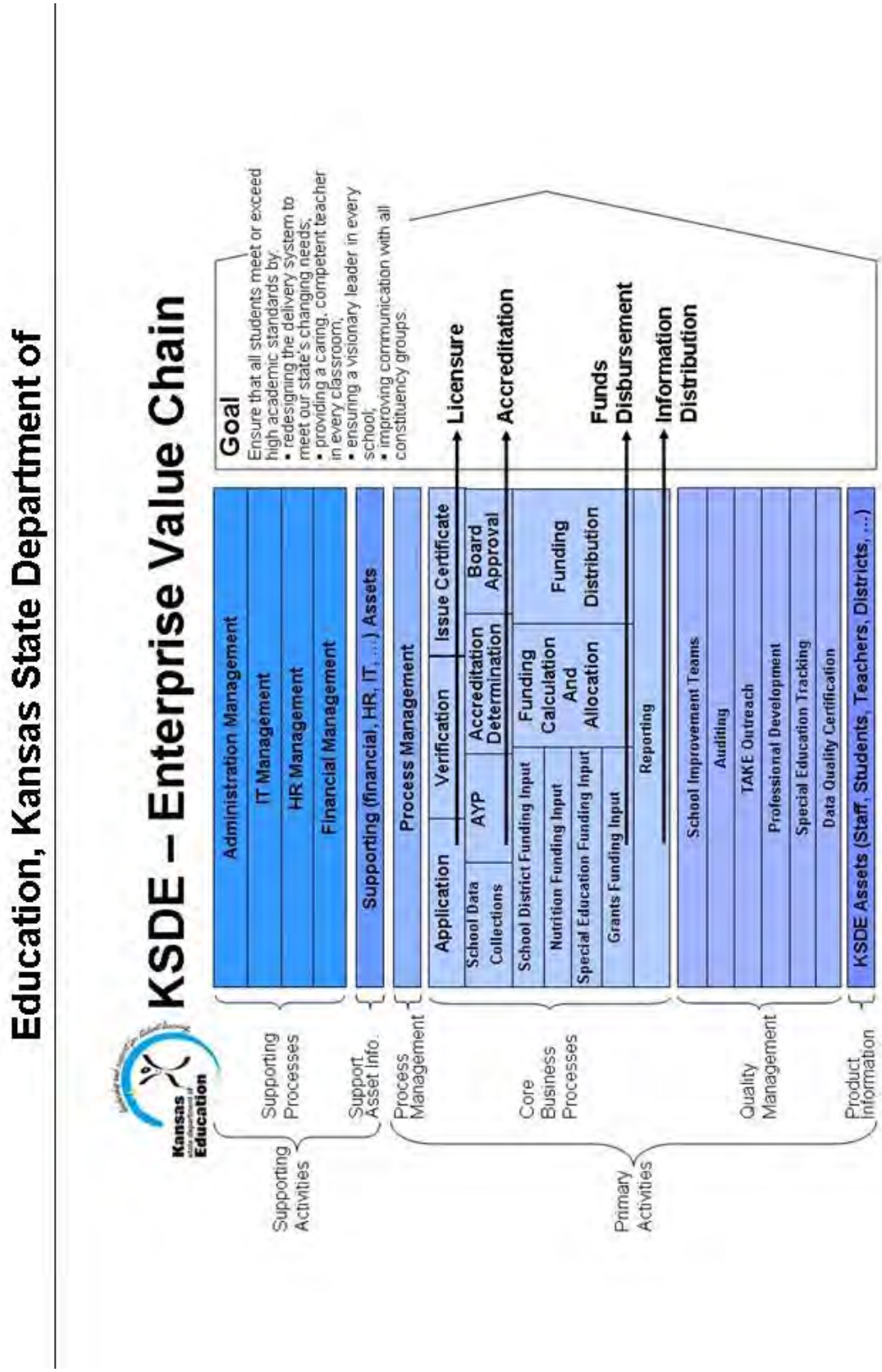
Cosmetology, Kansas Board of



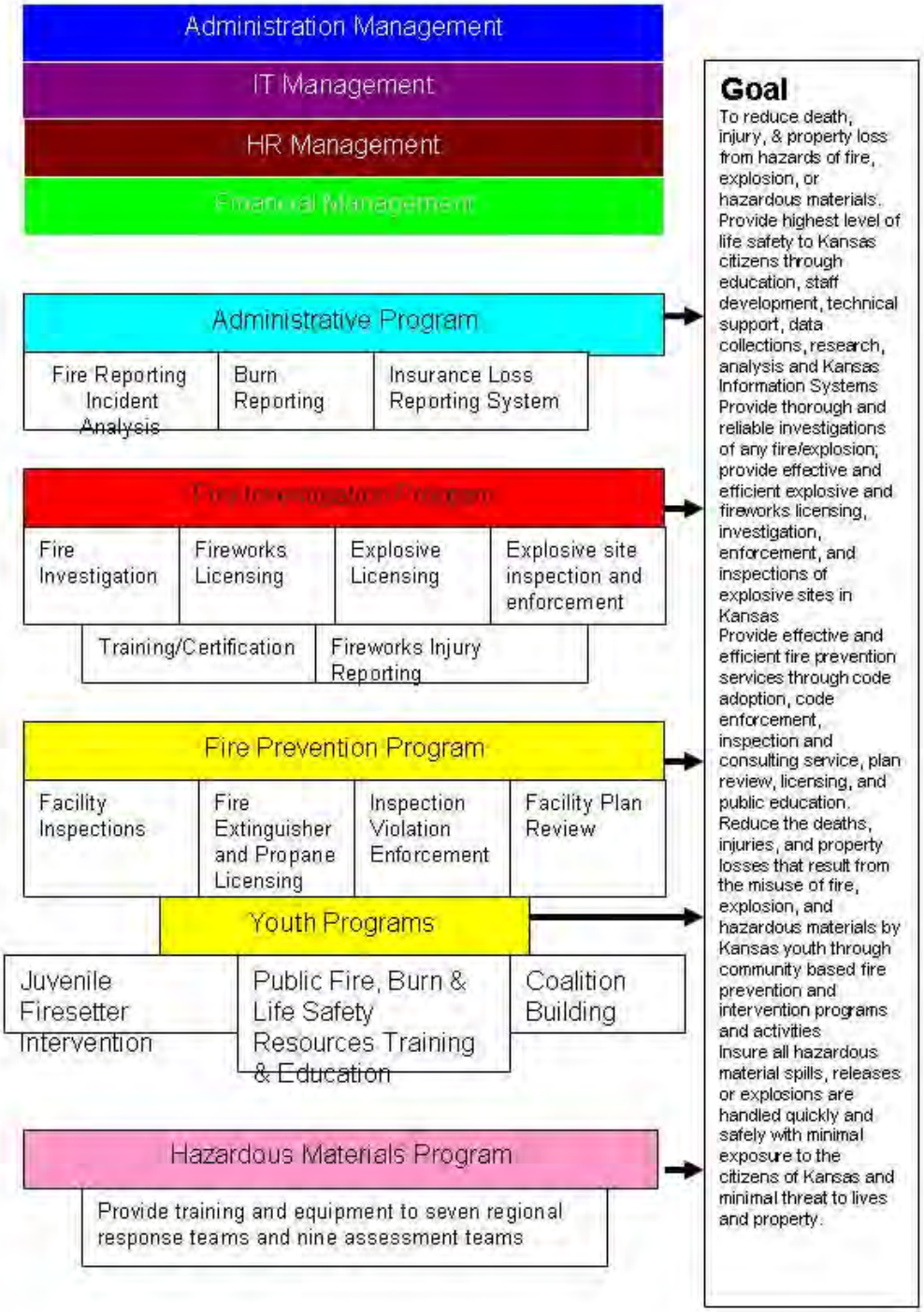

Deaf, School of the
Goal
Provide students with total accessibility to language, communication and educational excellence in a visual environment
Equipping students to excel academically and personally
Support local USDs
Provide students and families with positive deaf role model
Maximize benefits and support to families
Students
Administration Management
IT Management
HR Management
Financial Management
Procurement
Maint./Housekeeping/Security/Dietary Services
Medical Services
Supporting (Financial, HR, IT, ...) Assets
Instructional Services
Needs Assessment
Campus Instruction
Extended Day Program
Life Skills Training
Outreach Instruction
Deaf Community Access
Parent/Community Support
Staff and Facilities
Outcomes (NCLB, QPA, ...)
Instructional Infrastructure Assets
Supporting Processes
Support Asset Info
Process Management
Core Business Process & Services
Quality Management
Service Information

Dental Board, Kansas

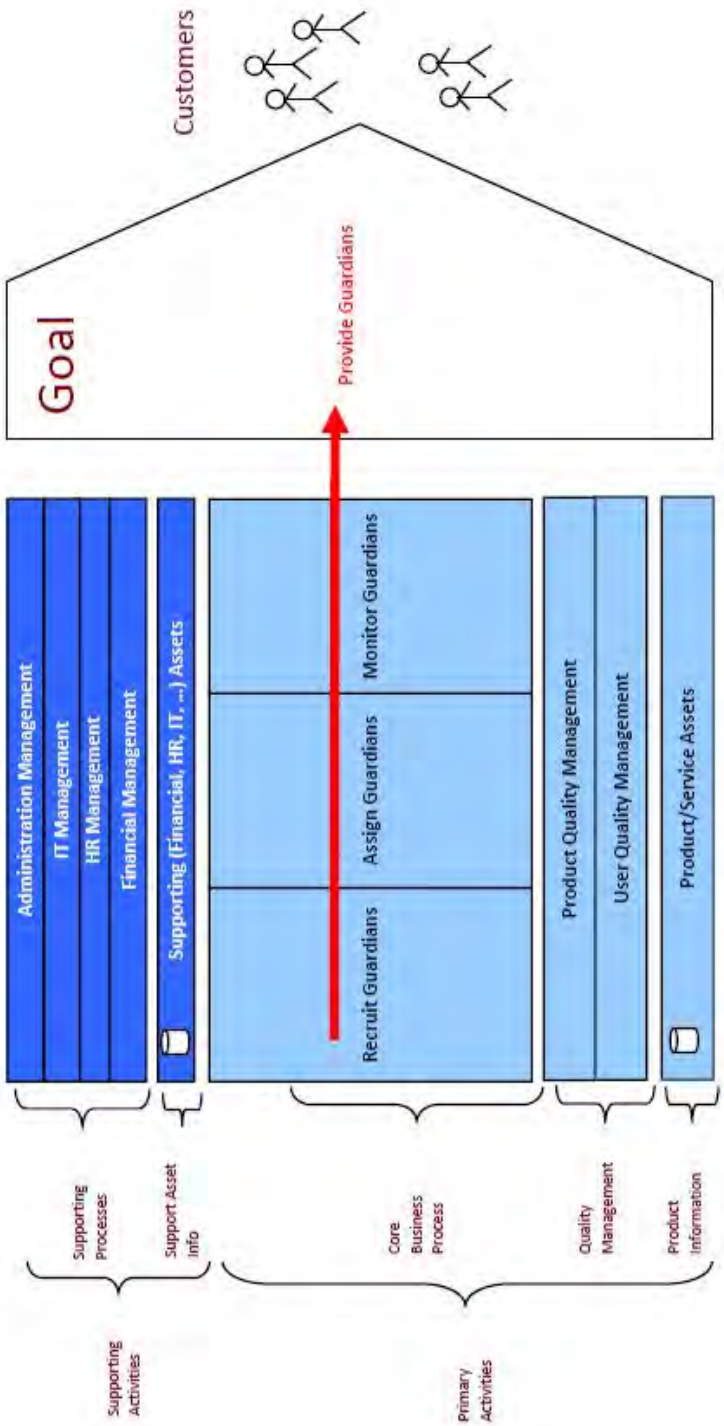


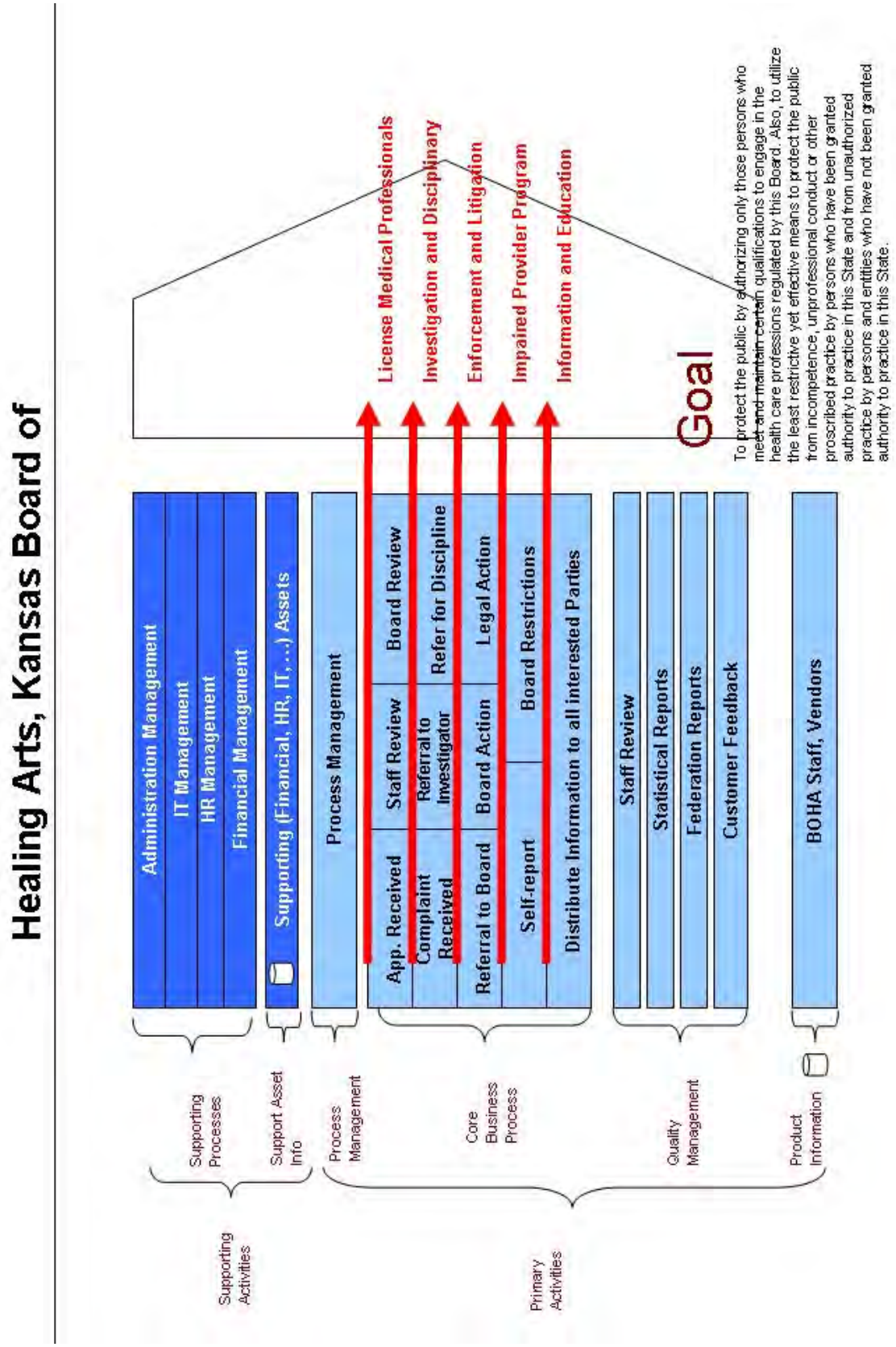

Education, Kansas State Department of
KSDE – Enterprise Value Chain
Goal
Ensure that all students meet or exceed high academic standards by
▪ redesigning the delivery system to meet our state's changing needs;
▪ providing a caring, competent teacher in every classroom;
▪ ensuring a visionary leader in every school;
▪ improving communication with all constituency groups.
Licensure
Accreditation
Funds Disbursement
Information Distribution
Administration Management
IT Management
HR Management
Financial Management
Supporting (financial, HR, IT, ...) Assets
Process Management
Application
Verification
Issue Certificate
School Data Collections
AYP
Accreditation Determination
Board Approval
School District Funding Input
Nutrition Funding Input
Special Education Funding Input
Grants Funding Input
Funding Calculation And Allocation
Funding Distribution
Reporting
School Improvement Teams
Auditing
TAKE Outreach
Professional Development
Special Education Tracking
Data Quality Certification
KSDE Assets (Staff, Students, Teachers, Districts, ...)
Supporting Processes
Support Asset Info.
Supporting Activities
Process Management
Core Business Processes
Primary Activities
Quality Management
Product Information

Fire Marshals Office, Kansas

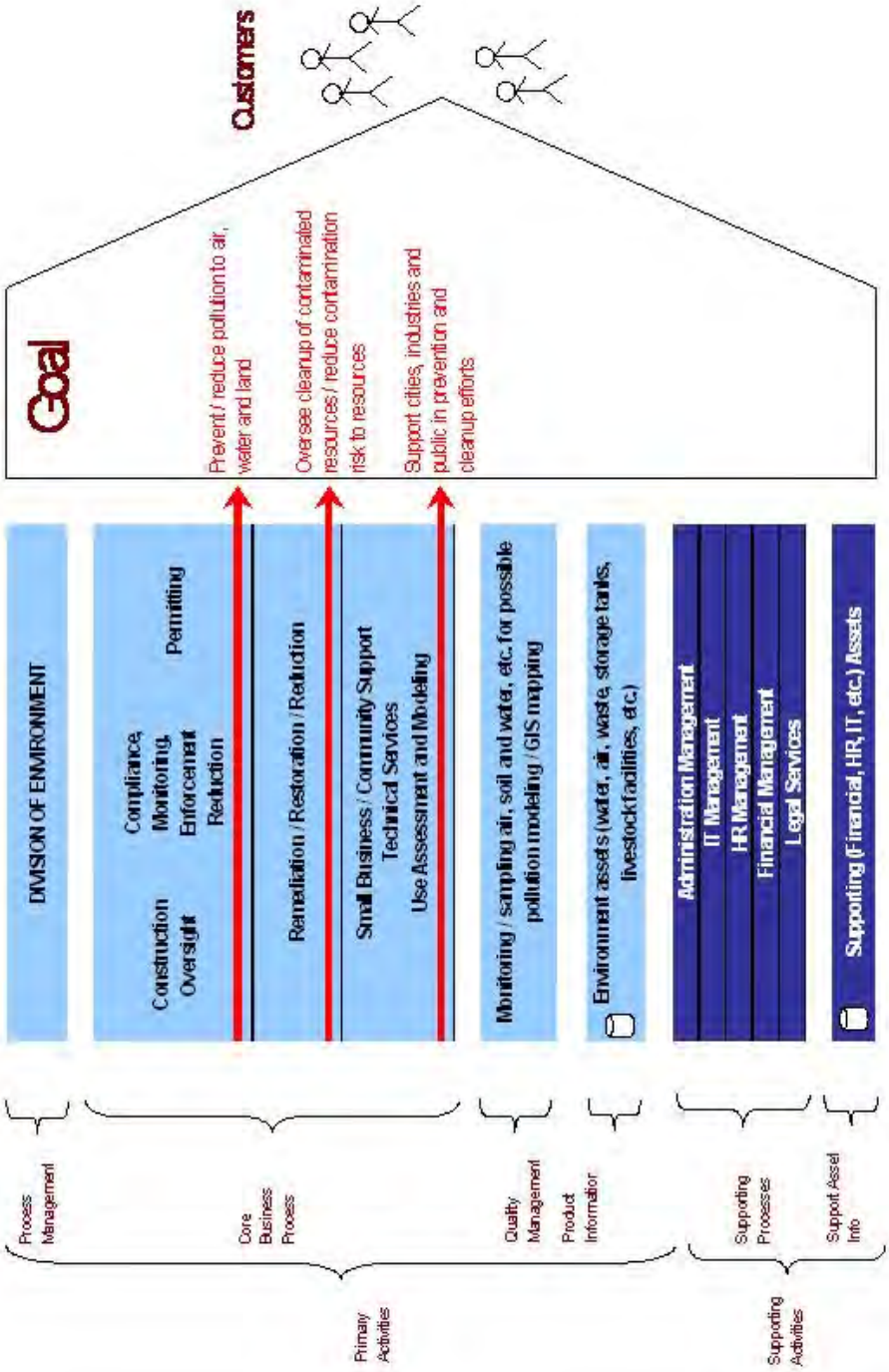


Guardianship Program, Kansas

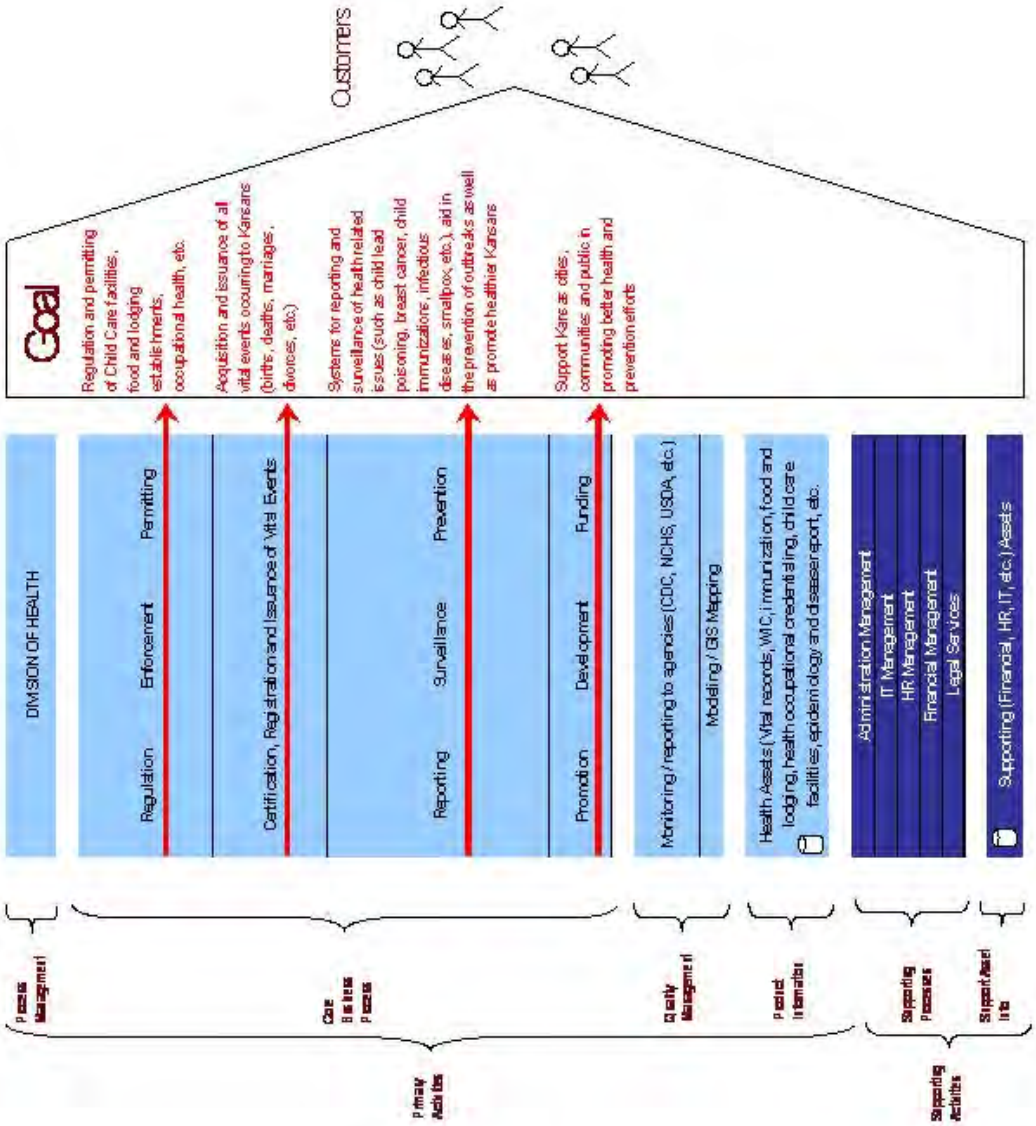



Healing Arts, Kansas Board of
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, ...) Assets
Process Management
App. Received
Staff Review
Board Review
Complaint Received
Referral to Investigator
Refer for Discipline
Referral to Board
Board Action
Legal Action
Self-report
Board Restrictions
Distribute Information to all interested Parties
Staff Review
Statistical Reports
Federation Reports
Customer Feedback
BOHA Staff, Vendors
License Medical Professionals
Investigation and Disciplinary
Enforcement and Litigation
Impaired Provider Program
Information and Education
Goal
To protect the public by authorizing only those persons who meet and maintain certain qualifications to engage in the health care professions regulated by this Board. Also, to utilize the least restrictive yet effective means to protect the public from incompetence, unprofessional conduct or other proscribed practice by persons who have been granted authority to practice in this State and from unauthorized practice by persons and entities who have not been granted authority to practice in this State.
Supporting Processes
Support Asset Info
Process Management
Core Business Process
Quality Management
Product Information
Supporting Activities
Primary Activities

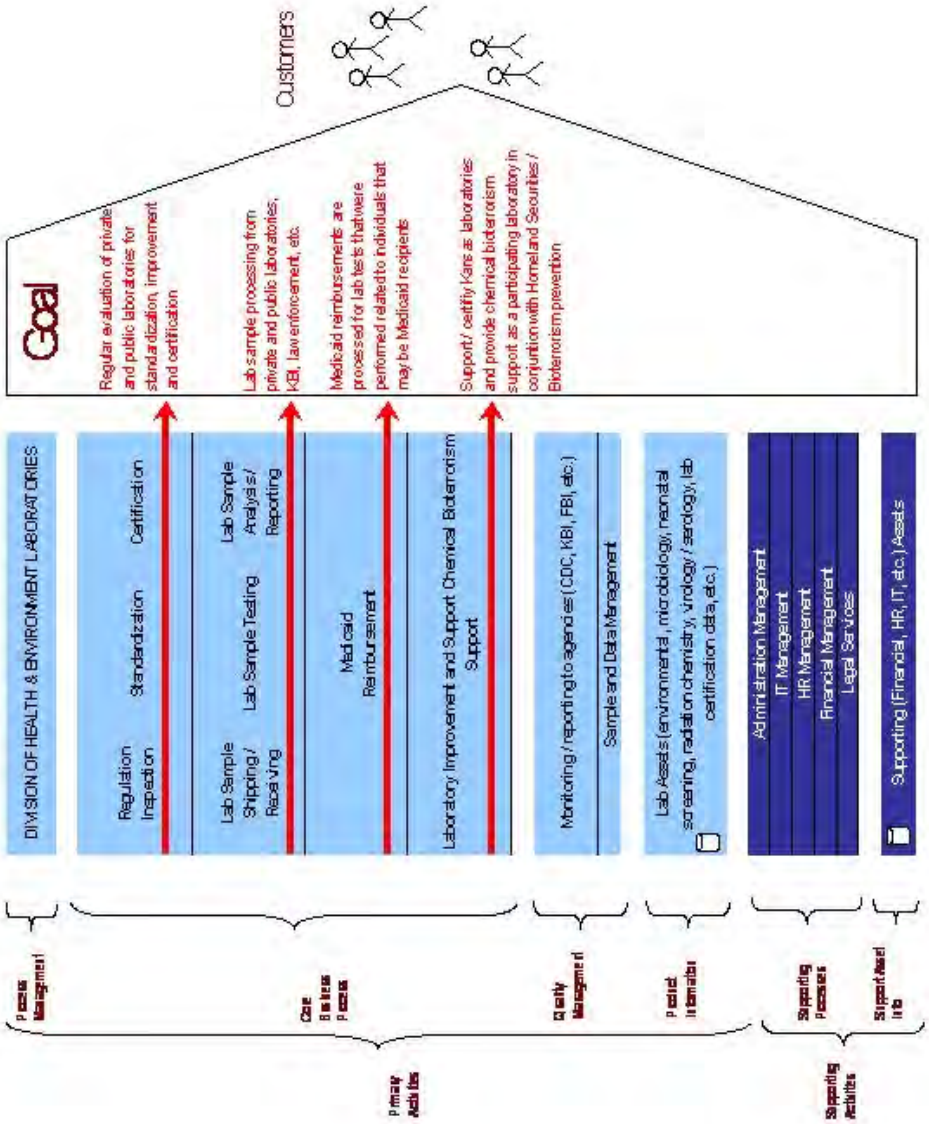
Health and Environment, Department of



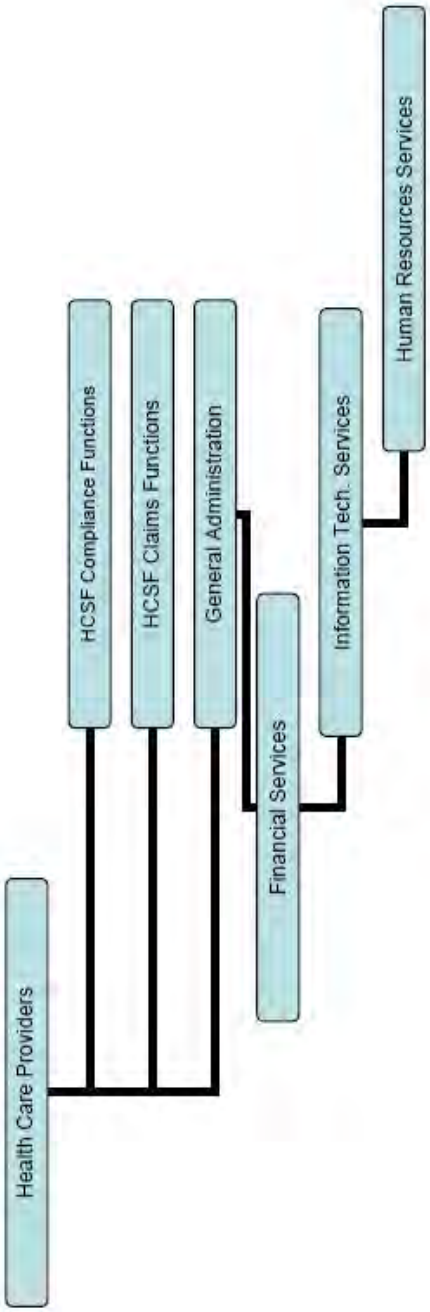
Health and Environment, Department of

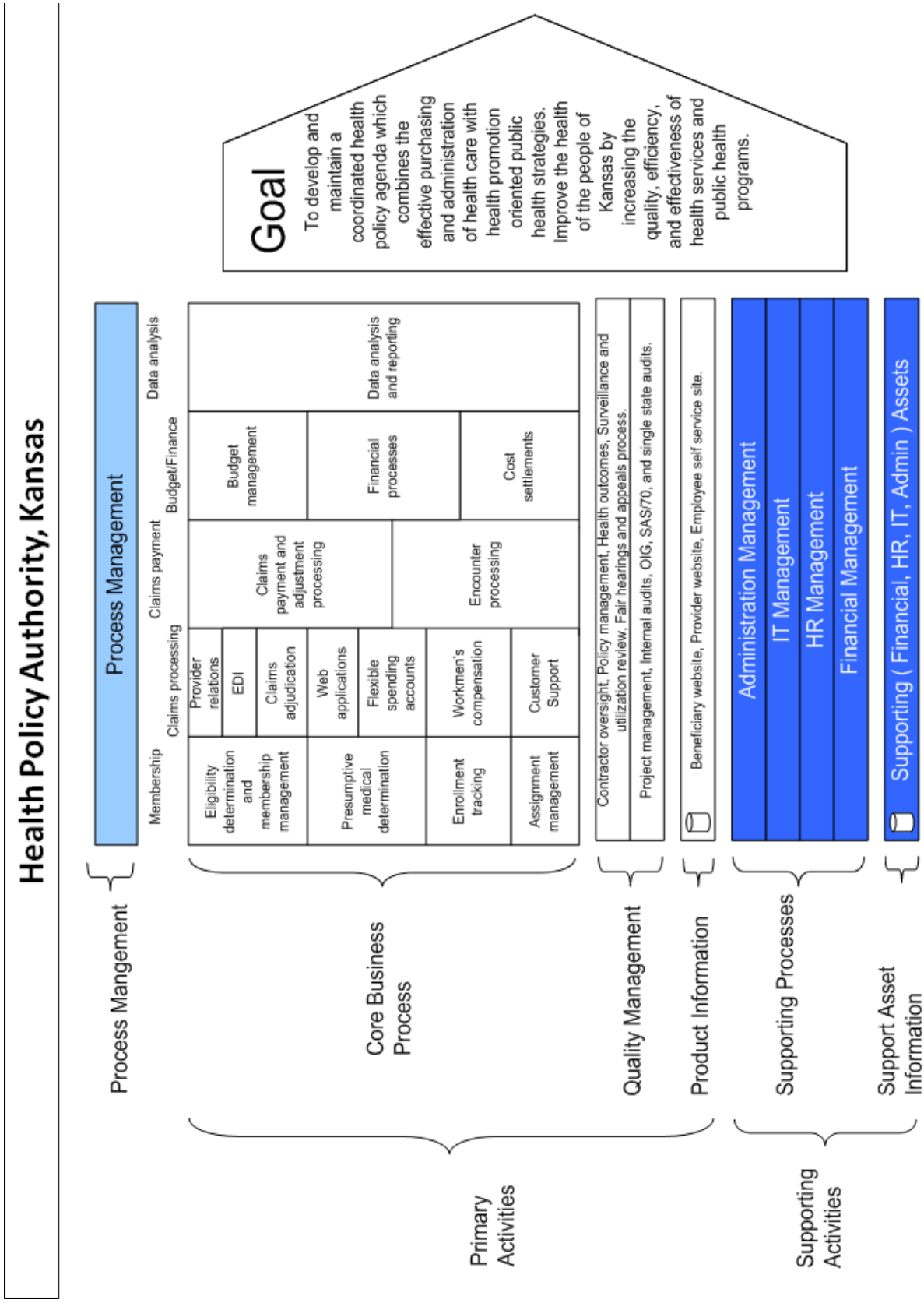


Health and Environment, Department of

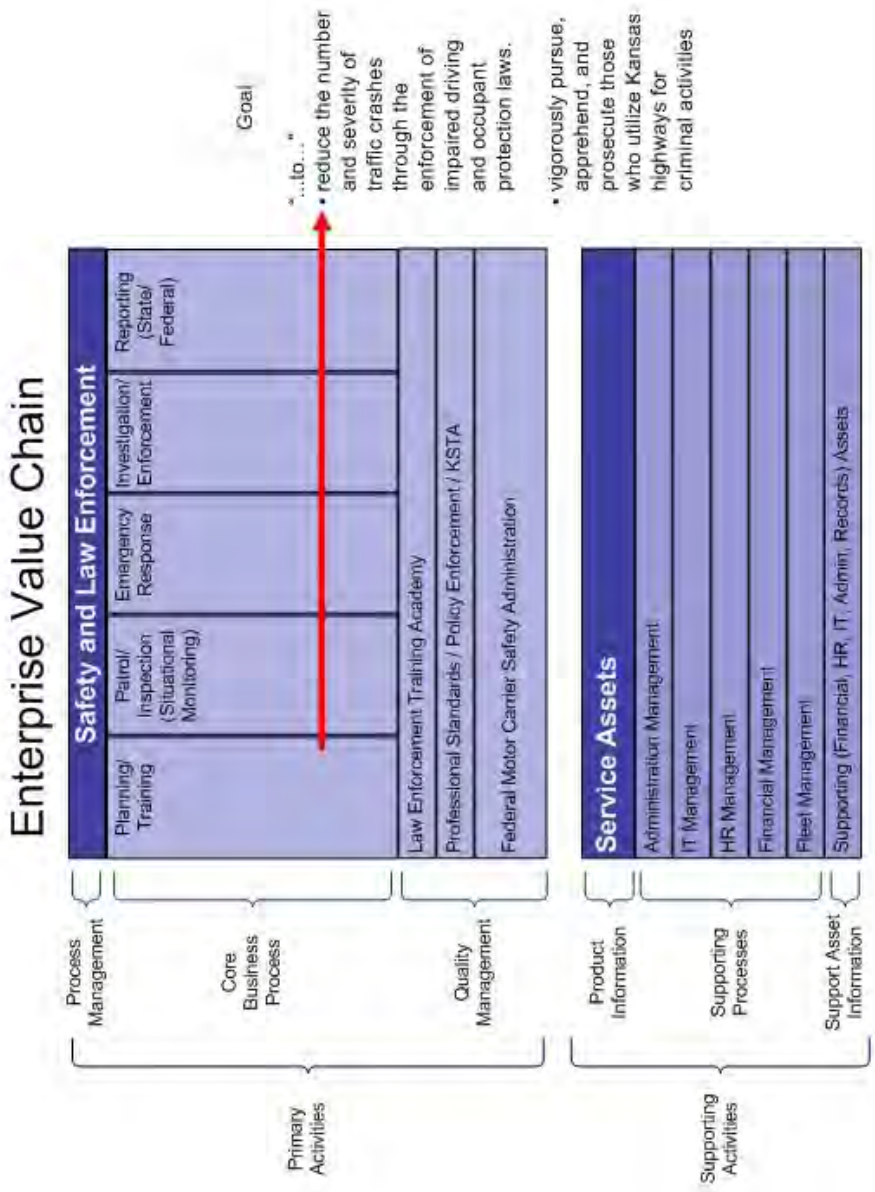


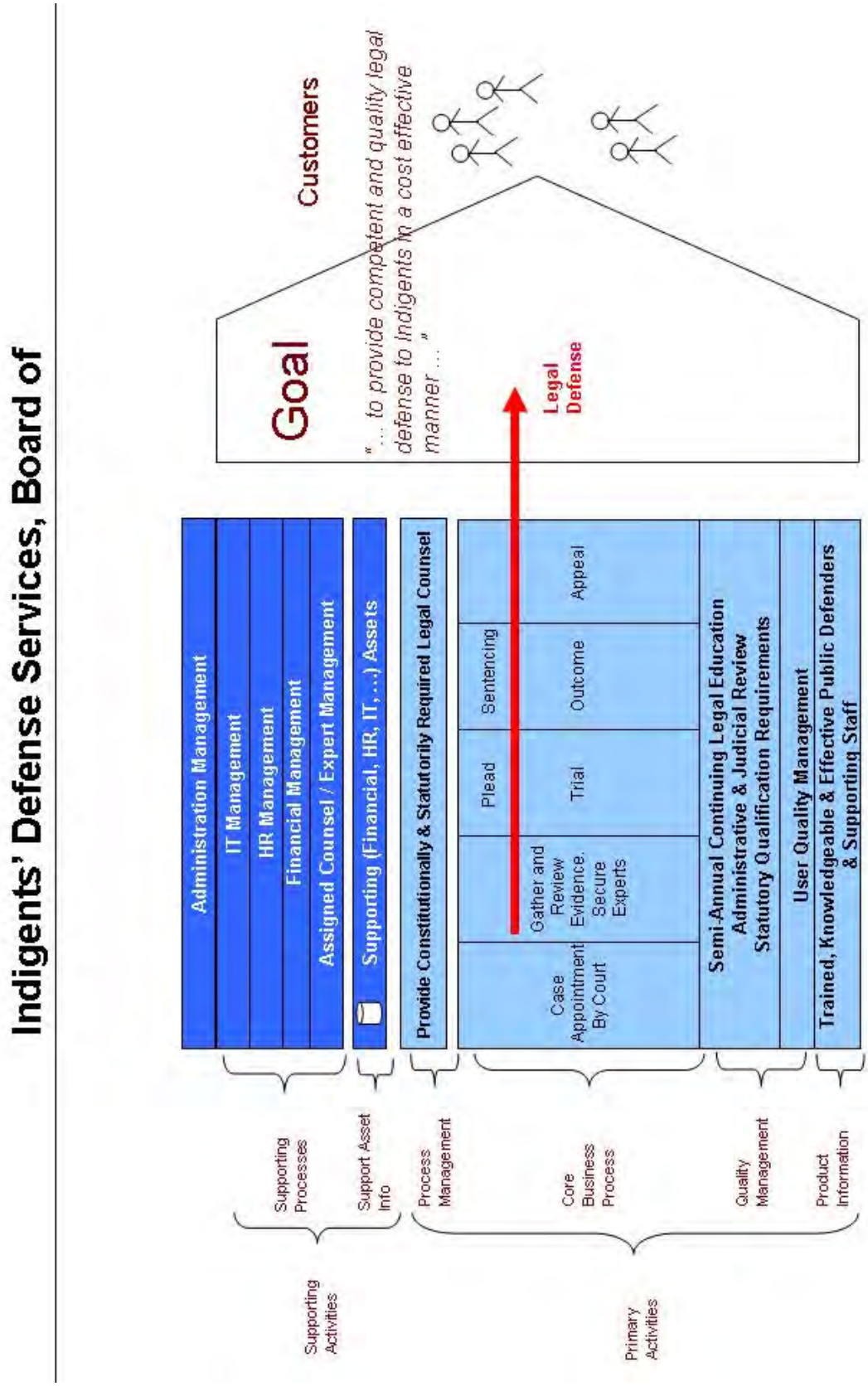
Health Care Stabilization Fund



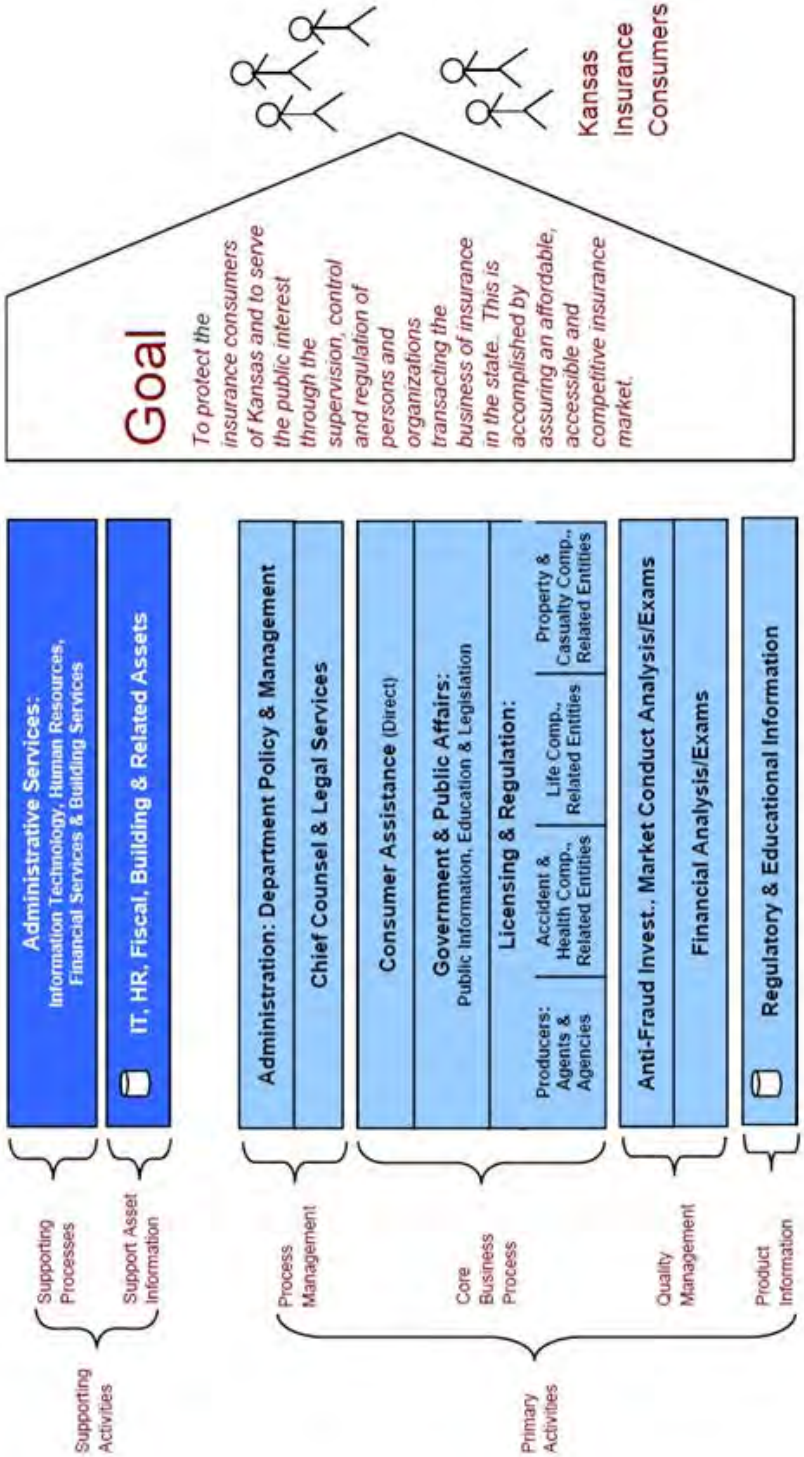

Health Policy Authority, Kansas
Goal
To develop and maintain a coordinated health policy agenda which combines the effective purchasing and administration of health care with health promotion oriented public health strategies. Improve the health of the people of Kansas by increasing the quality, efficiency, and effectiveness of health services and public health programs.
Process Mangement
Process Management
Membership
Claims processing
Claims payment
Budget/Finance
Data analysis
Eligibility determination and membership management
Presumptive medical determination
Enrollment tracking
Assignment management
Provider relations
EDI
Claims adjudication
Web applications
Flexible spending accounts
Workmen's compensation
Customer Support
Claims payment and adjustment processing
Encounter processing
Budget management
Financial processes
Cost settlements
Data analysis and reporting
Core Business Process
Contractor oversight, Policy management, Health outcomes, Surveillance and utilization review, Fair hearings and appeals process.
Project management, Internal audits, OIG, SAS/70, and single state audits.
Quality Management
Beneficiary website, Provider website, Employee self service site.
Product Information
Administration Management
IT Management
HR Management
Financial Management
Supporting Processes
Supporting (Financial, HR, IT, Admin) Assets
Support Asset Information
Primary Activities
Supporting Activities

Highway Patrol, Kansas

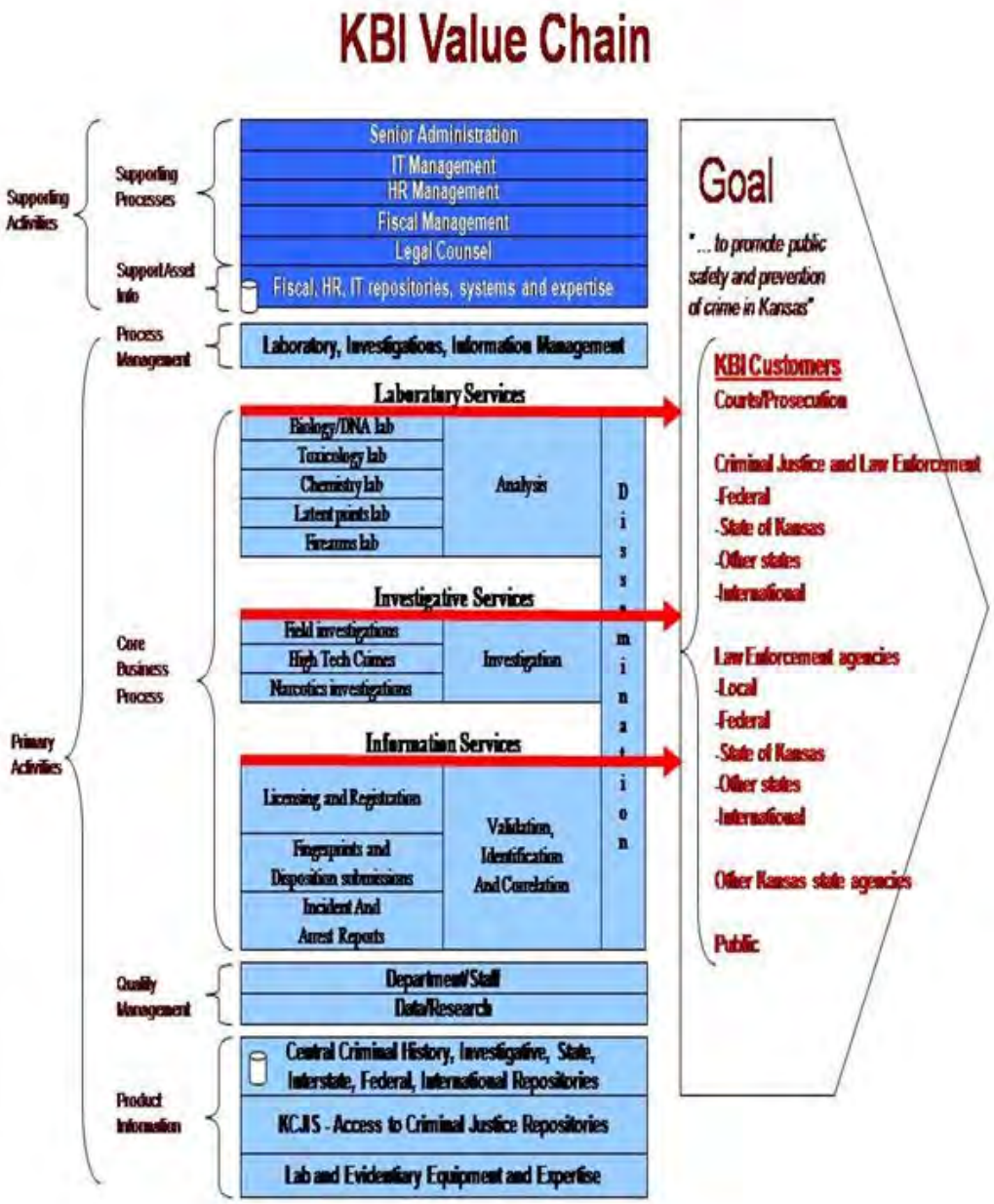



Indigents' Defense Services, Board of
Supporting Activities
Supporting Processes
Administration Management
IT Management
HR Management
Financial Management
Assigned Counsel / Expert Management
Support Asset Info
Supporting (Financial, HR, IT, ...) Assets
Primary Activities
Process Management
Provide Constitutionally & Statutorily Required Legal Counsel
Core Business Process
Case Appointment By Court
Gather and Review Evidence. Secure Experts
Plead
Trial
Sentencing
Outcome
Appeal
Legal Defense
Quality Management
Semi-Annual Continuing Legal Education
Administrative & Judicial Review
Statutory Qualification Requirements
User Quality Management
Product Information
Trained, Knowledgeable & Effective Public Defenders & Supporting Staff
Goal
"... to provide competent and quality legal defense to indigents in a cost effective manner ..."
Customers

Insurance Department, Kansas

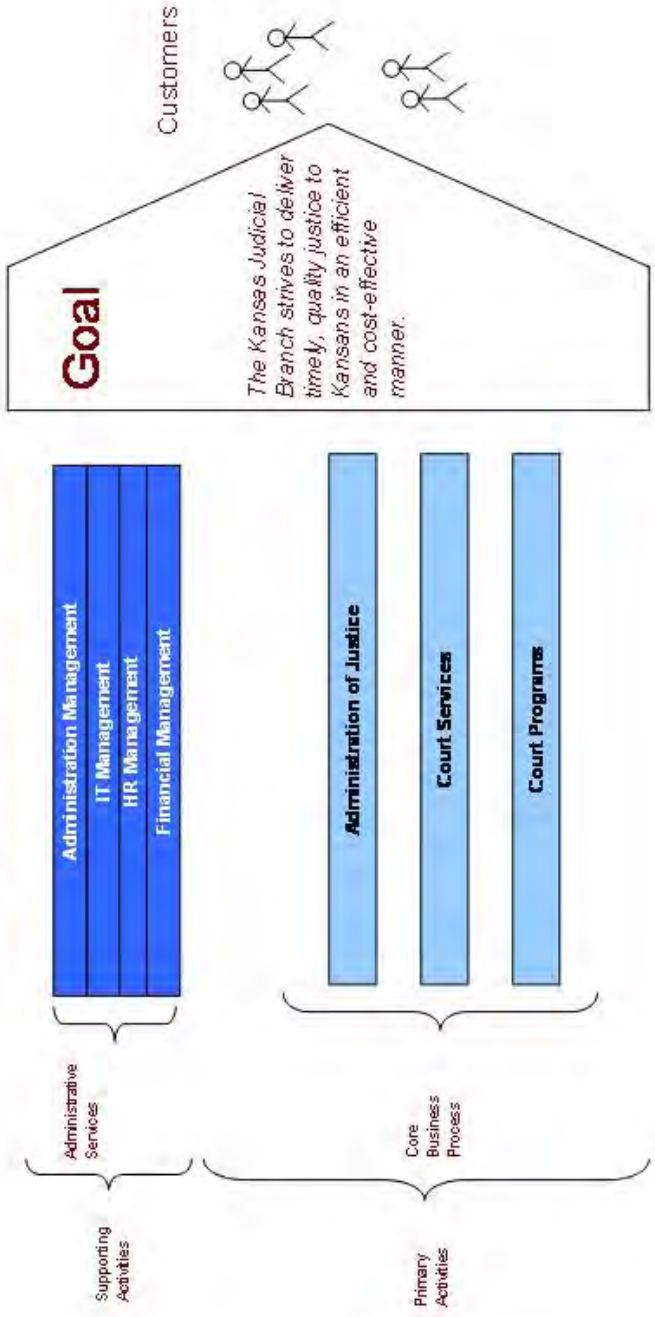


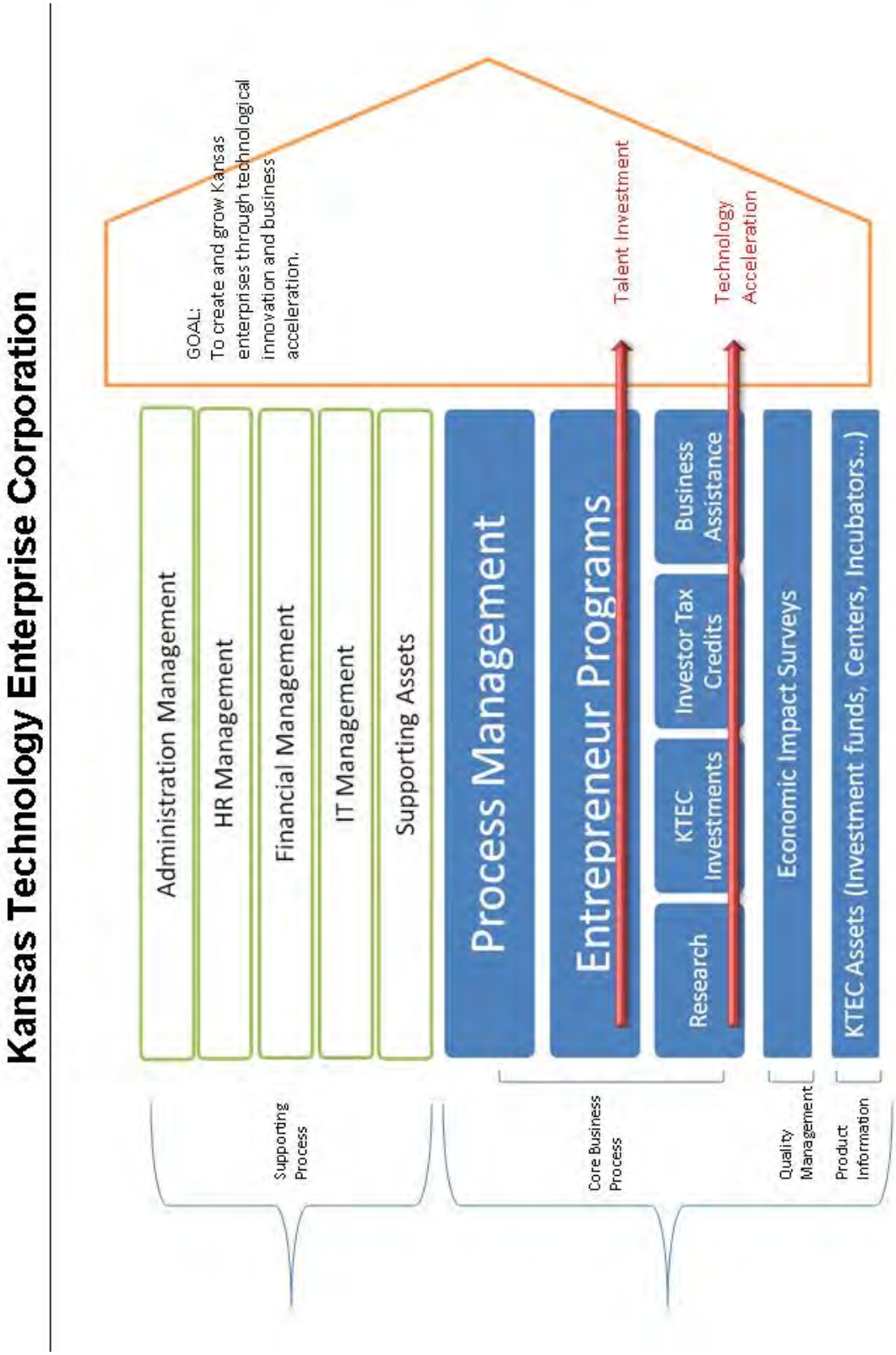
Investigation, Kansas Bureau of



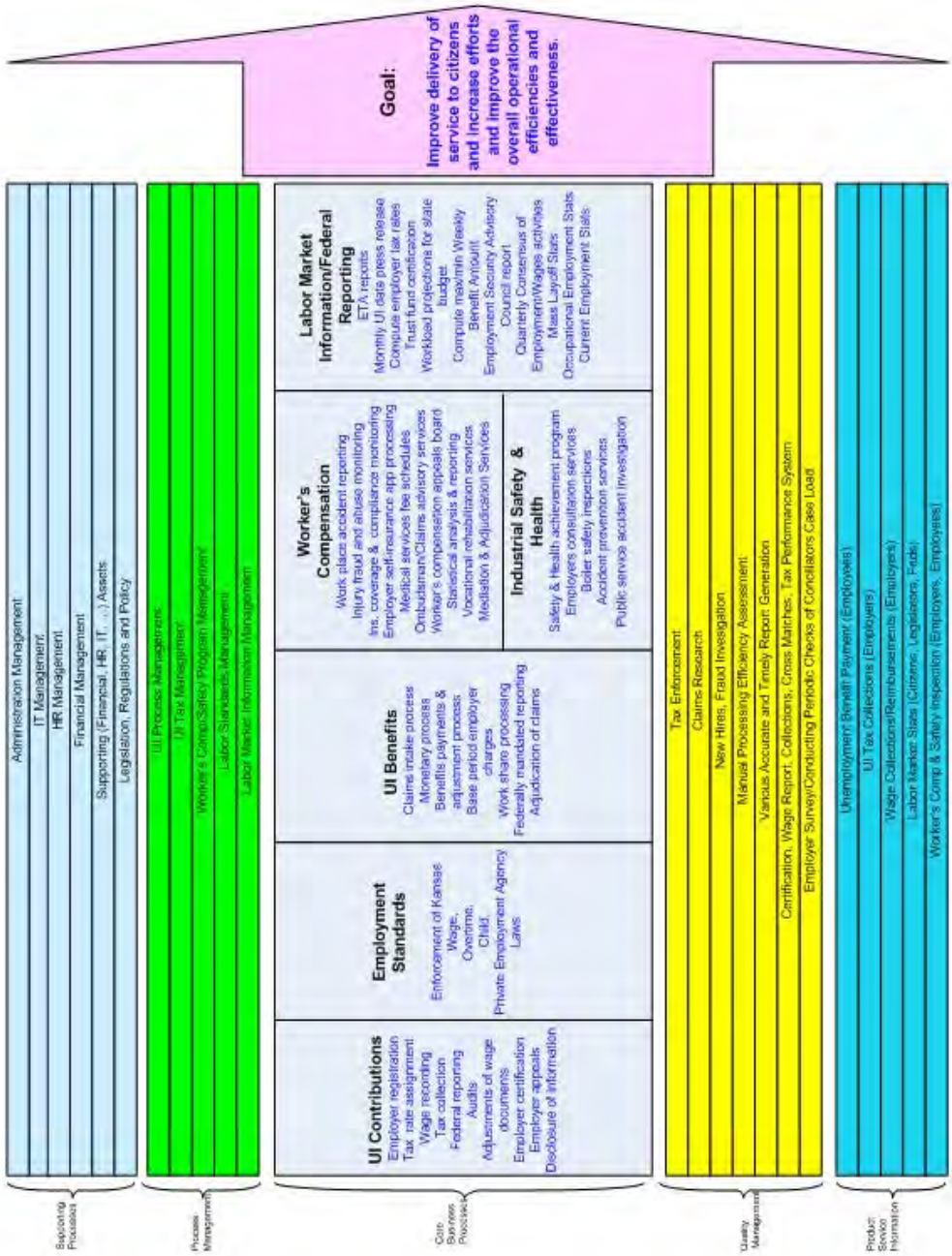
Judicial Branch, Kansas

Judicial Branch Enterprise Value Chain

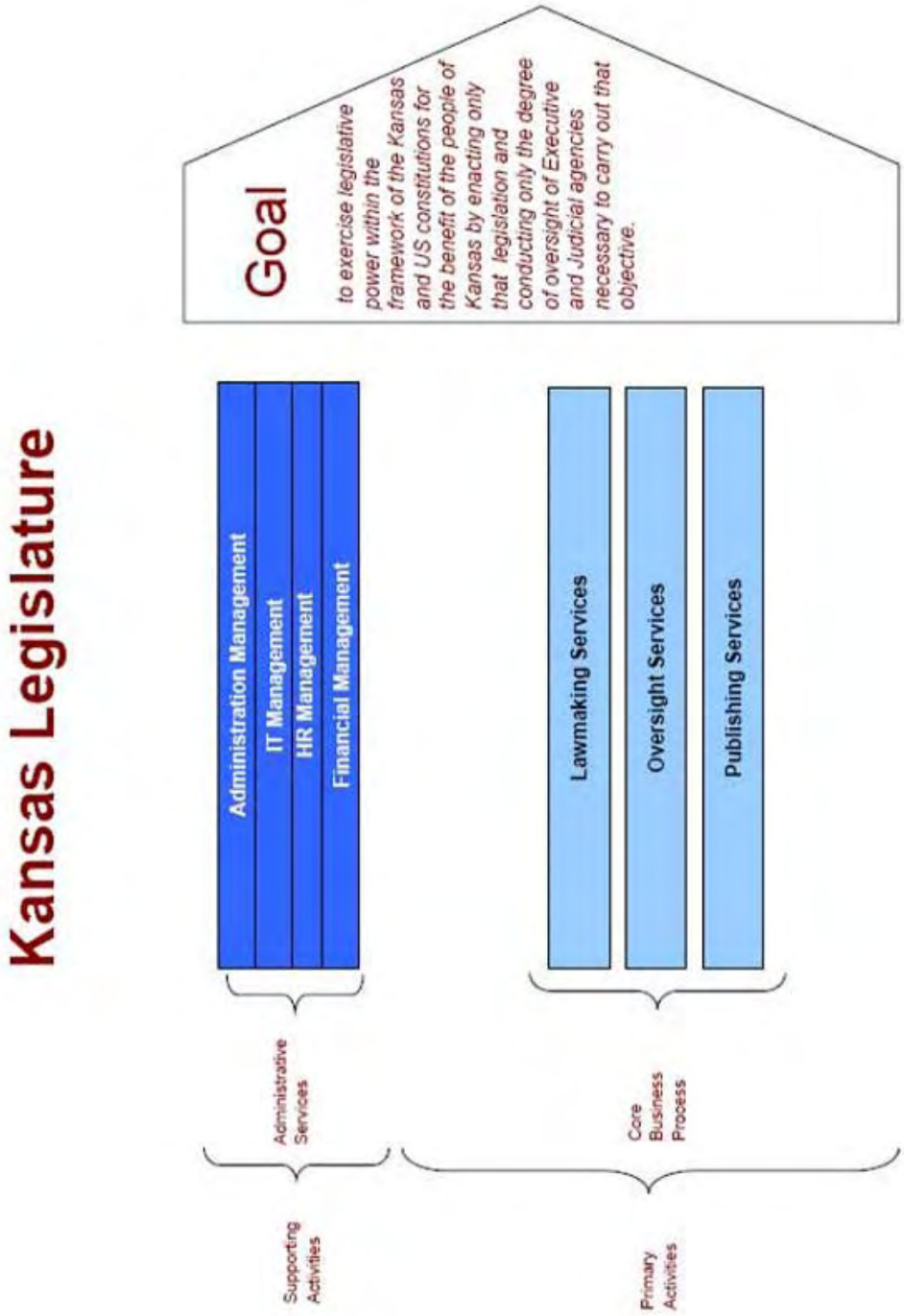



Kansas Technology Enterprise Corporation
GOAL:
To create and grow Kansas enterprises through technological innovation and business acceleration.
Talent Investment
Technology Acceleration
Administration Management
HR Management
Financial Management
IT Management
Supporting Assets
Process Management
Entrepreneur Programs
Research
KTEC Investments
Investor Tax Credits
Business Assistance
Economic Impact Surveys
KTEC Assets (Investment funds, Centers, Incubators...)
Supporting Process
Core Business Process
Quality Management
Product Information

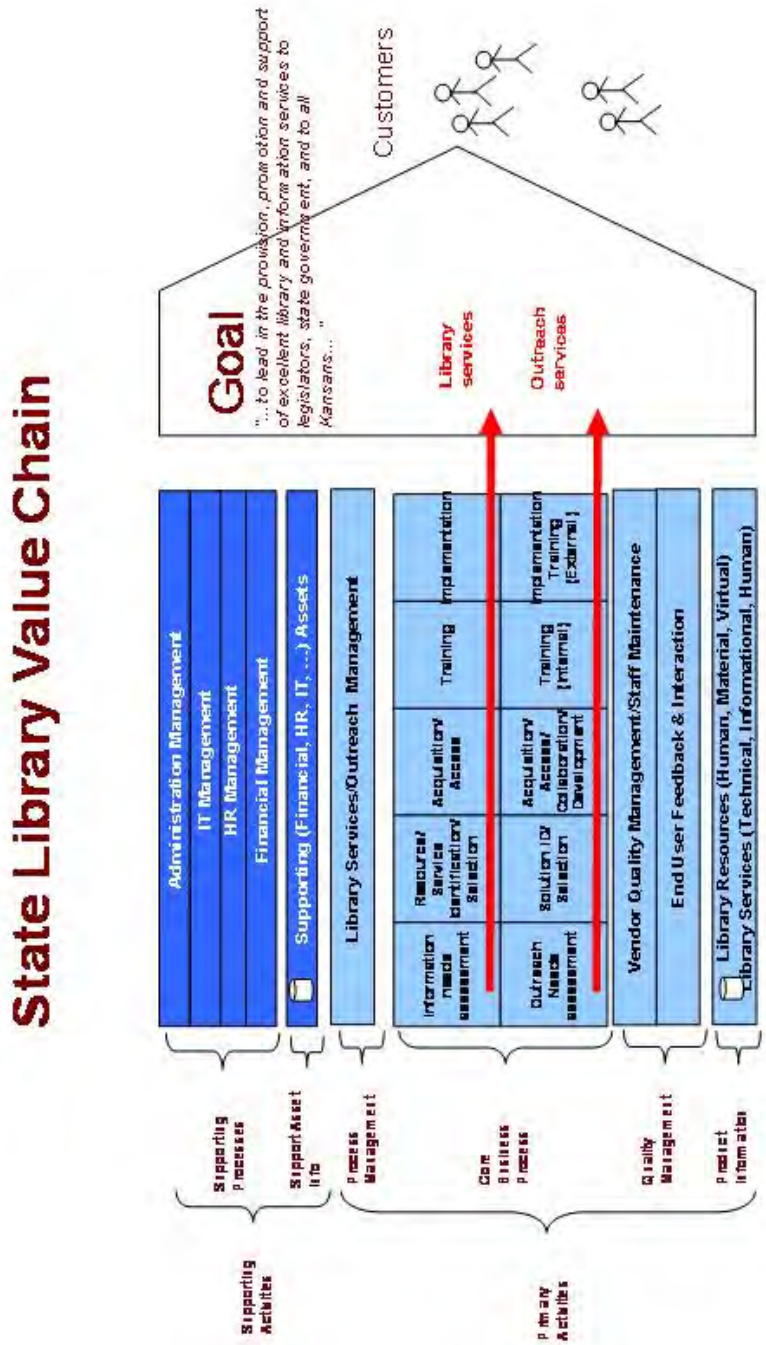
Labor, Department of



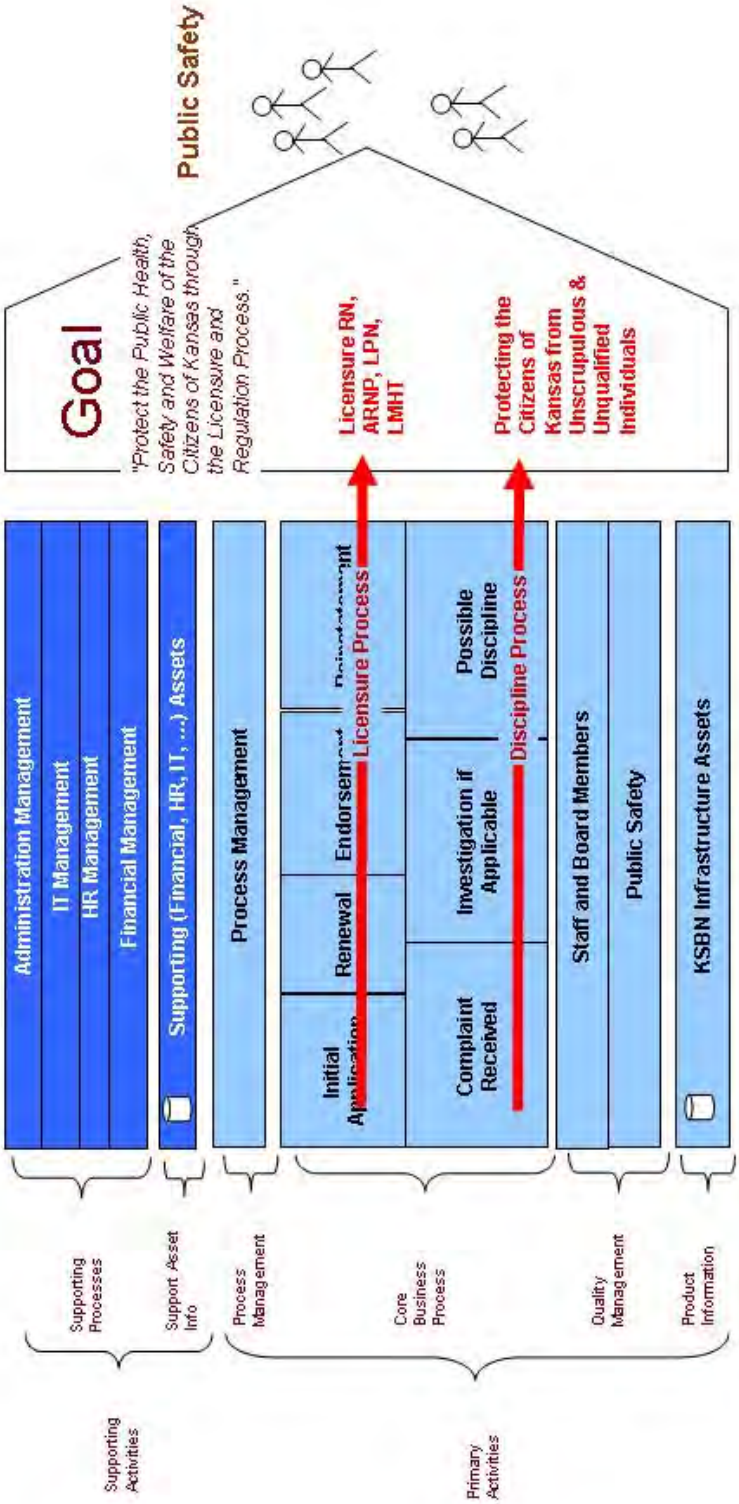
Legislature, Kansas



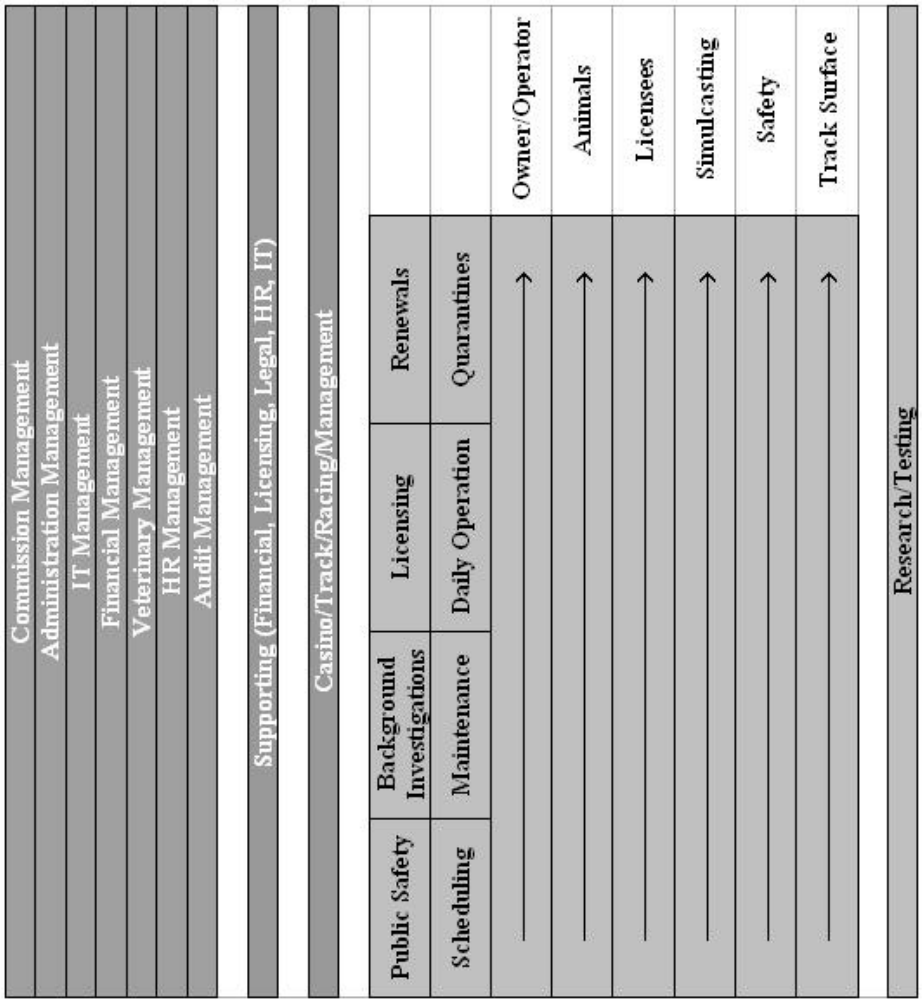
Library, State



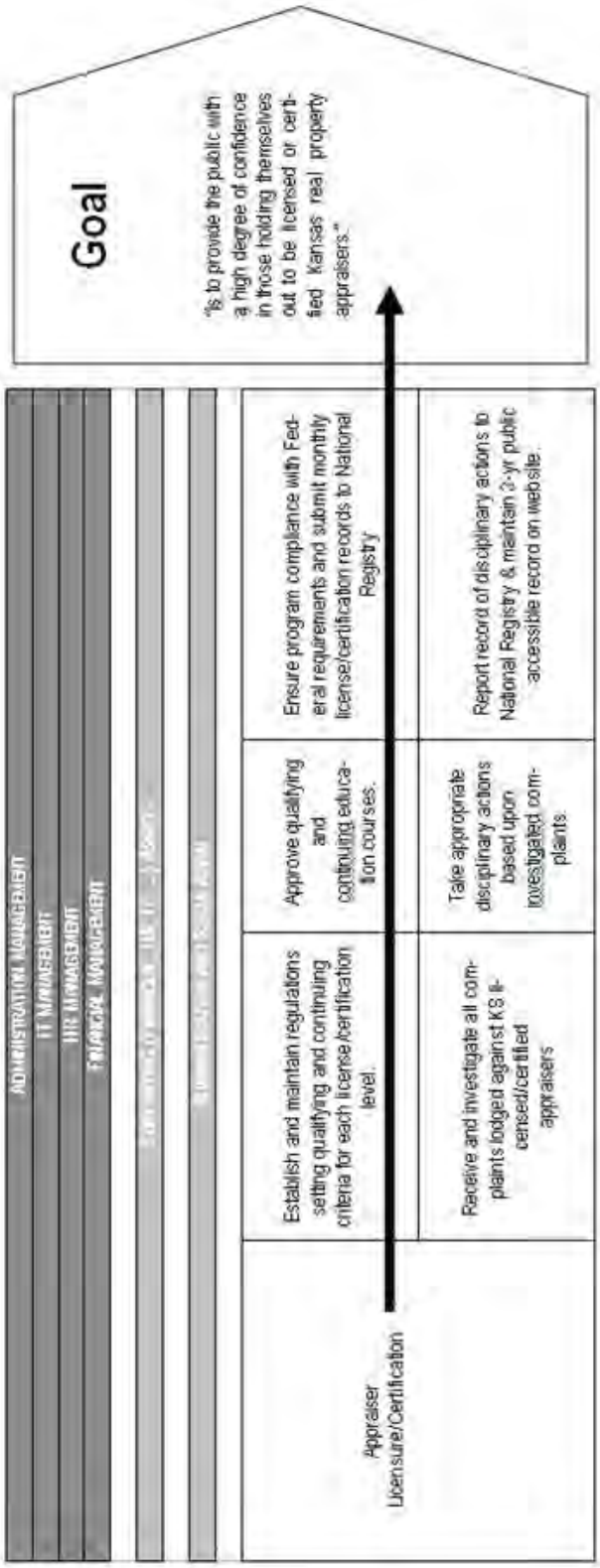
Nursing, Kansas State Board of



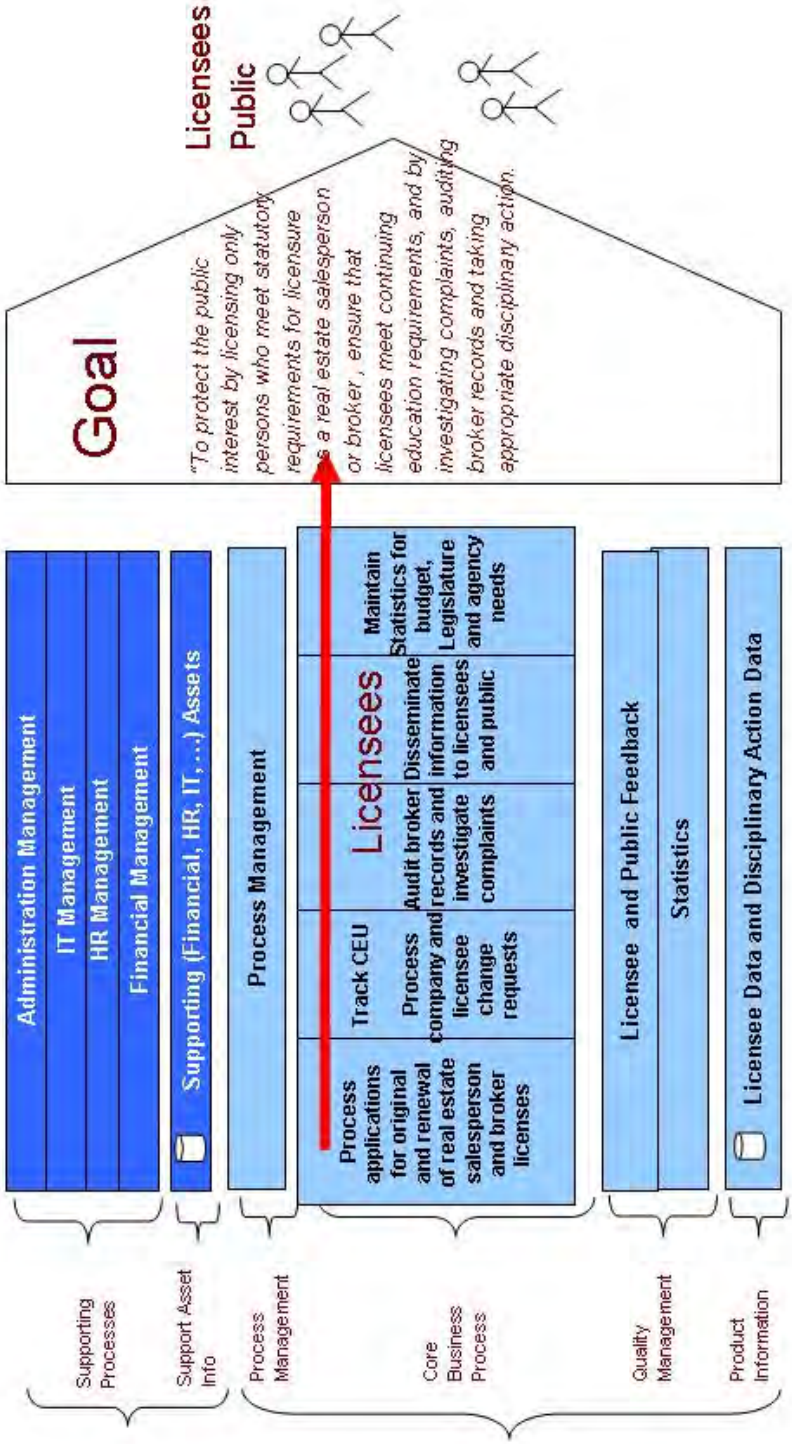
Racing and Gaming Commission

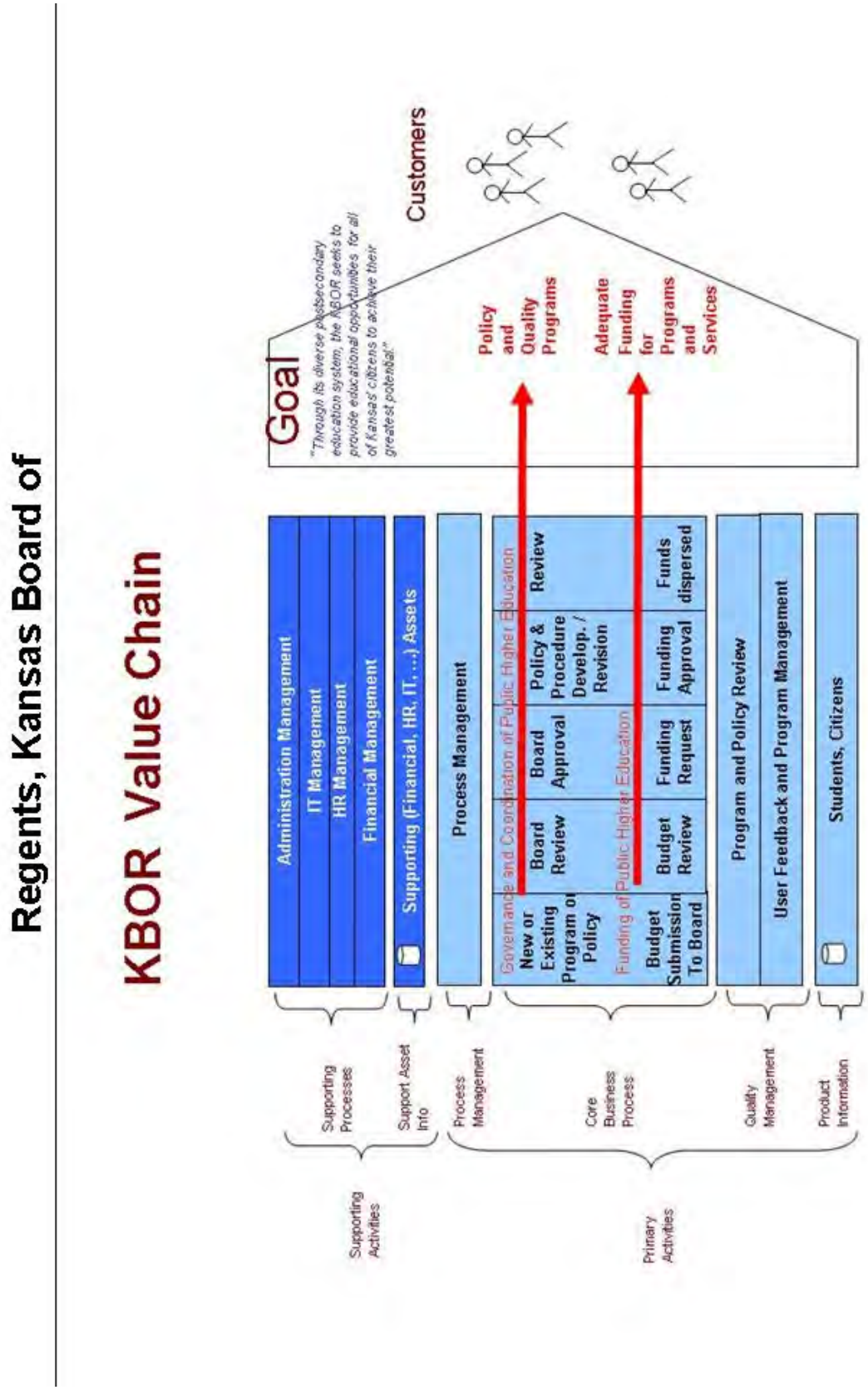


Real Estate Appraisal Board, Kansas

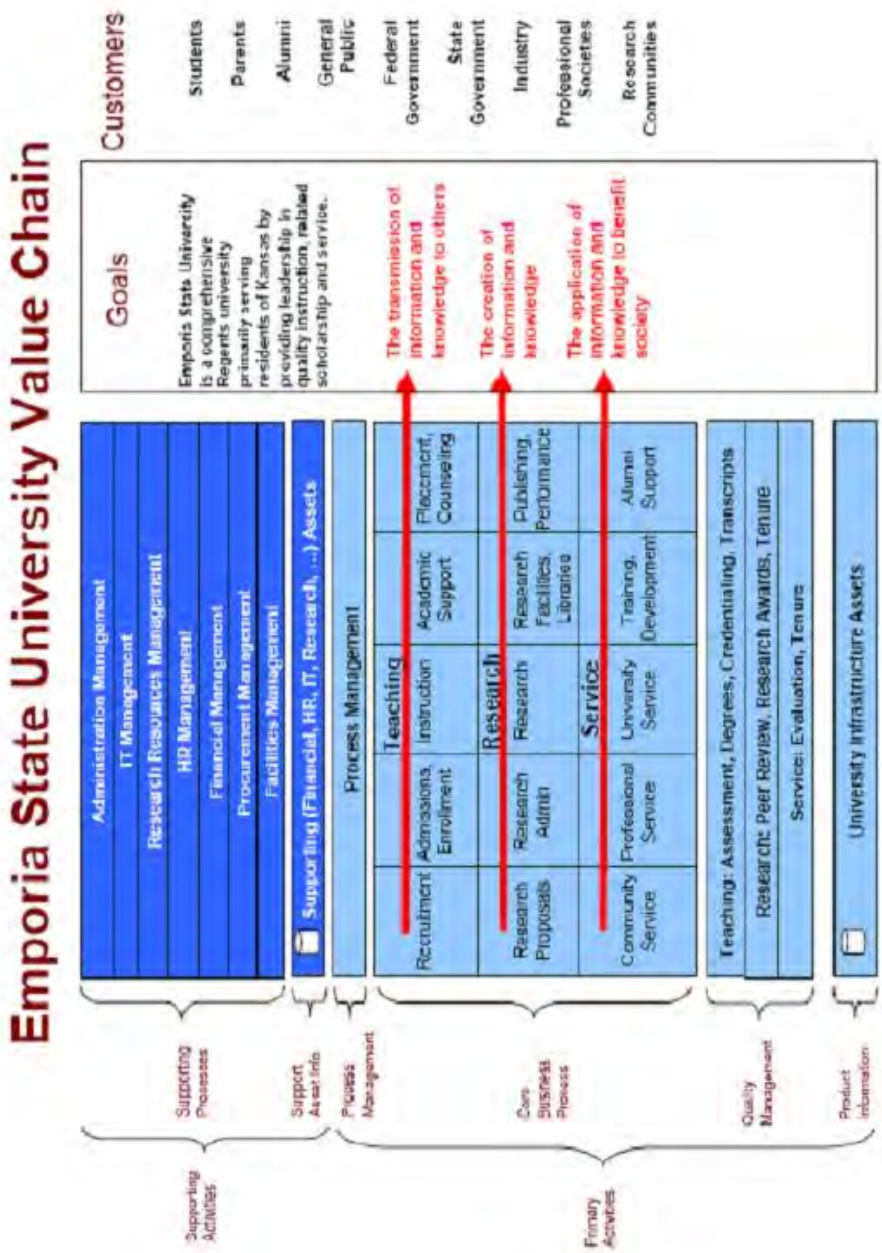


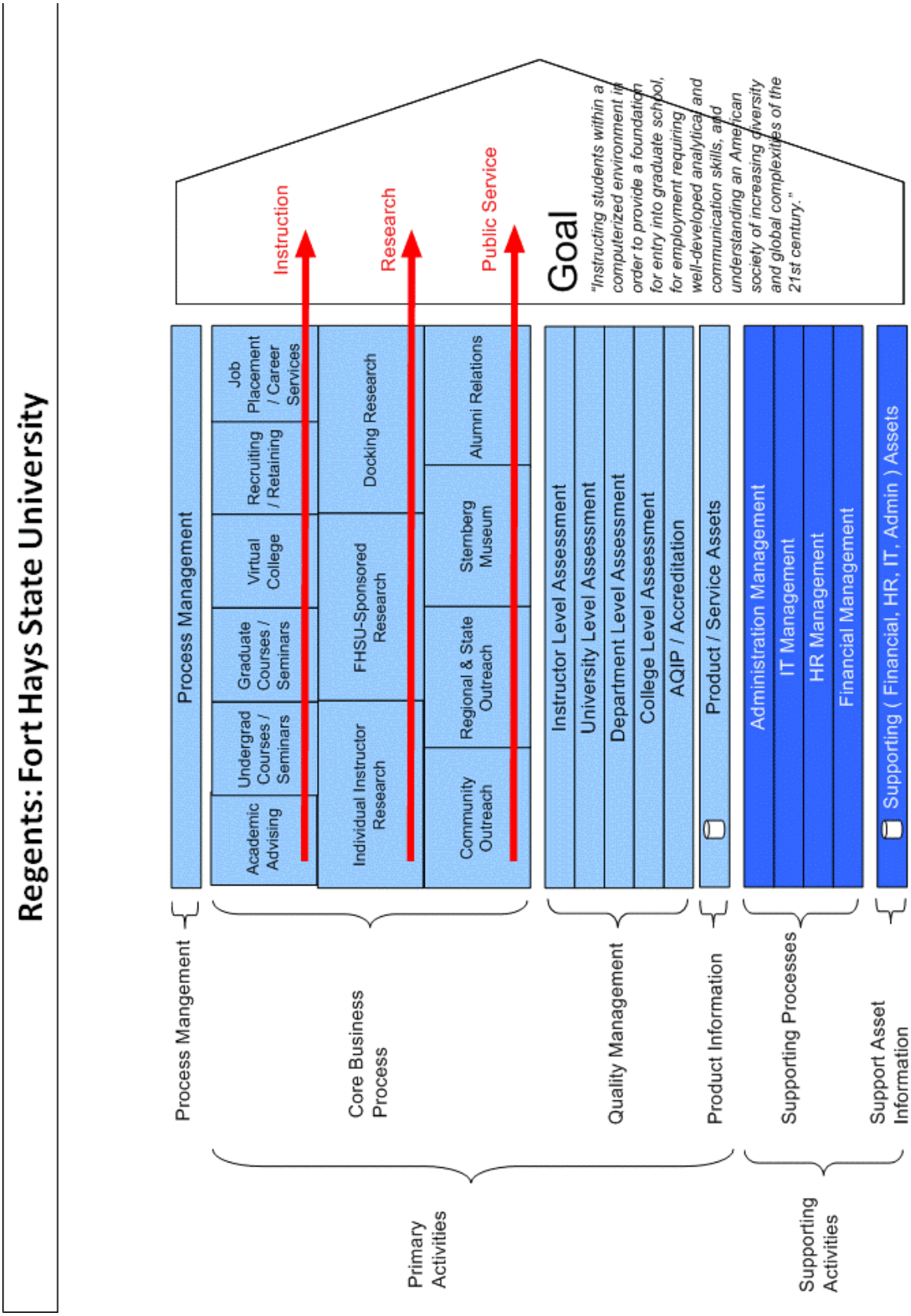
Real Estate Commission, Kansas



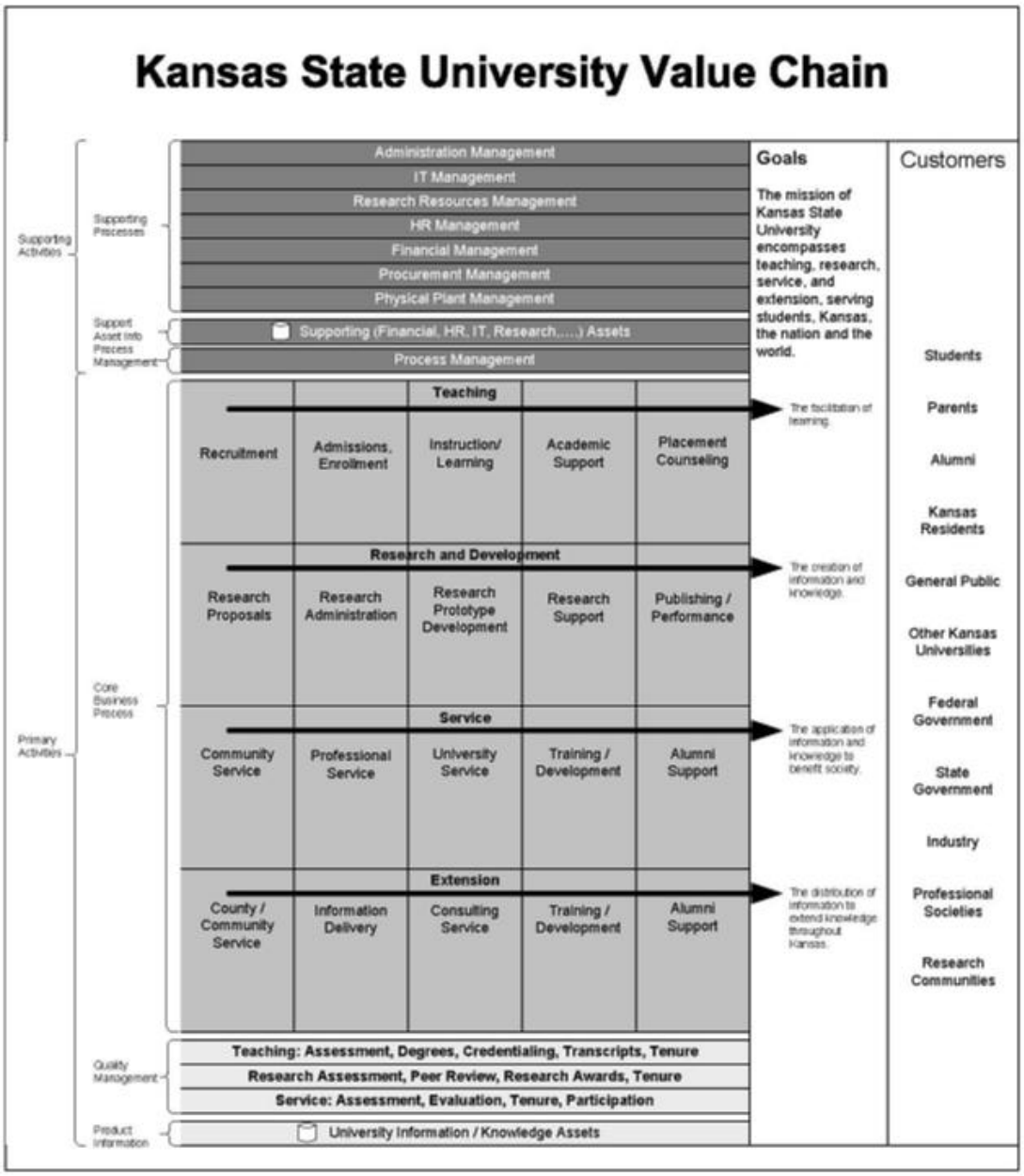

Regents, Kansas Board of
KBOR Value Chain
Goal
"Through its diverse postsecondary education system, the KBOR seeks to provide educational opportunities for all of Kansas' citizens to achieve their greatest potential."
Customers
Policy and Quality Programs
Adequate Funding for Programs and Services
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, ...) Assets
Process Management
Governance and Coordination of Public Higher Education
New or Existing Program or Policy
Board Review
Board Approval
Policy & Procedure Develop. / Revision
Review
Funding of Public Higher Education
Budget Submission To Board
Budget Review
Funding Request
Funding Approval
Funds dispersed
Program and Policy Review
User Feedback and Program Management
Students, Citizens
Supporting Processes
Support Asset Info
Process Management
Core Business Process
Quality Management
Product Information
Supporting Activities
Primary Activities

Regents: Emporia State University

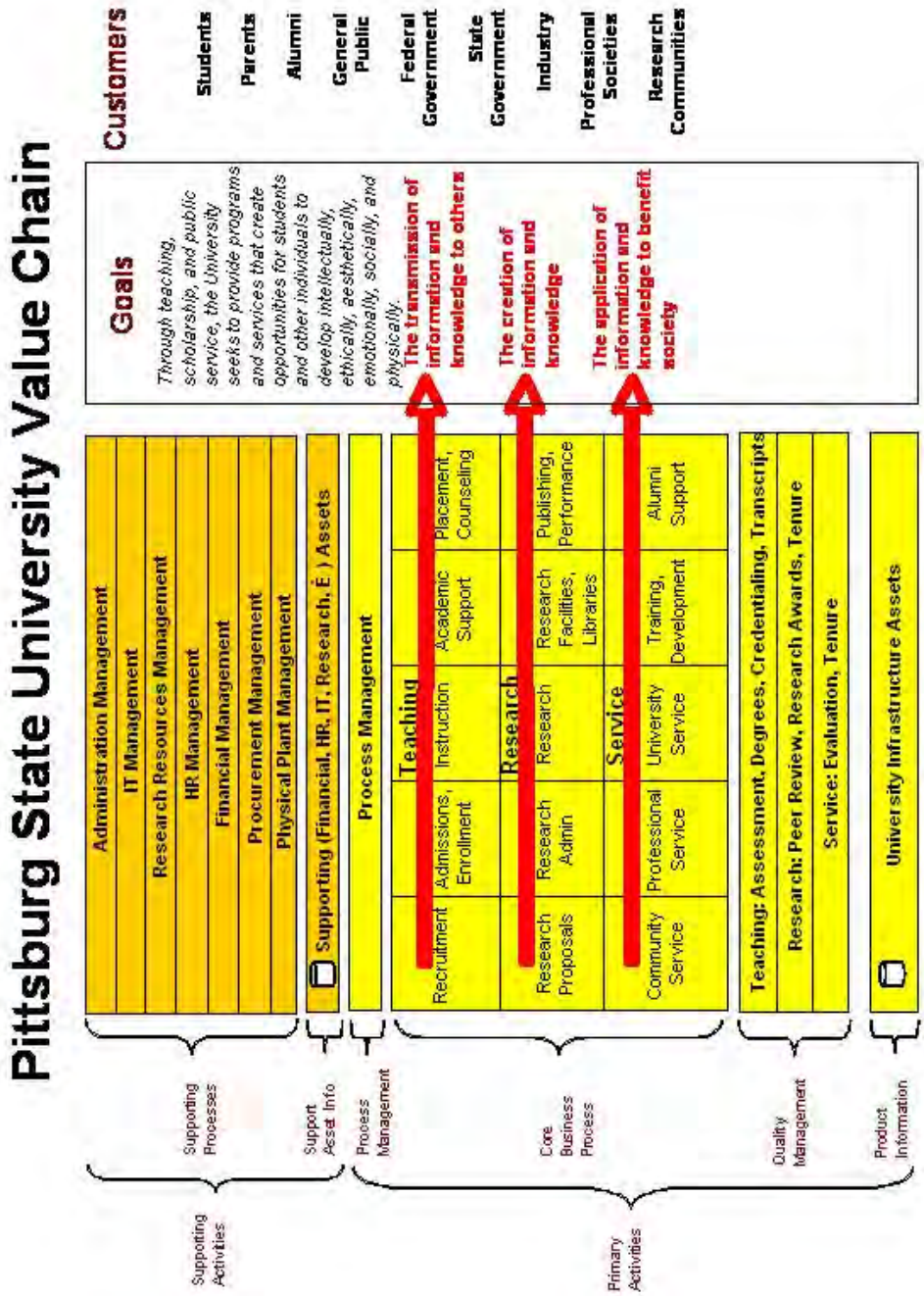



Regents: Fort Hays State University
Goal
"Instructing students within a computerized environment in order to provide a foundation for entry into graduate school, for employment requiring well-developed analytical and communication skills, and understanding an American society of increasing diversity and global complexities of the 21st century."
Instruction
Research
Public Service
Process Management
Academic Advising
Undergrad Courses / Seminars
Graduate Courses / Seminars
Virtual College
Recruiting / Retaining
Job Placement / Career Services
Individual Instructor Research
FHSU-Sponsored Research
Docking Research
Community Outreach
Regional & State Outreach
Sternberg Museum
Alumni Relations
Instructor Level Assessment
University Level Assessment
Department Level Assessment
College Level Assessment
AQIP / Accreditation
Product / Service Assets
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, Admin) Assets
Process Mangement
Core Business Process
Quality Management
Product Information
Supporting Processes
Support Asset Information
Primary Activities
Supporting Activities

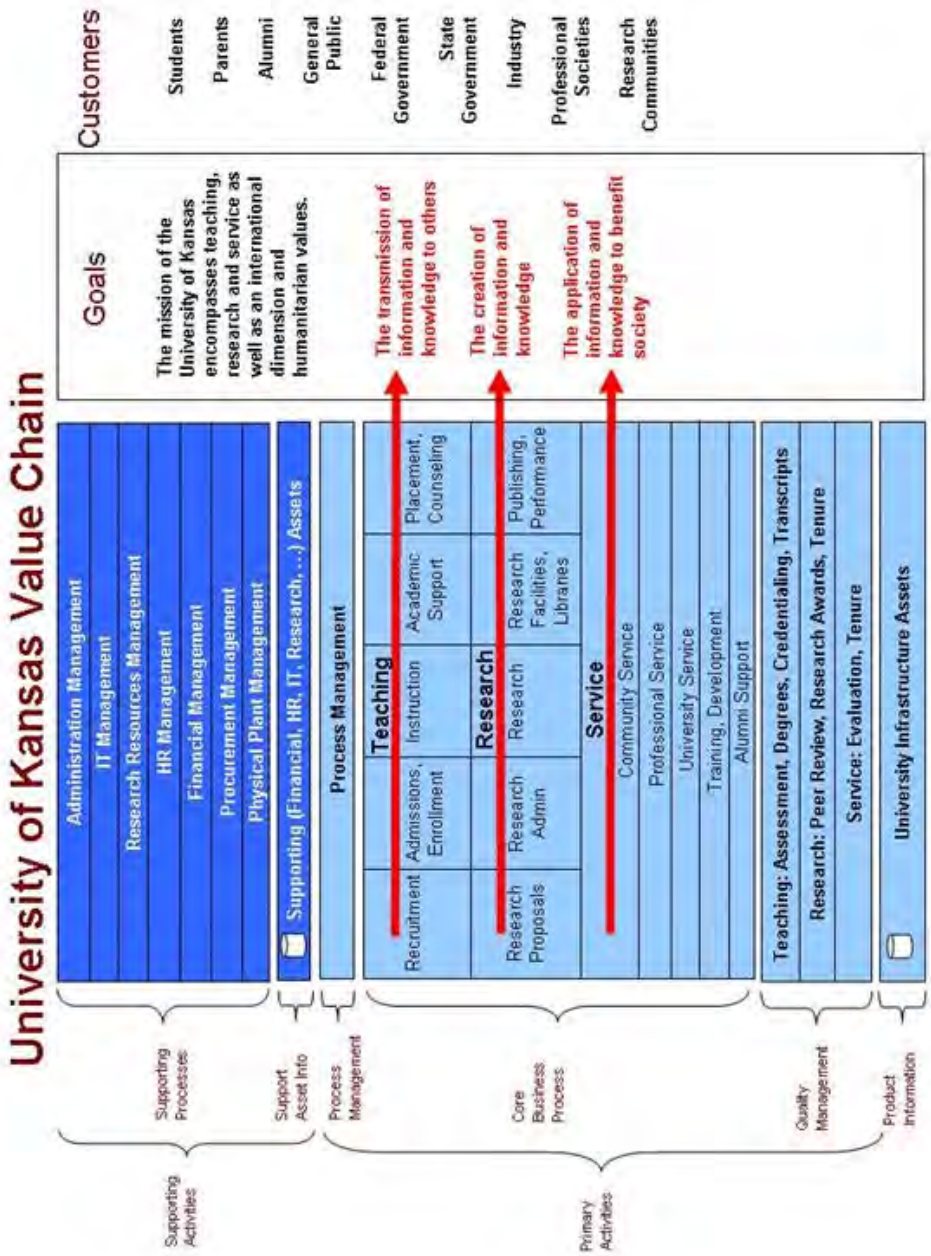
Regents: Kansas State University

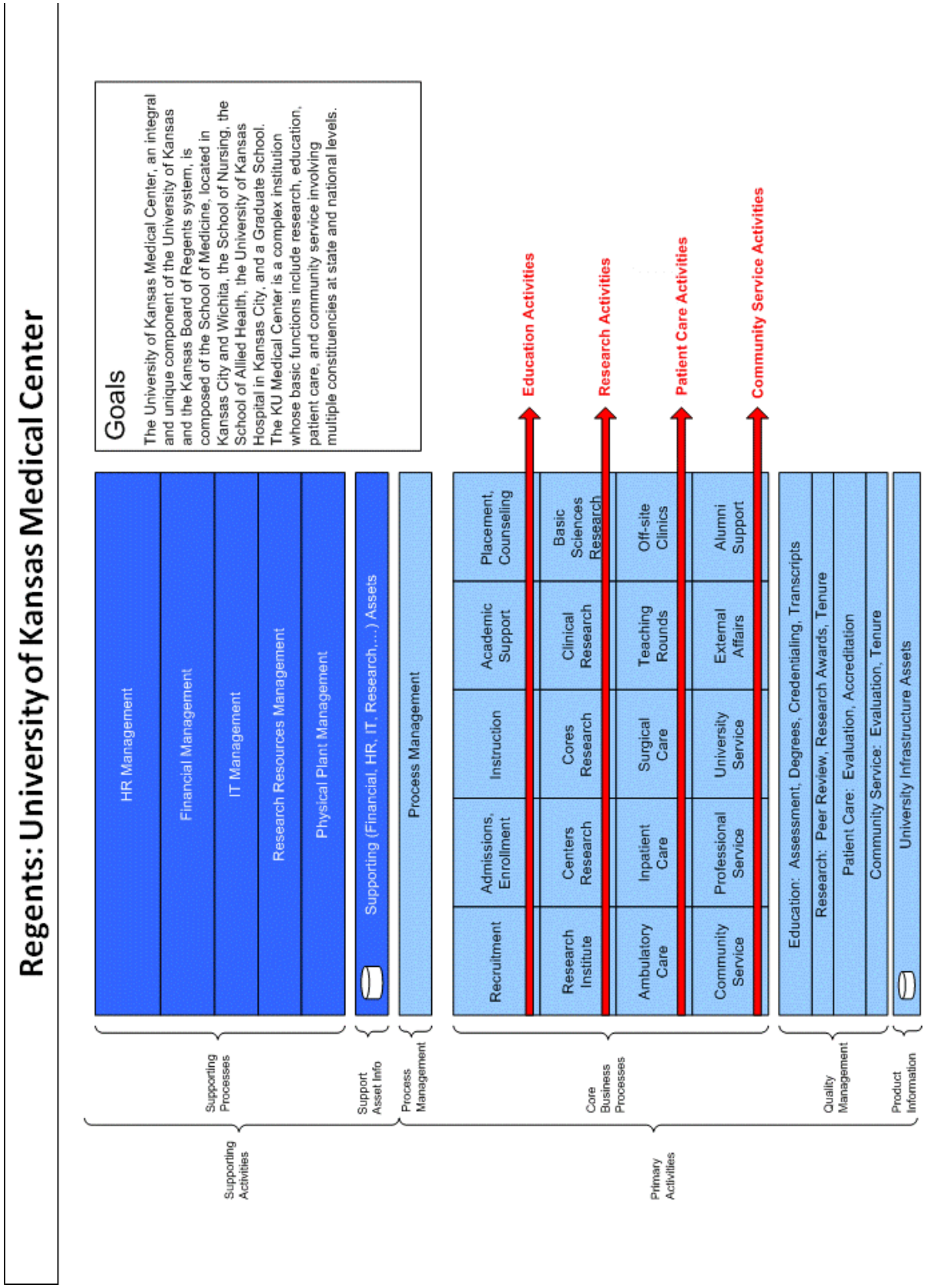


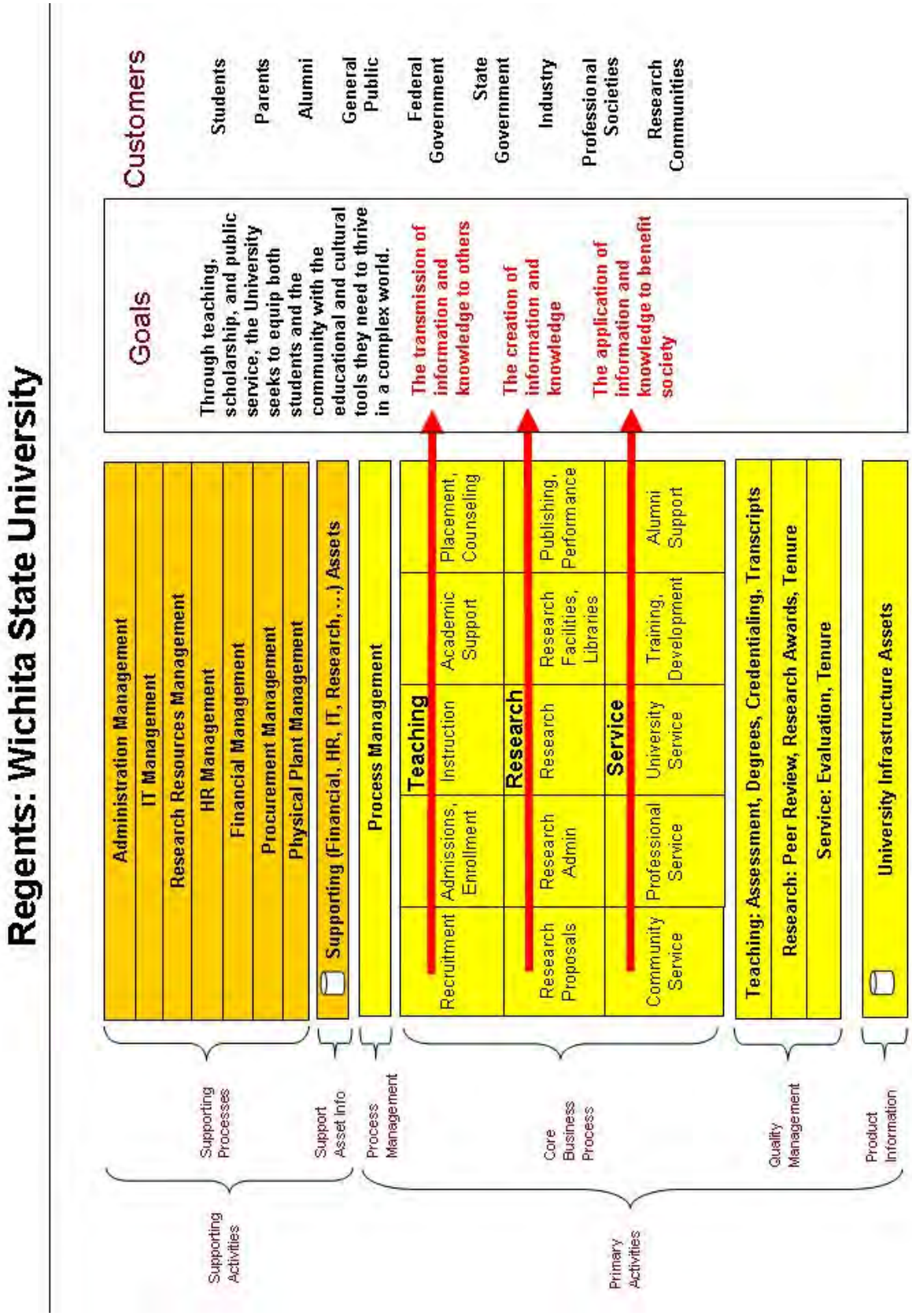
Regents: Pittsburg State University



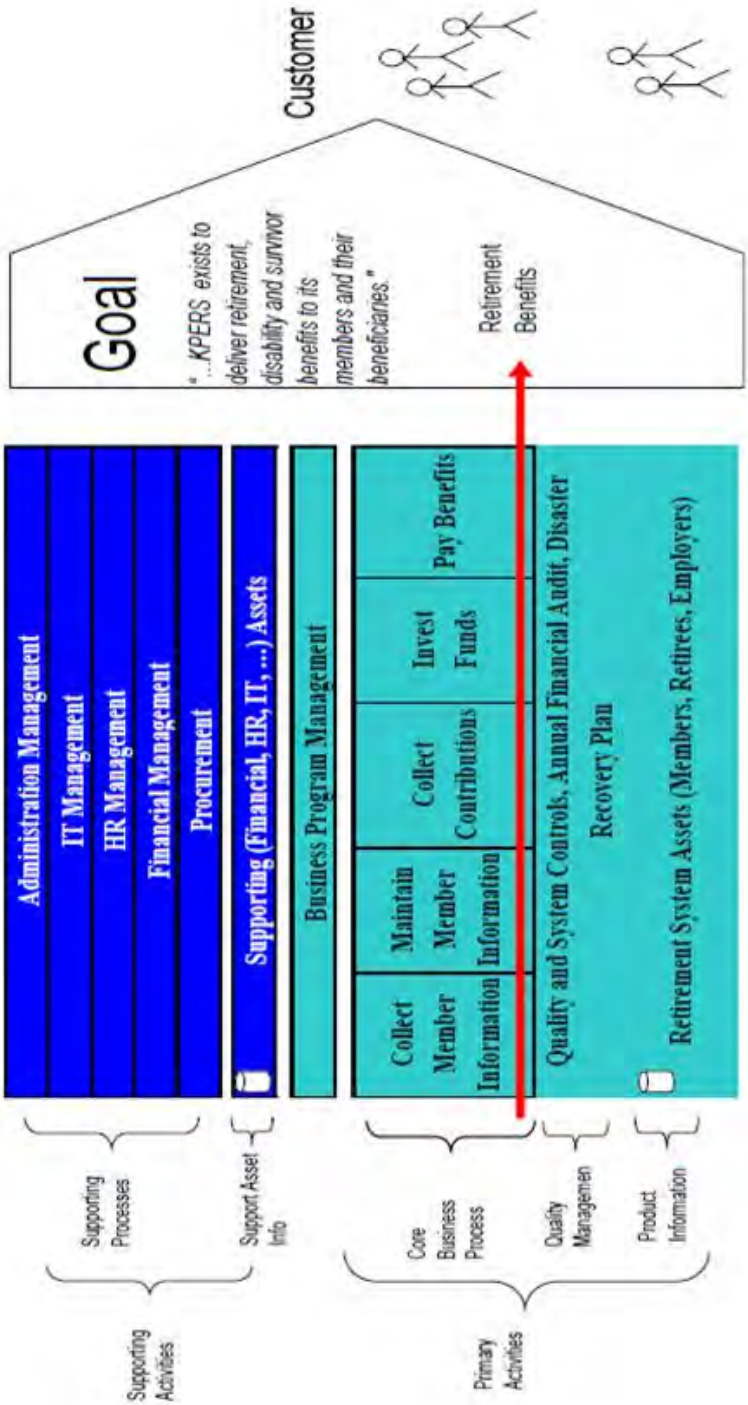
Regents: University of Kansas

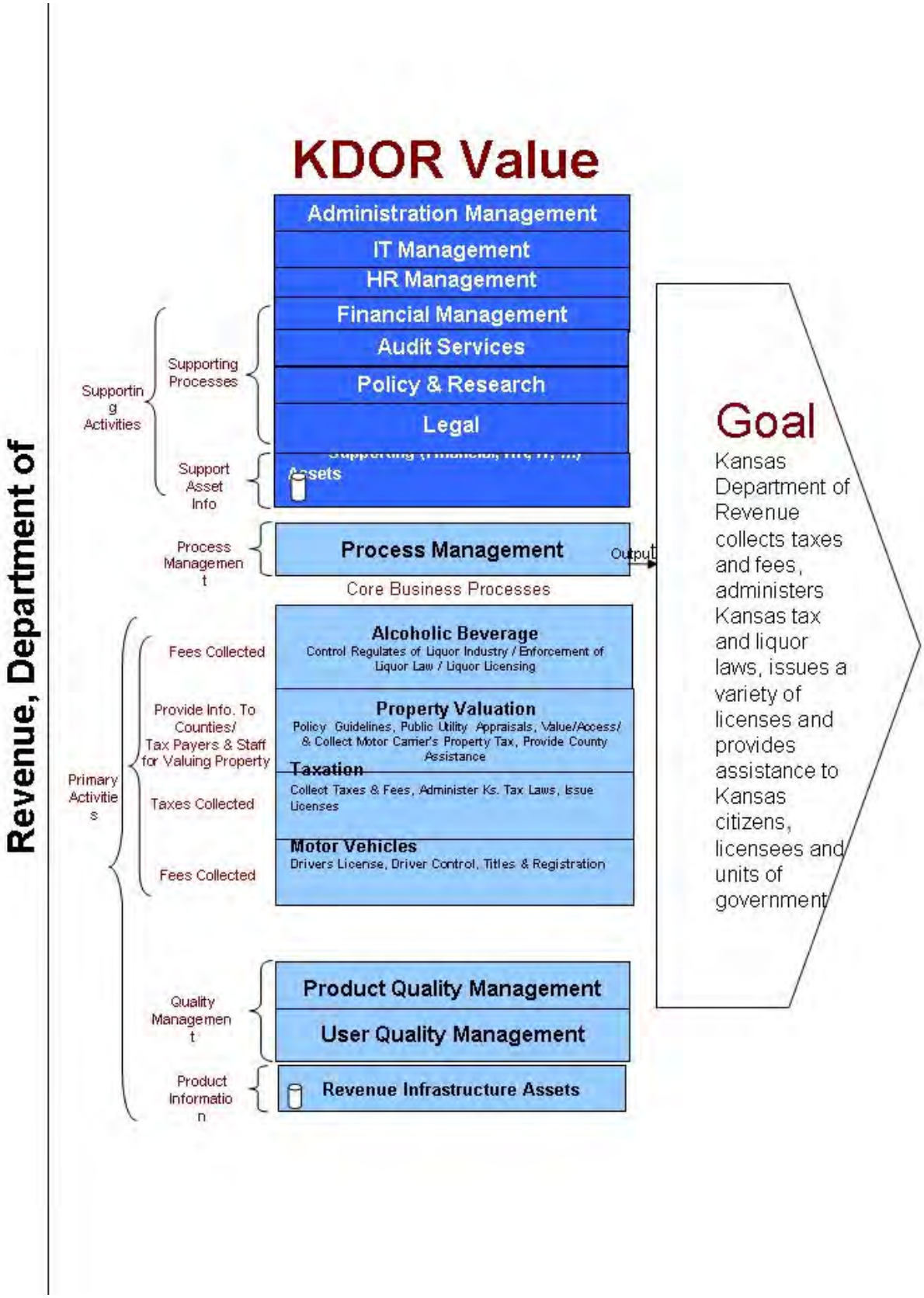


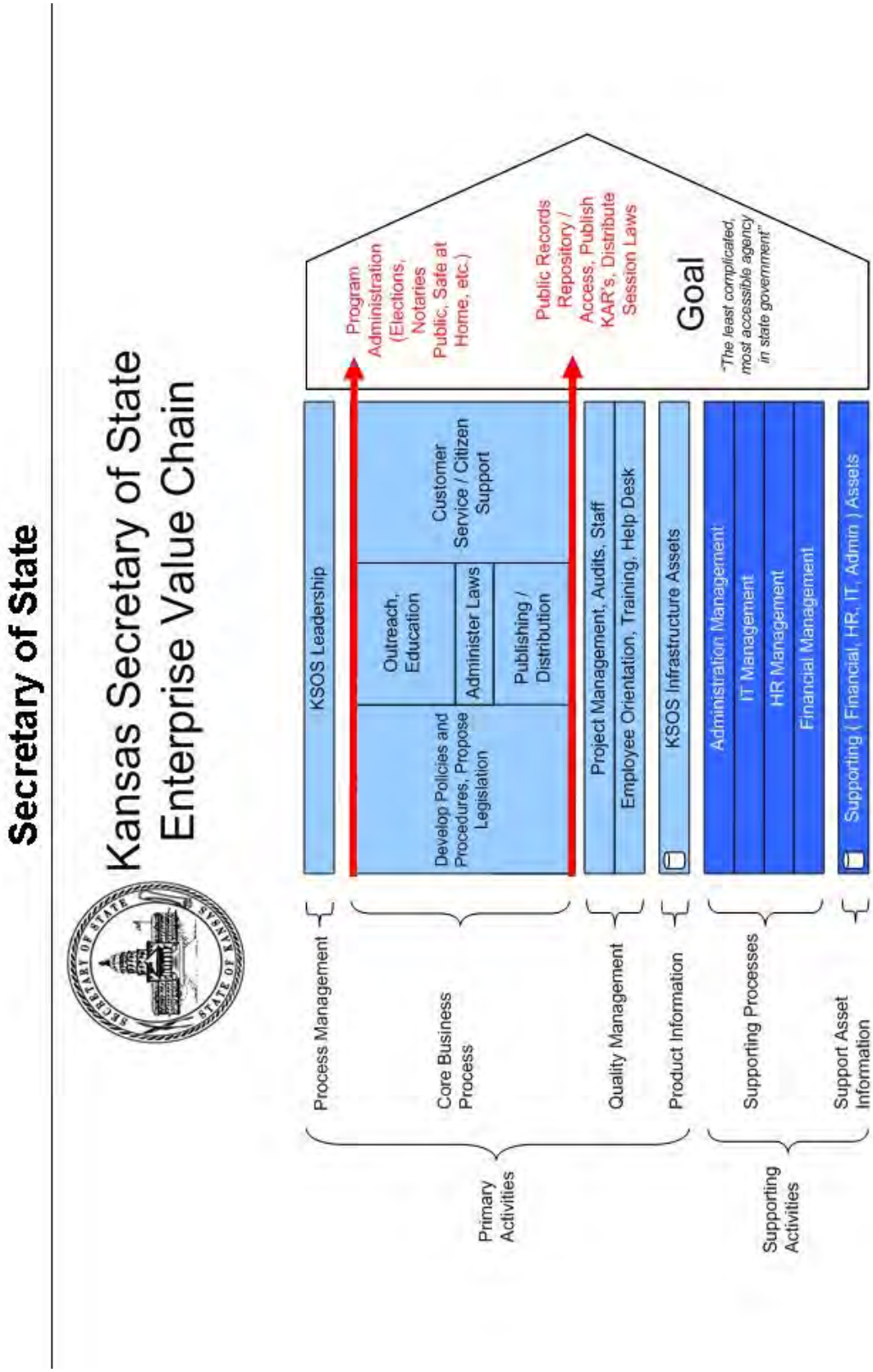

Regents: University of Kansas Medical Center
Goals
The University of Kansas Medical Center, an integral and unique component of the University of Kansas and the Kansas Board of Regents system, is composed of the School of Medicine, located in Kansas City and Wichita, the School of Nursing, the School of Allied Health, the University of Kansas Hospital in Kansas City, and a Graduate School. The KU Medical Center is a complex institution whose basic functions include research, education, patient care, and community service involving multiple constituencies at state and national levels.
HR Management
Financial Management
IT Management
Research Resources Management
Physical Plant Management
Supporting (Financial, HR, IT, Research,...) Assets
Process Management
Recruitment
Admissions, Enrollment
Instruction
Academic Support
Placement, Counseling
Research Institute
Centers Research
Cores Research
Clinical Research
Basic Sciences Research
Ambulatory Care
Inpatient Care
Surgical Care
Teaching Rounds
Off-site Clinics
Community Service
Professional Service
University Service
External Affairs
Alumni Support
Education Activities
Research Activities
Patient Care Activities
Community Service Activities
Education: Assessment, Degrees, Credentialing, Transcripts
Research: Peer Review, Research Awards, Tenure
Patient Care: Evaluation, Accreditation
Community Service: Evaluation, Tenure
University Infrastructure Assets
Supporting Processes
Support Asset Info
Process Management
Core Business Processes
Quality Management
Product Information
Supporting Activities
Primary Activities


Regents: Wichita State University
Customers
Students
Parents
Alumni
General Public
Federal Government
State Government
Industry
Professional Societies
Research Communities
Goals
Through teaching, scholarship, and public service, the University seeks to equip both students and the community with the educational and cultural tools they need to thrive in a complex world.
The transmission of information and knowledge to others
The creation of information and knowledge
The application of information and knowledge to benefit society
Administration Management
IT Management
Research Resources Management
HR Management
Financial Management
Procurement Management
Physical Plant Management
Supporting (Financial, HR, IT, Research, ...) Assets
Process Management
Teaching
Recruitment
Admissions, Enrollment
Instruction
Academic Support
Placement, Counseling
Research
Research Proposals
Research Admin
Research
Research Facilities, Libraries
Publishing, Performance
Service
Community Service
Professional Service
University Service
Training, Development
Alumni Support
Teaching: Assessment, Degrees, Credentialing, Transcripts
Research: Peer Review, Research Awards, Tenure
Service: Evaluation, Tenure
University Infrastructure Assets
Supporting Processes
Support Asset Info
Process Management
Core Business Process
Quality Management
Product Information
Supporting Activities
Primary Activities

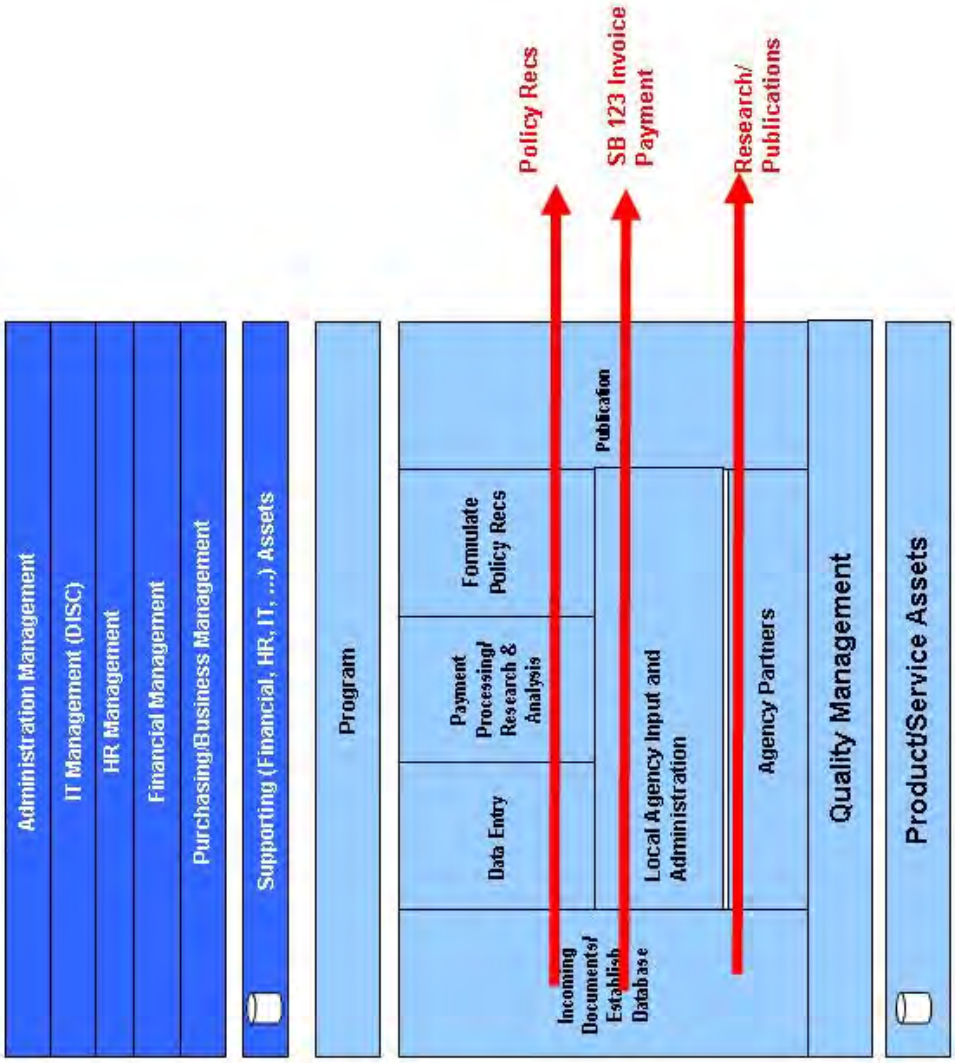
Retirement System, Kansas Public Employee



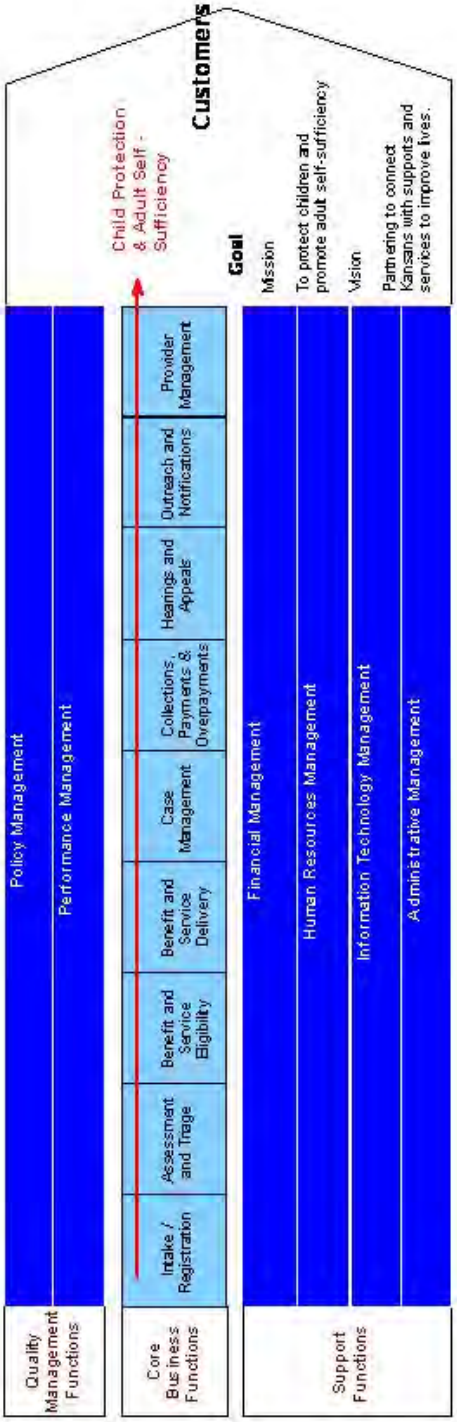

Revenue, Department of
KDOR Value
Administration Management
IT Management
HR Management
Financial Management
Audit Services
Policy & Research
Legal
Supporting Activities
Supporting Processes
Support Asset Info
Assets
Process Management
Process Management
Output
Core Business Processes
Primary Activities
Fees Collected
Alcoholic Beverage
Control Regulates of Liquor Industry / Enforcement of Liquor Law / Liquor Licensing
Provide Info. To Counties/ Tax Payers & Staff for Valuing Property
Property Valuation
Policy Guidelines, Public Utility Appraisals, Value/Access/ & Collect Motor Carrier's Property Tax, Provide County Assistance
Taxes Collected
Taxation
Collect Taxes & Fees, Administer Ks. Tax Laws, Issue Licenses
Fees Collected
Motor Vehicles
Drivers License, Driver Control, Titles & Registration
Quality Management
Product Quality Management
User Quality Management
Product Information
Revenue Infrastructure Assets
Goal
Kansas Department of Revenue collects taxes and fees, administers Kansas tax and liquor laws, issues a variety of licenses and provides assistance to Kansas citizens, licensees and units of government


Secretary of State
Kansas Secretary of State
Enterprise Value Chain
Program Administration (Elections, Notaries Public, Safe at Home, etc.)
Public Records Repository / Access, Publish KAR's, Distribute Session Laws
Goal
"The least complicated, most accessible agency in state government"
KSOS Leadership
Develop Policies and Procedures, Propose Legislation
Outreach, Education
Administer Laws
Publishing / Distribution
Customer Service / Citizen Support
Project Management, Audits, Staff
Employee Orientation, Training, Help Desk
KSOS Infrastructure Assets
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, Admin) Assets
Process Management
Core Business Process
Quality Management
Product Information
Supporting Processes
Support Asset Information
Primary Activities
Supporting Activities

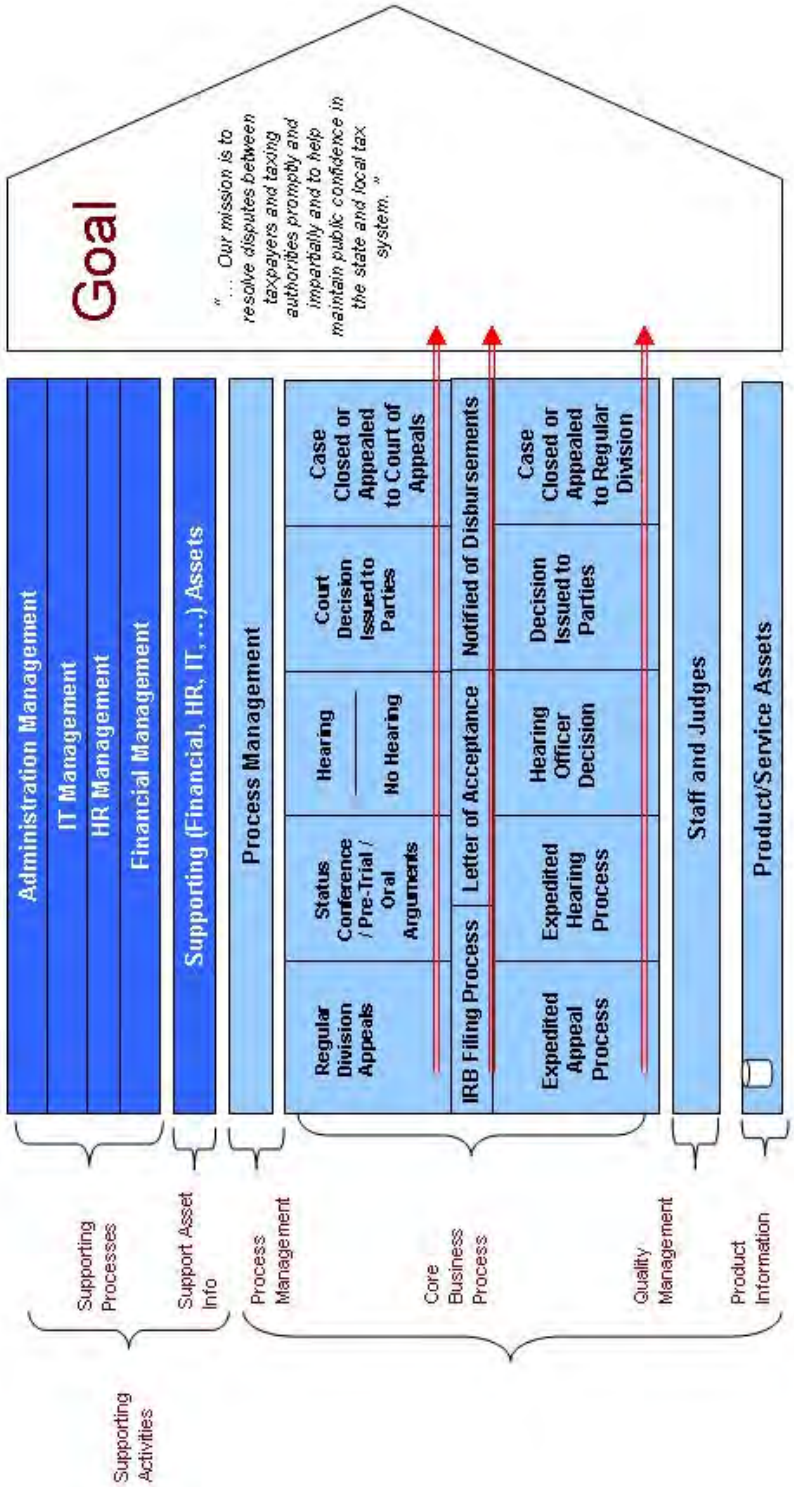
Sentencing Commission, Kansas



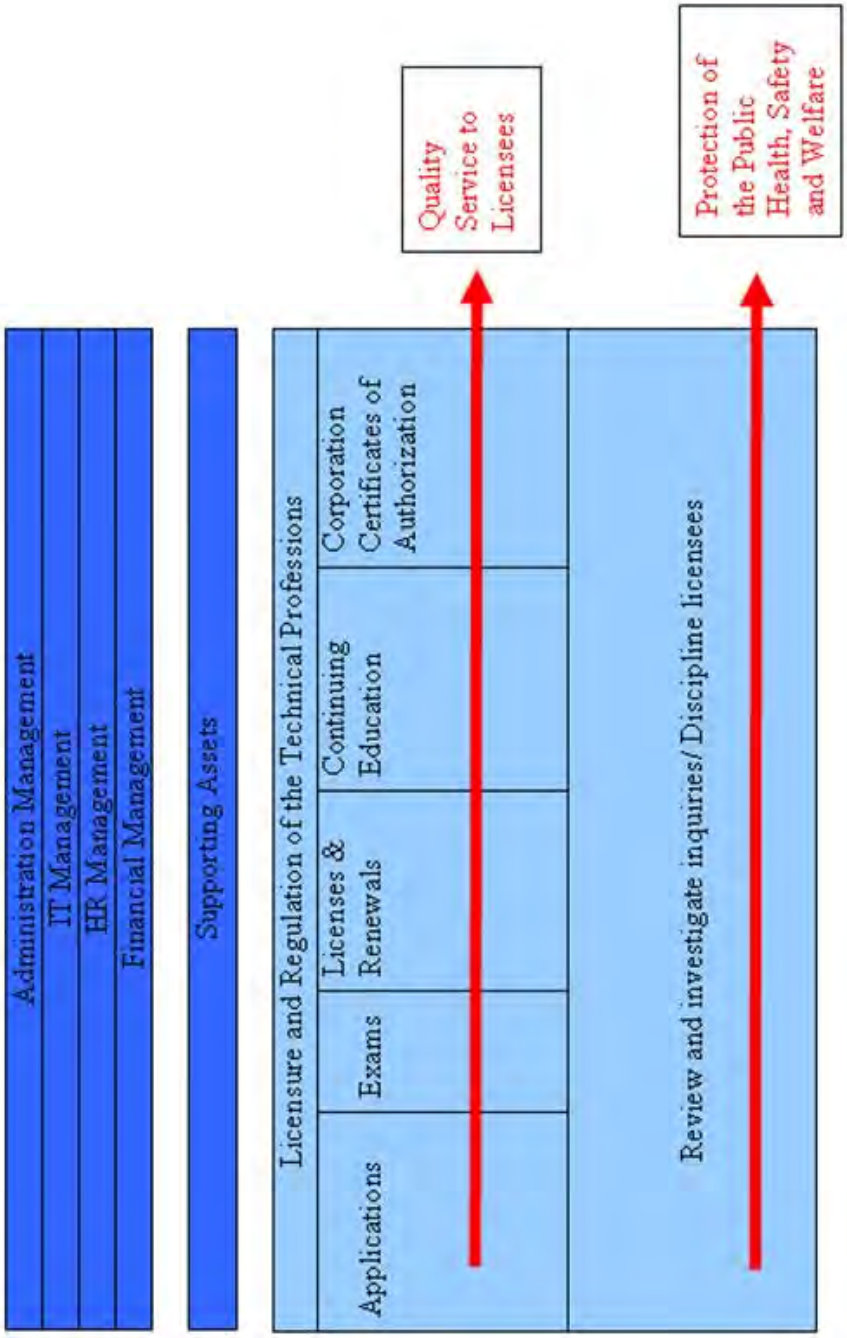
Social and Rehabilitation Services



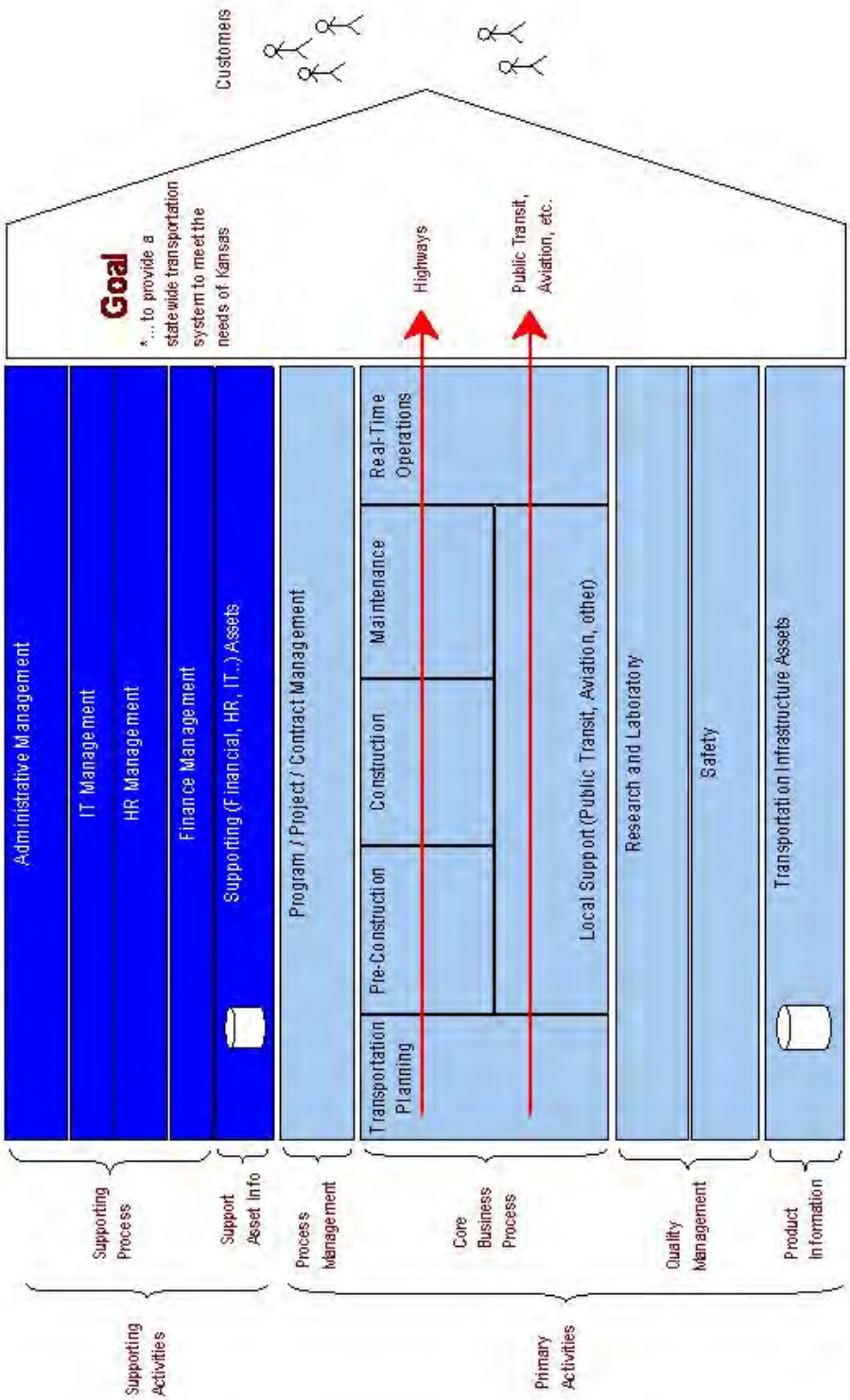
Tax Appeals, Board of



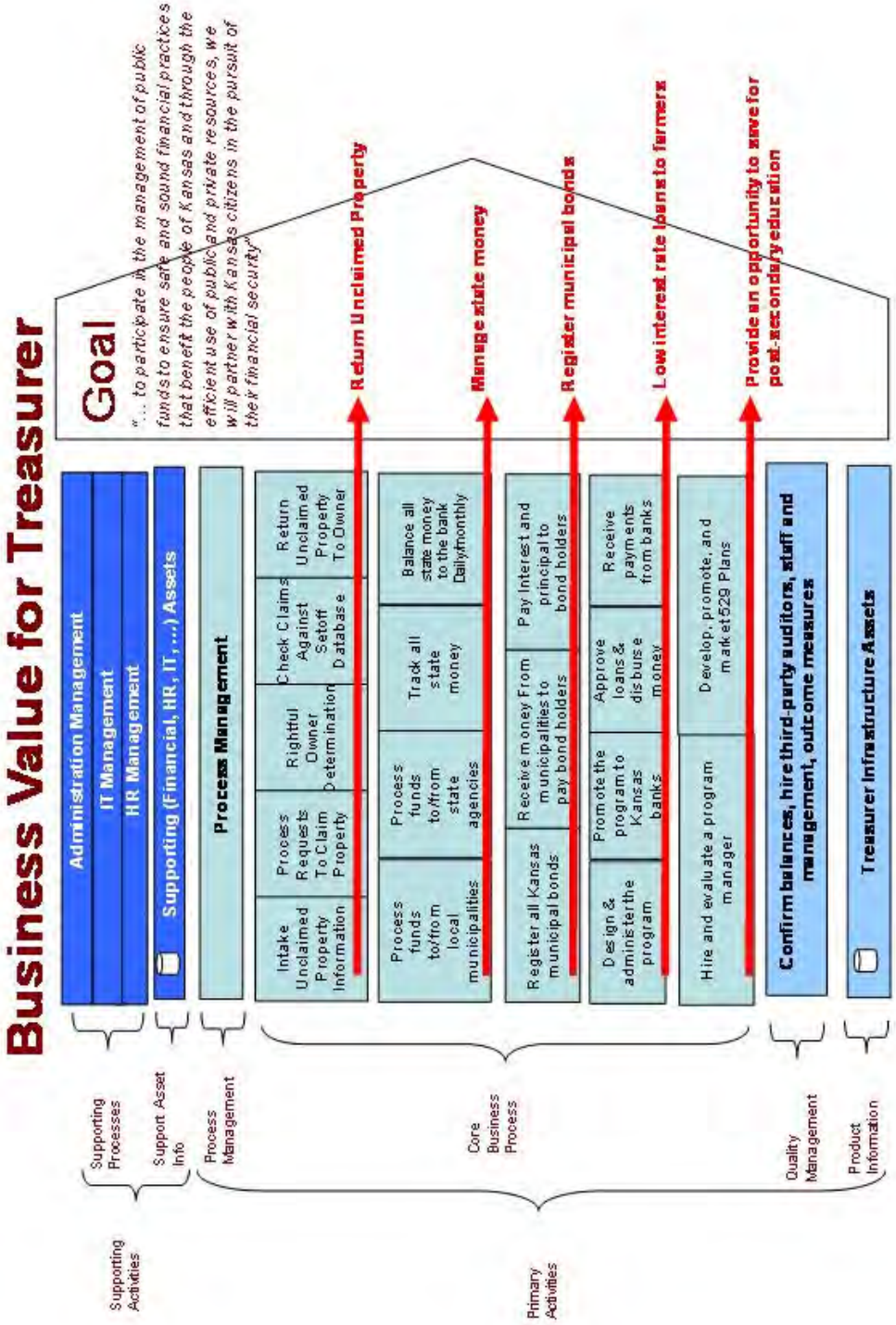
Technical Professions, Kansas Board of



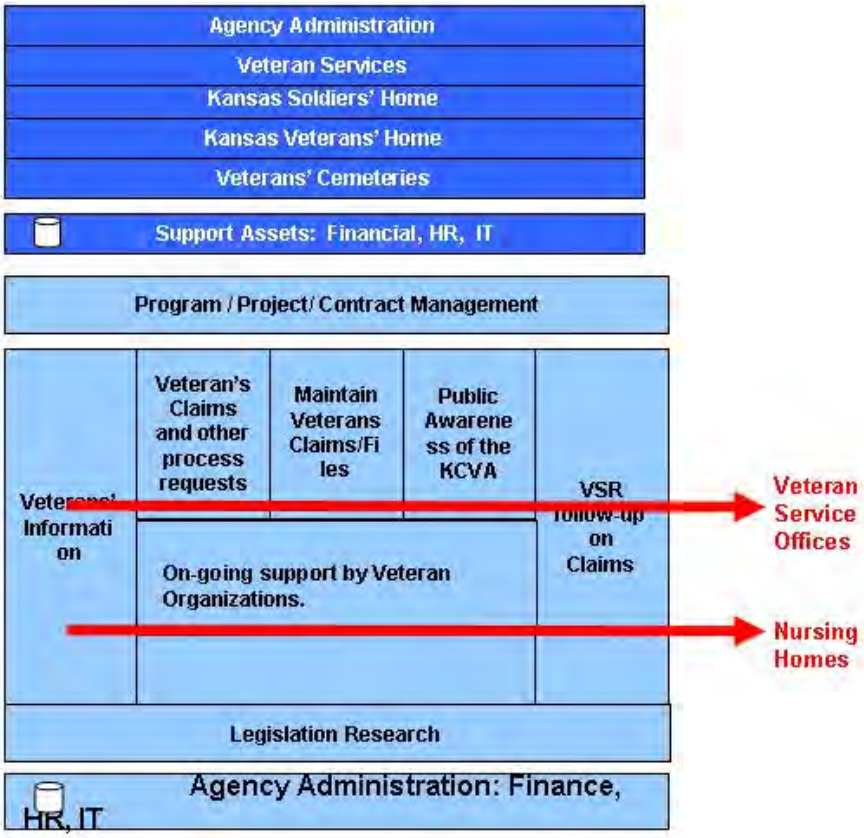
Transportation, Department of

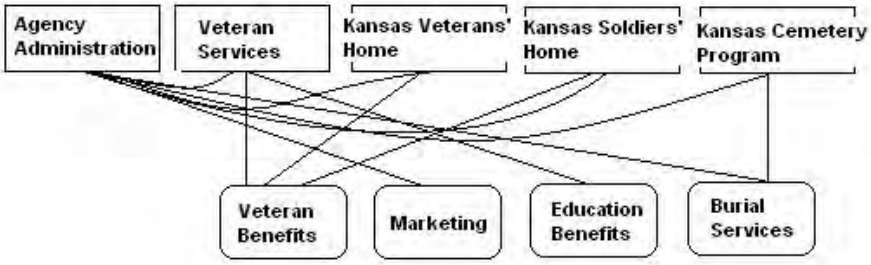


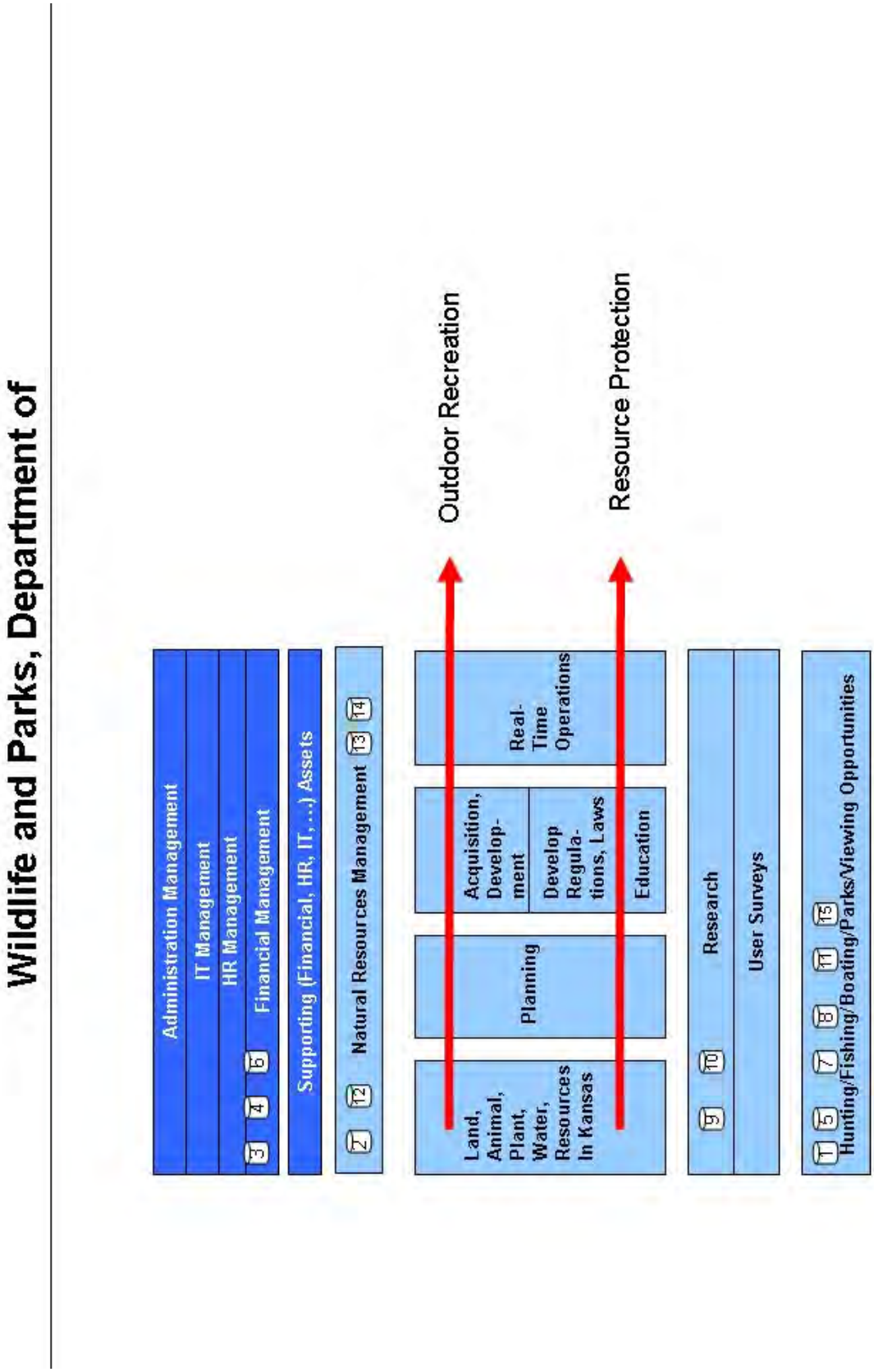
Treasurer, Office of



Veteran's Affairs, Commission On





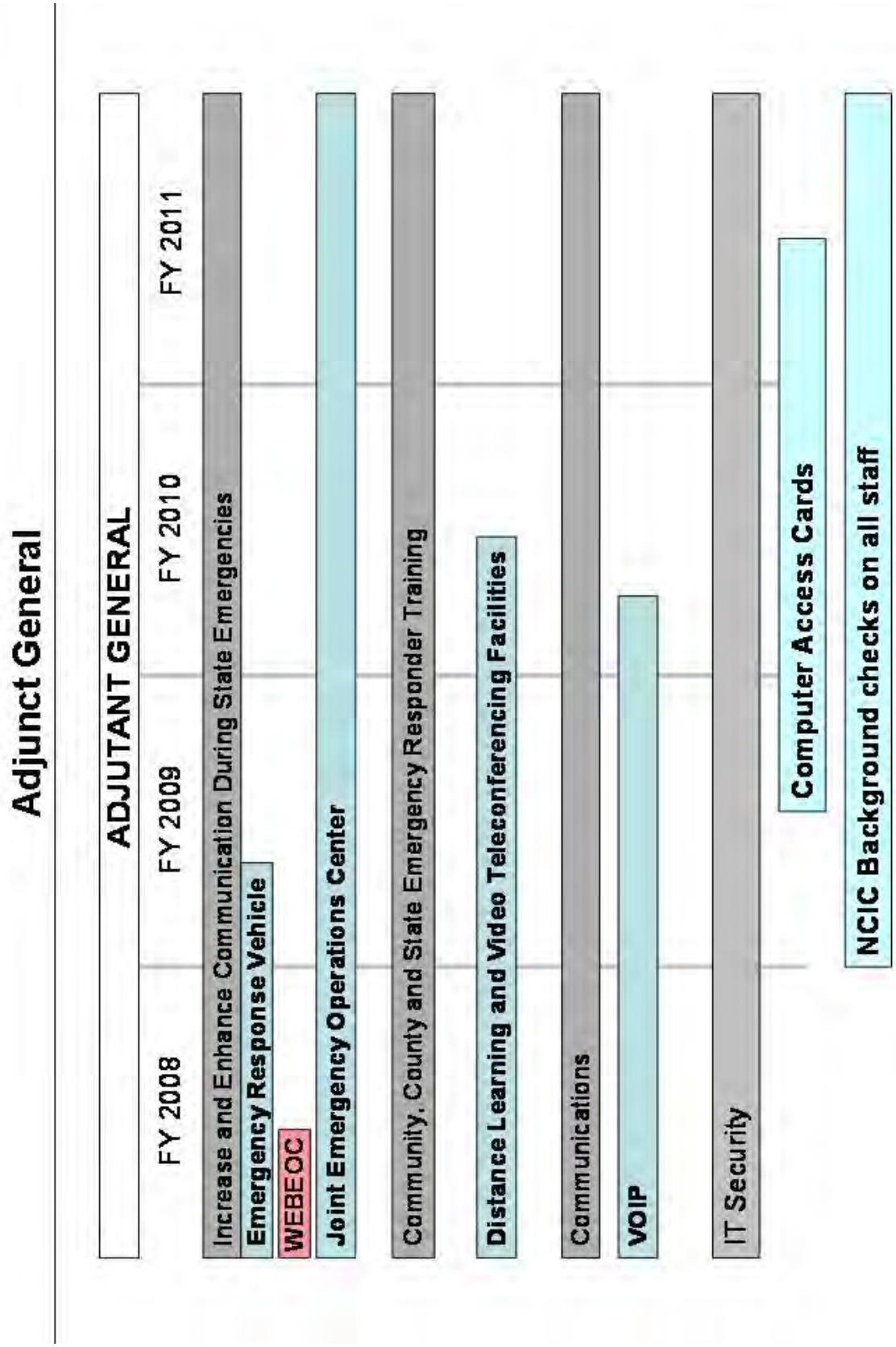

Wildlife and Parks, Department of
Administration Management
IT Management
HR Management
3
4
6
Financial Management
Supporting (Financial, HR, IT, ...) Assets
2
12
Natural Resources Management
13
14
Land, Animal, Plant, Water, Resources In Kansas
Planning
Acquisition, Develop-ment
Develop Regula-tions, Laws
Education
Real-Time Operations
Outdoor Recreation
Resource Protection
9
10
Research
User Surveys
1
5
7
8
11
15
Hunting/Fishing/Boating/Parks/Viewing Opportunities

Enterprise Business and Technology Radar Charts

This section displays, in a graphical model, the current and future alignment of business projects with application development, maintenance, and infrastructure initiatives. Ideally, IT initiatives should help fuel State agencies business initiative's success. In order to do this, the radar chart process is broken down into three components:

- Agency Business Program Initiatives,
- Technology Infrastructure,
- IT Business System Initiatives.

Agency Business Program Initiatives charts the high level business goals set by State agencies. Technology Infrastructure looks at agency platforms, storage, network, and databases and the plans to enhance those components in the future. IT Business System Initiatives looks at planned application development, upgrade, and maintenance. These models will allow an agency to distinguish points in which their IT and business initiatives are not in alignment.


Adjunct General
ADJUTANT GENERAL
FY 2008
FY 2009
FY 2010
FY 2011
Increase and Enhance Communication During State Emergencies
Emergency Response Vehicle
WEBEOC
Joint Emergency Operations Center
Community, County and State Emergency Responder Training
Distance Learning and Video Teleconferencing Facilities
Communications
VOIP
IT Security
Computer Access Cards
NCIC Background checks on all staff

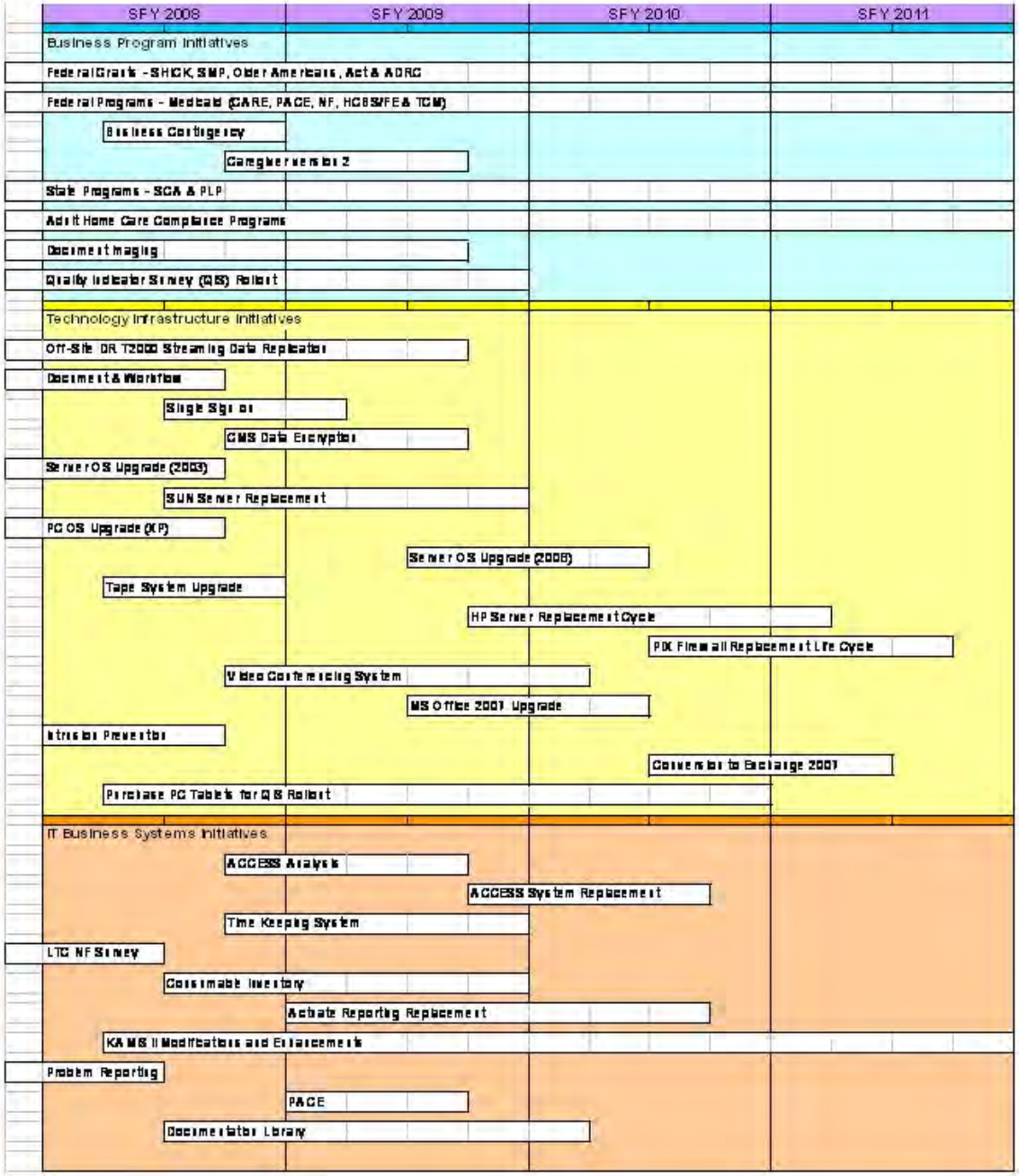
Administration, Department of

AGENCY BUSINESS PROGRAM INITIATIVES	
Initiative #	*Name*
1	Share Data and Applications
2	Make OAH information and statistics available on-line
3	Link with the Legislative Branch via new Legislature software (Budget)
4	Train additional volunteers in rural parts of Kansas (LTCO)
5	Implement E-Commerce to automate processes and eliminate some current duplication

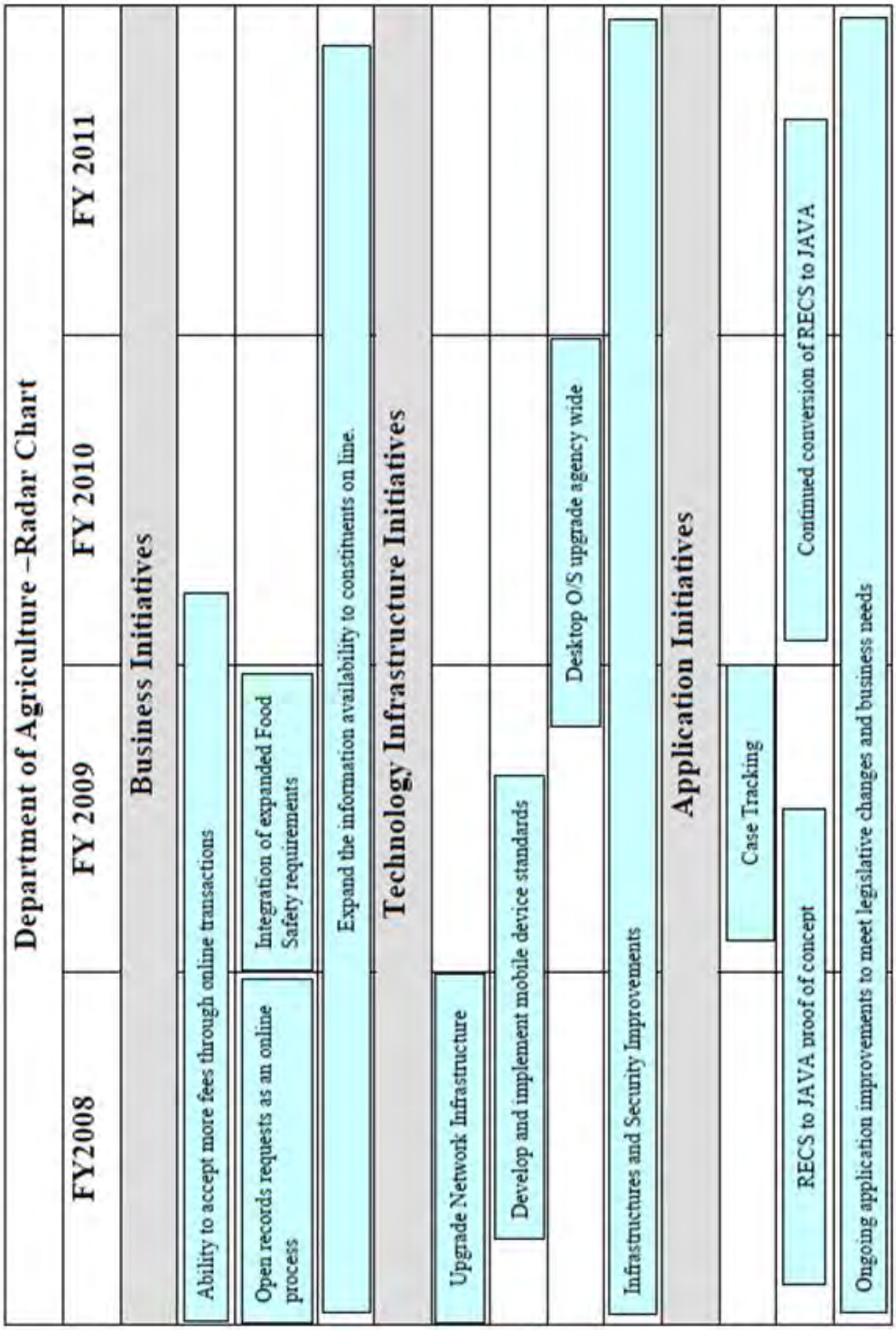
TECHNOLOGY INFRASTRUCTURE					
Area	*FY2008*	*FY2009*	*FY2010*	*FY2011*	
Reduce KANWIN service outage 10%					
Increase Data Storage by up to 35%					
Security Enhancements (PKI, 128bit encryption)					
KANWIN Outage Initiative					
Data Center/Hosting Center Enhancements					
Hot Site Enhancements					
Email File Archival System					
Enterprise Backup Solutions					
KanWin Upgrade Initiative					

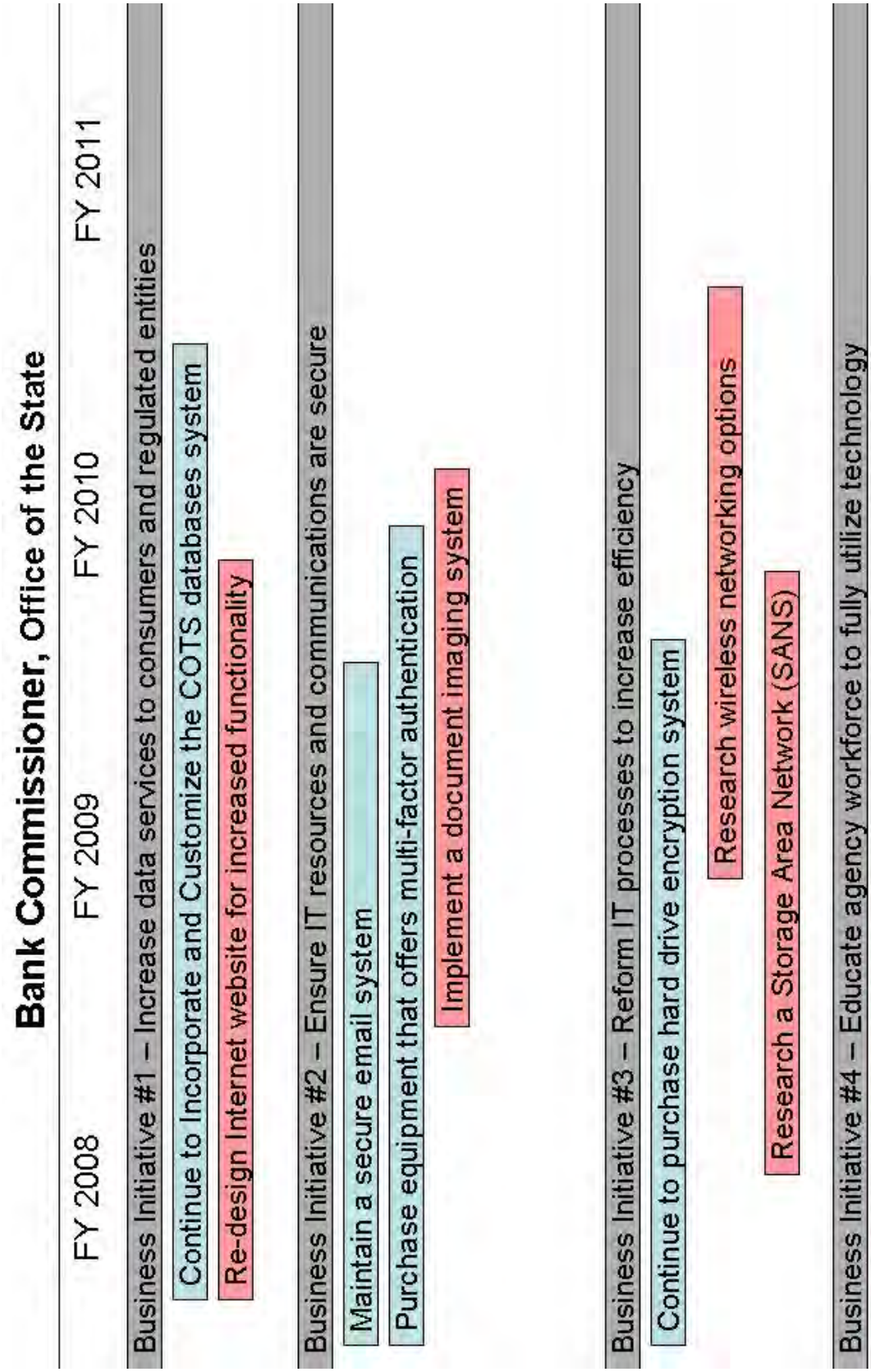
IT BUSINESS SYSTEM INITIATIVES					
Area	*FY2008*	*FY2009*	*FY2010*	*FY2011*	*Initiative #*
Migrate Systems to open systems platform (Windows or UNIX)					
Web-based functionality on existing systems					
Financial Management System					

Aging, Department on



Agriculture, Department of




Bank Commissioner, Office of the State
FY 2008
FY 2009
FY 2010
FY 2011
Business Initiative #1 – Increase data services to consumers and regulated entities
Continue to Incorporate and Customize the COTS databases system
Re-design Internet website for increased functionality
Business Initiative #2 – Ensure IT resources and communications are secure
Maintain a secure email system
Purchase equipment that offers multi-factor authentication
Implement a document imaging system
Business Initiative #3 – Reform IT processes to increase efficiency
Continue to purchase hard drive encryption system
Research wireless networking options
Research a Storage Area Network (SANS)
Business Initiative #4 – Educate agency workforce to fully utilize technology
Initiate User Security Training

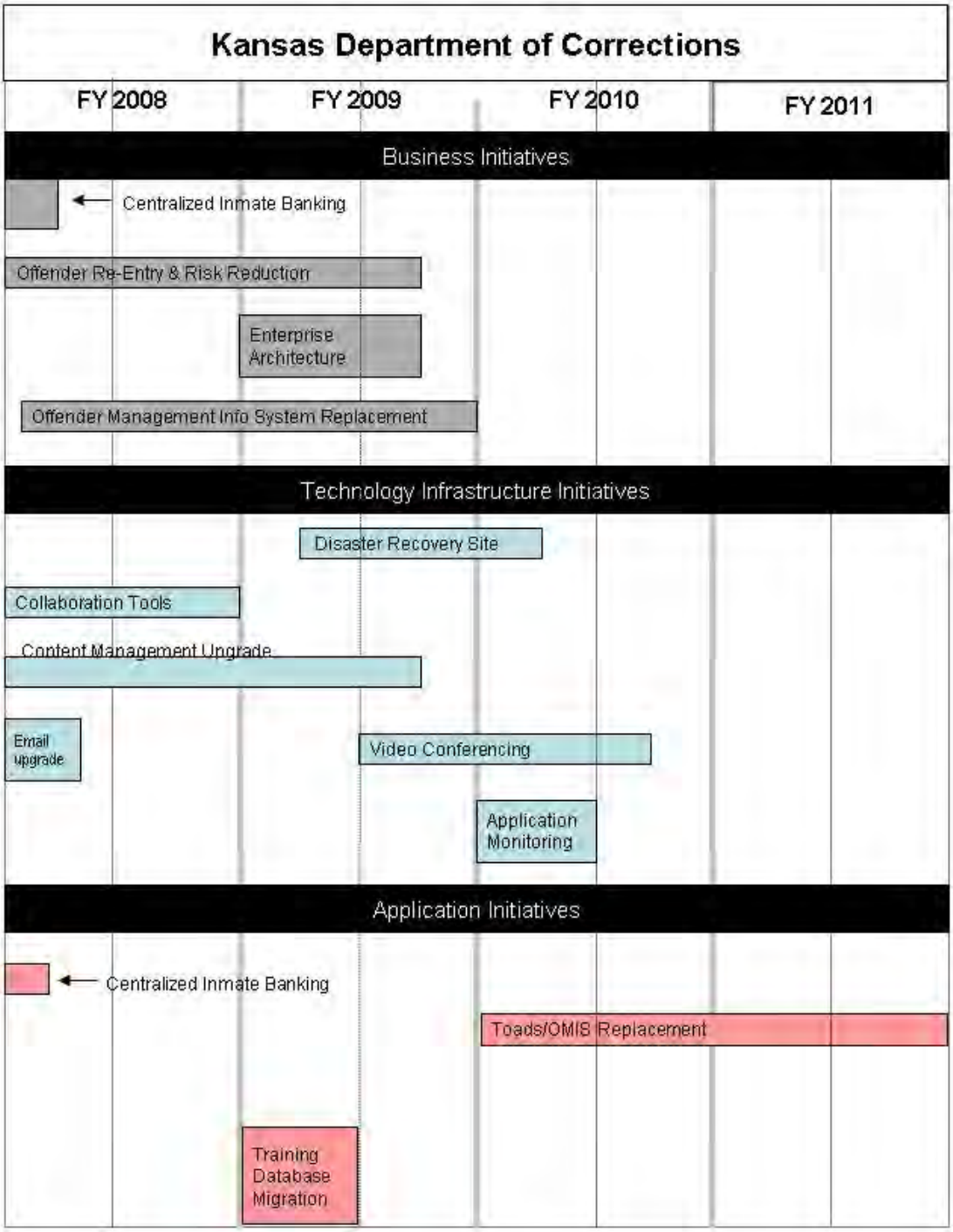
Blind, Kansas State School for the Blind

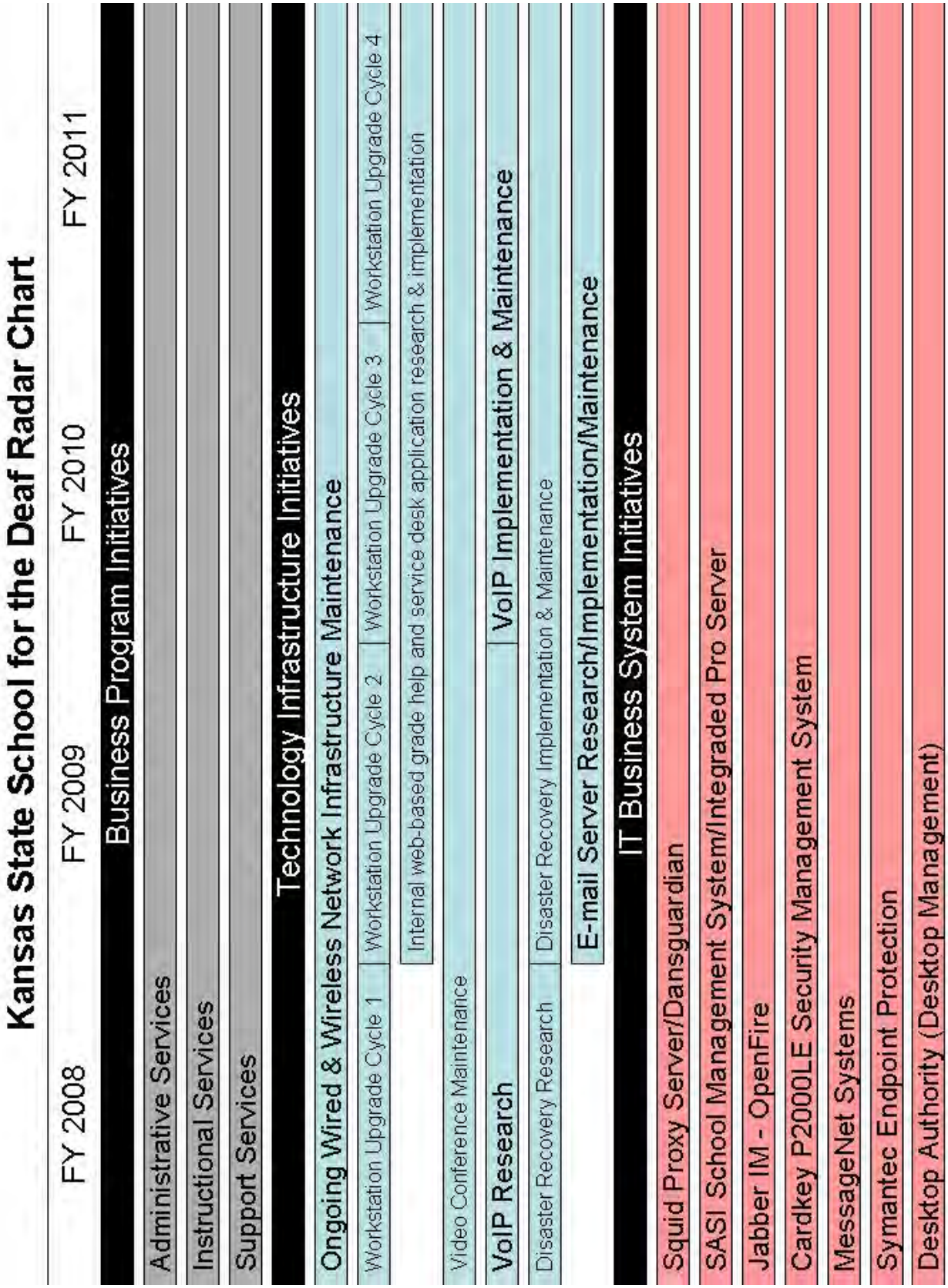
Commerce, Department of

AGENCY BUSINESS PROGRAM INITIATIVES		
Initiative	**Name**	**Description**
1	Recruitment	Recruit new businesses to Kansas
2	Development	Assist existing Kansas Businesses to enhance their performance
3	Marketing	Assist Kansas Businesses in marketing their products
4	Resources	Assist Communities in providing infrastructure and resources for a sound local economy.
5	Workforce	To connect job seekers with providers and to create a highly trained workforce

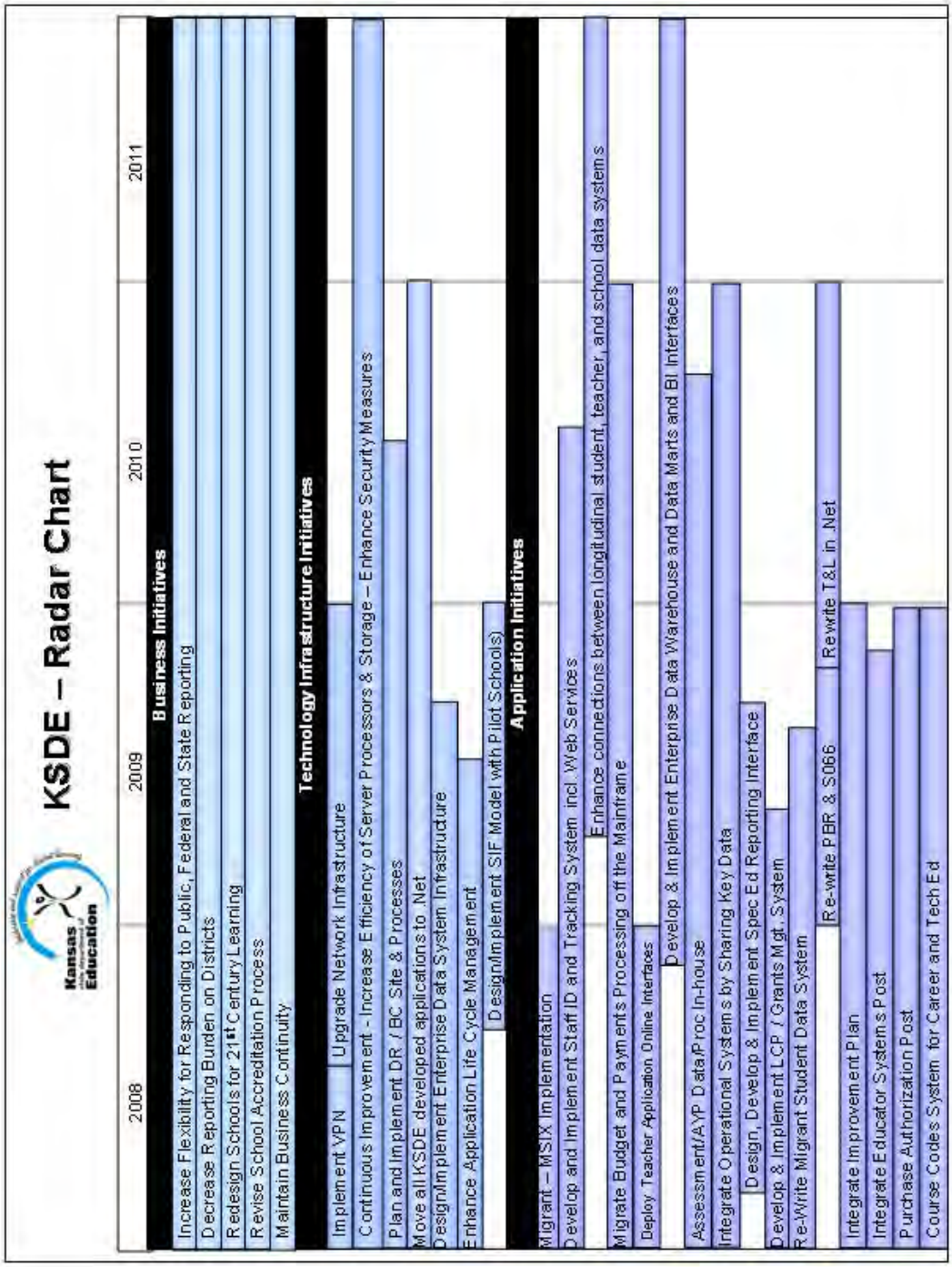
IT Business Systems Initiatives				
Area	**FY2008**	**FY2009**	**FY2010**	**FY2011**
Customer Relationship Mgt				
Web Site Enhancements (Ongoing)				
Blackberry Handheld Web				
Document Mgt				
Archival and Storage of Documents				
Collaborative Technology				
Server Virtualization				

Corrections, Department of

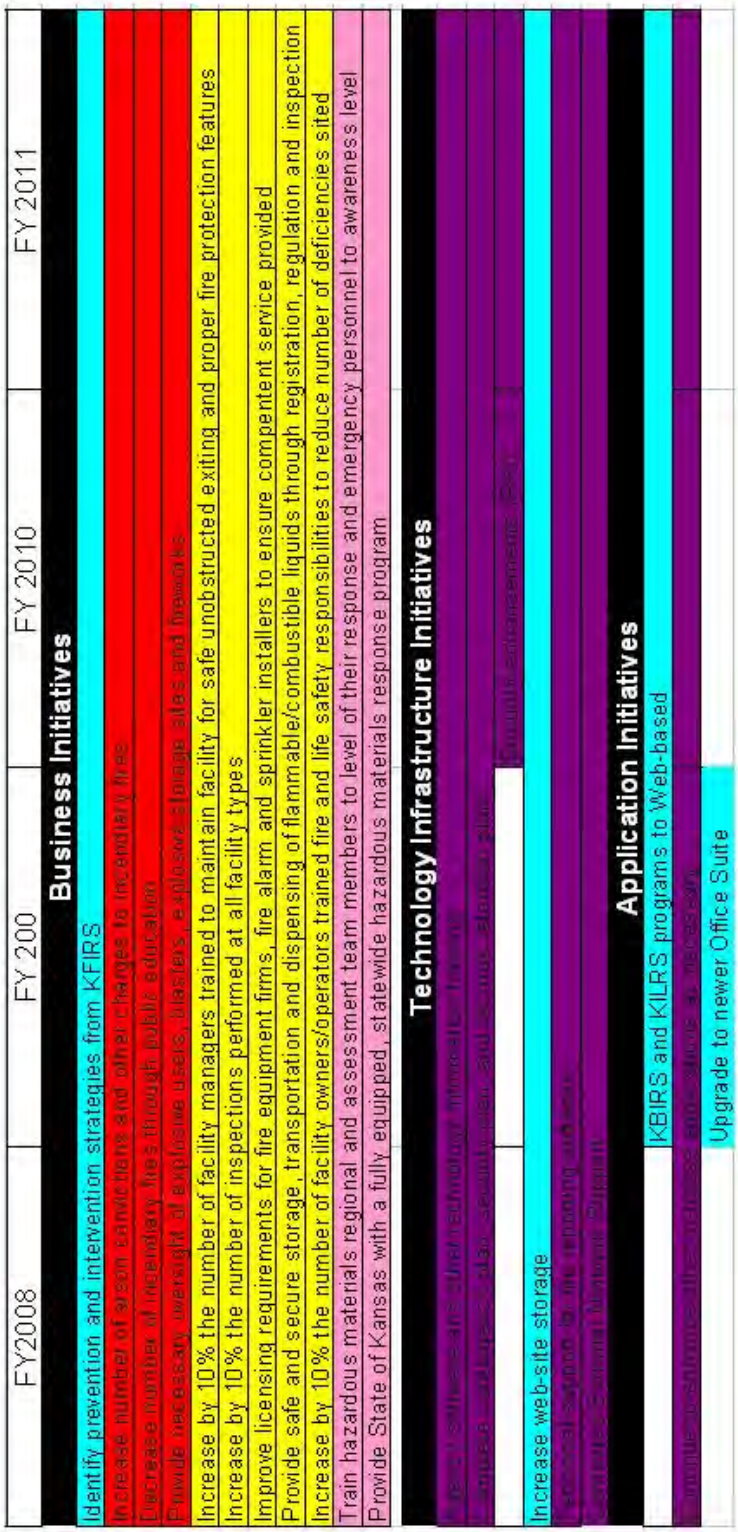


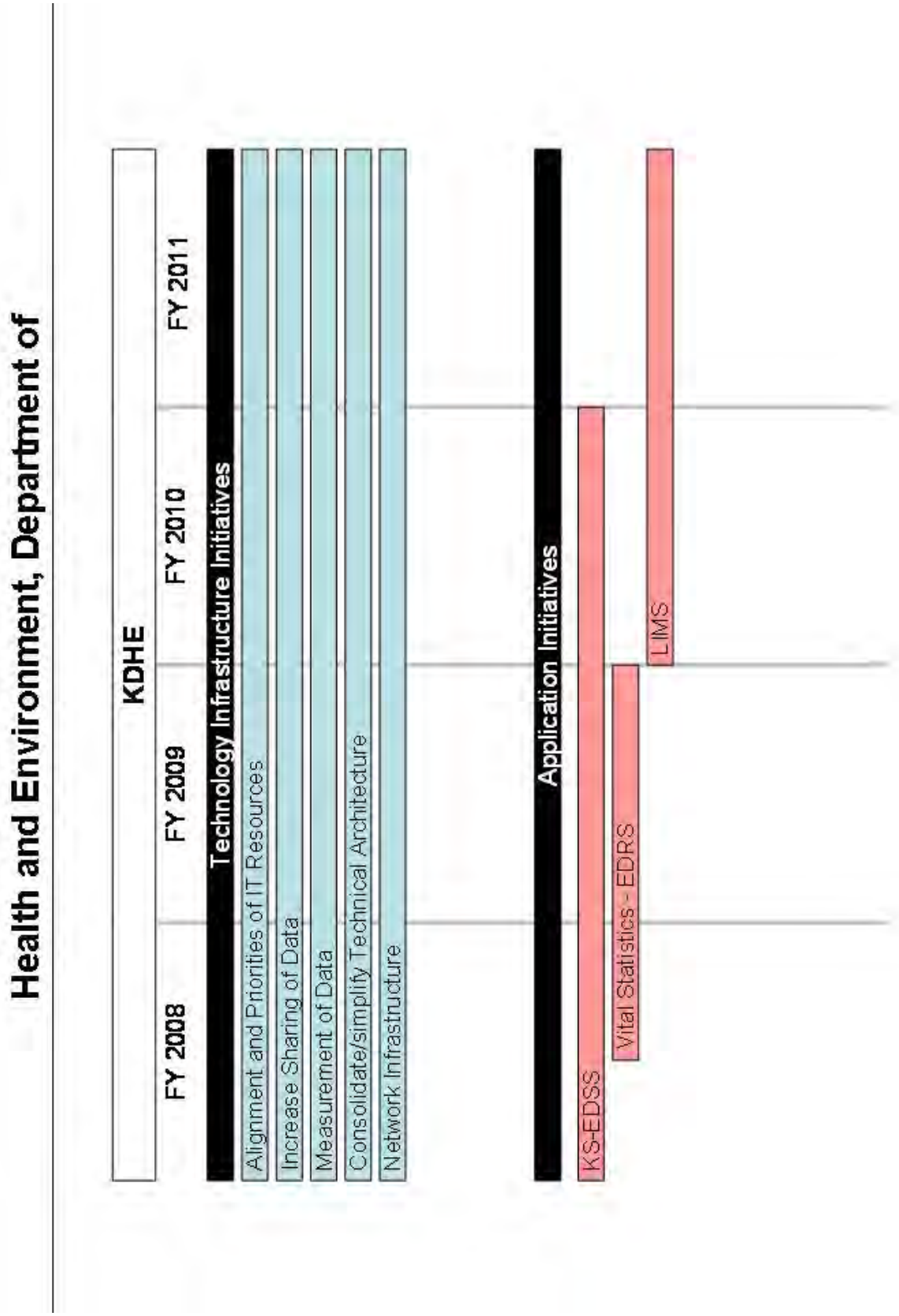

Kansas State School for the Deaf Radar Chart
FY 2008
FY 2009
FY 2010
FY 2011
Business Program Initiatives
Administrative Services
Instructional Services
Support Services
Technology Infrastructure Initiatives
Ongoing Wired & Wireless Network Infrastructure Maintenance
Workstation Upgrade Cycle 1
Workstation Upgrade Cycle 2
Workstation Upgrade Cycle 3
Workstation Upgrade Cycle 4
Internal web-based grade help and service desk application research & implementation
Video Conference Maintenance
VoIP Research
VoIP Implementation & Maintenance
Disaster Recovery Research
Disaster Recovery Implementation & Maintenance
E-mail Server Research/Implementation/Maintenance
IT Business System Initiatives
Squid Proxy Server/Dansguardian
SASI School Management System/Integraded Pro Server
Jabber IM - OpenFire
Cardkey P2000LE Security Management System
MessageNet Systems
Symantec Endpoint Protection
Desktop Authority (Desktop Management)

Education, Department of



Fire Marshal Office, State



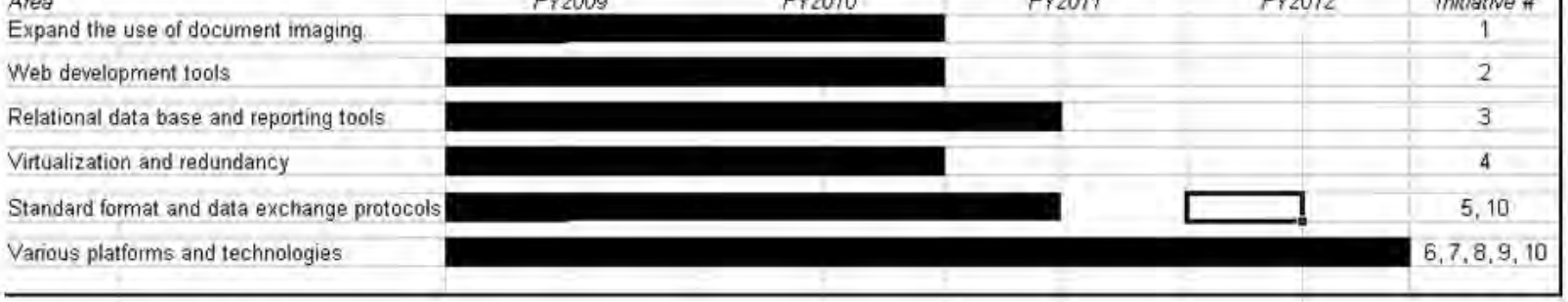

Health and Environment, Department of
KDHE
FY 2008
FY 2009
FY 2010
FY 2011
Technology Infrastructure Initiatives
Alignment and Priorities of IT Resources
Increase Sharing of Data
Measurement of Data
Consolidate/simplify Technical Architecture
Network Infrastructure
Application Initiatives
KS-EDSS
Vital Statistics - EDRS
LIMS

Health Care Policy Authority

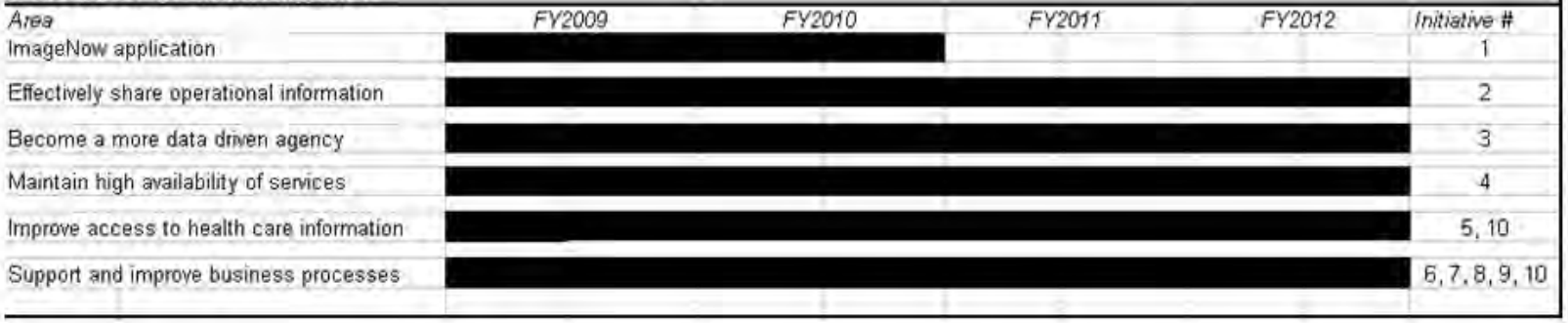
AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	*Name*	*Description*
1	Document Imaging	*Improve operational efficiency by expanding the use of document imaging.*
2	External facing web environment	*Develop and maintain an Intranet site for KHPA.*
3	Data Analysis	*Implement a more comprehensive data warehousing, analysis, and reporting capability.*
4	Infrastructure Improvements	*Implement VMware with failover capability. Upgrade enterprise applications.*
5	Electronic health records.	*Participate in or direct State and federal initiatives to improve health care related processes and outcomes.*
6	Existing programs.	*Enhance and maintain existing systems.*
7	Premium Billing	*Centralize Premium Billing into one application that supports the needs of several KHPA program areas.*
8	On-line Medicaid Application	*Contract with a vendor to host a web site supporting on-line Medicaid Application capability.*
9	Service Oriented Architecture	*KHPA will strive to acquire applications that support are SOA compliant.*
10	Medicaid Info. Tech. Architecture	*KHPA will strive to acquire applications that compliant with MITA.*

TECHNOLOGY INFRASTRUCTURE



IT BUSINESS SYSTEM INITIATIVES



Highway Patrol, Kansas

AGENCY BUSINESS PROGRAM INITIATIVES		
Initiative #	*Name*	*Description*
1	Decrease central dispatch vacancies	*KHP Central Dispatch recruitment / improved efficiencies / MDU implementation*
2	Integrate 800 Mhz Radio project	*Integrate Mobile Data Units and CAD system via Radio IP utilizing KDOT radio communication network*
3	Manage document workflow	*Continue adding document imaging and workflow into departments*
4	Increase information disbursement	*Document image and workflow identification for Troop head quarter locations*
5	Reduce fatalities on Kansas highways	*Continue general and targeted enforcement and public education*
6	Reduce drug transport	*Continue traffic and criminal enforcement activities. Increase public awareness training*
7	Increase officer efficiencies	*Continue efforts to reduce troopers' office time requirements*
8	Improve officer safety	*Continue efforts to provide additional roadside information for troopers*
9	Improve agency efficiencies	*Utilizing IT to improve business processes and reduce production time/effort*
10	Increase interagency collaboration	*Continue to work with Kansas and Federal business partners to find ways to decrease redundancy*

TECHNOLOGY INFRASTRUCTURE

Area	*FY2009*	*FY2010*	*FY2011*	*FY2012*	*Initiative #*
Identity management					9
Enterprise VM-Ware					9
Consolidate servers & services					9
Wireless enhancements					9
Web portal development					9
Establish hot site for business contingency					9
Upgrade LAN infrastructure					9
Continue security enhancements					9
Migrate from Novell to Microsoft					9
Integrate Sharepoint Server and/or WebEx					9

Kansas State Historical Society

AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	Name	Description
1	KSHS Internet Services	Increase information and historical resources available on the KSHS web site through: 1.1) possible web site redesign; 1.2) Kansas Memory; and 1.3) KSPACE.
2	Collections Management	Improve the management of historical collections by developing databases that integrate accessioning, description, preservation, and access functions
3		
4		
5		
6		
7		
8		
9		
10		

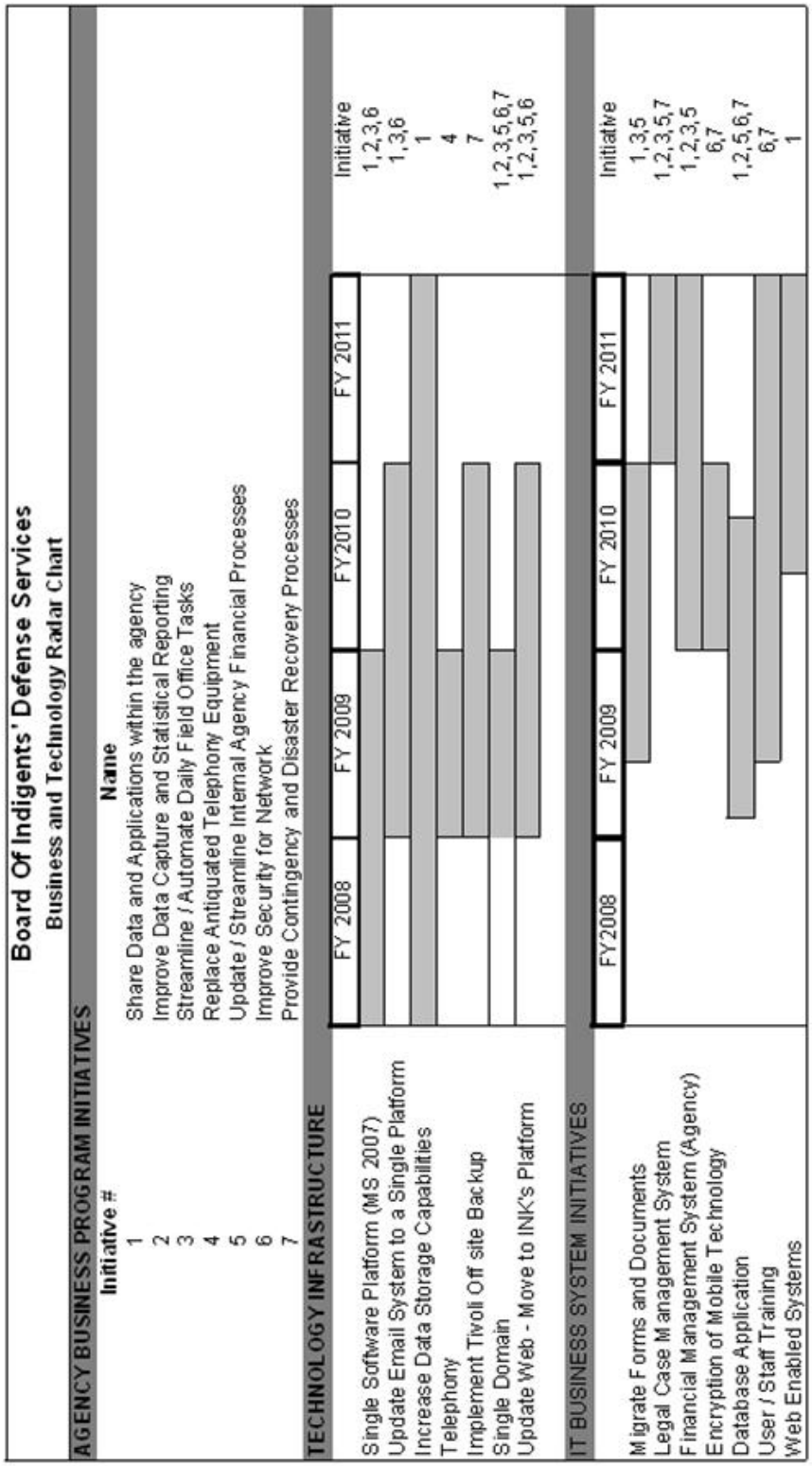
TECHNOLOGY INFRASTRUCTURE

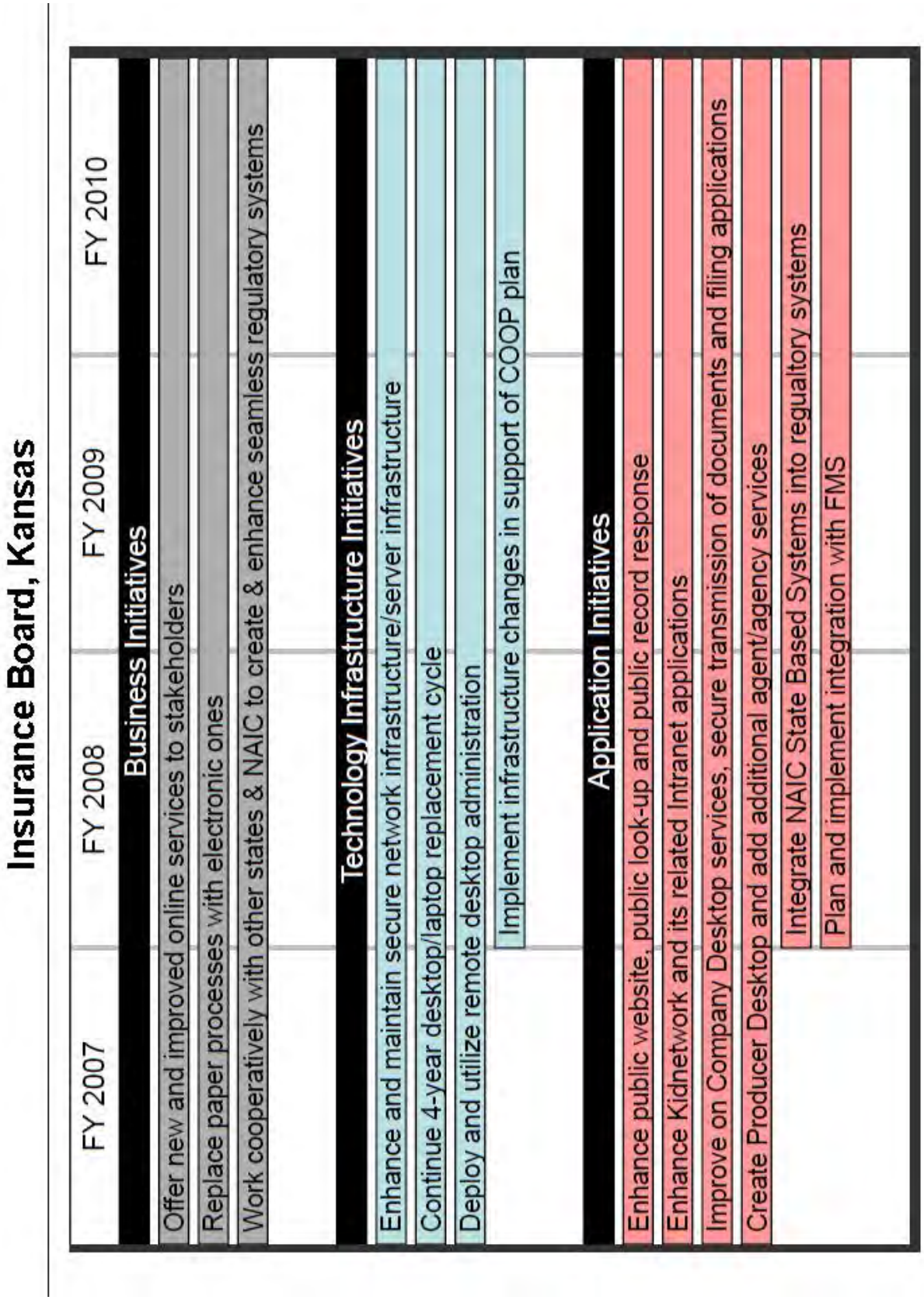
Area	FY2008	FY2009	FY2010	FY2011	Initiative #
Kansas Memory	Install SAN and transfer current materials on CDs to the SAN	Automate the transfer of new scans from the network to the SAN Refresh/migrate master scans as needed			1.2
Maintain and upgrade KSHS IT capabilities	Provide current equipment to staff Continue efforts to secure security of KSHS IT infrastructure Maintain and upgrade network infrastructure	Secure funding of IT enhancements to allow for ongoing replacement and upgrades.			

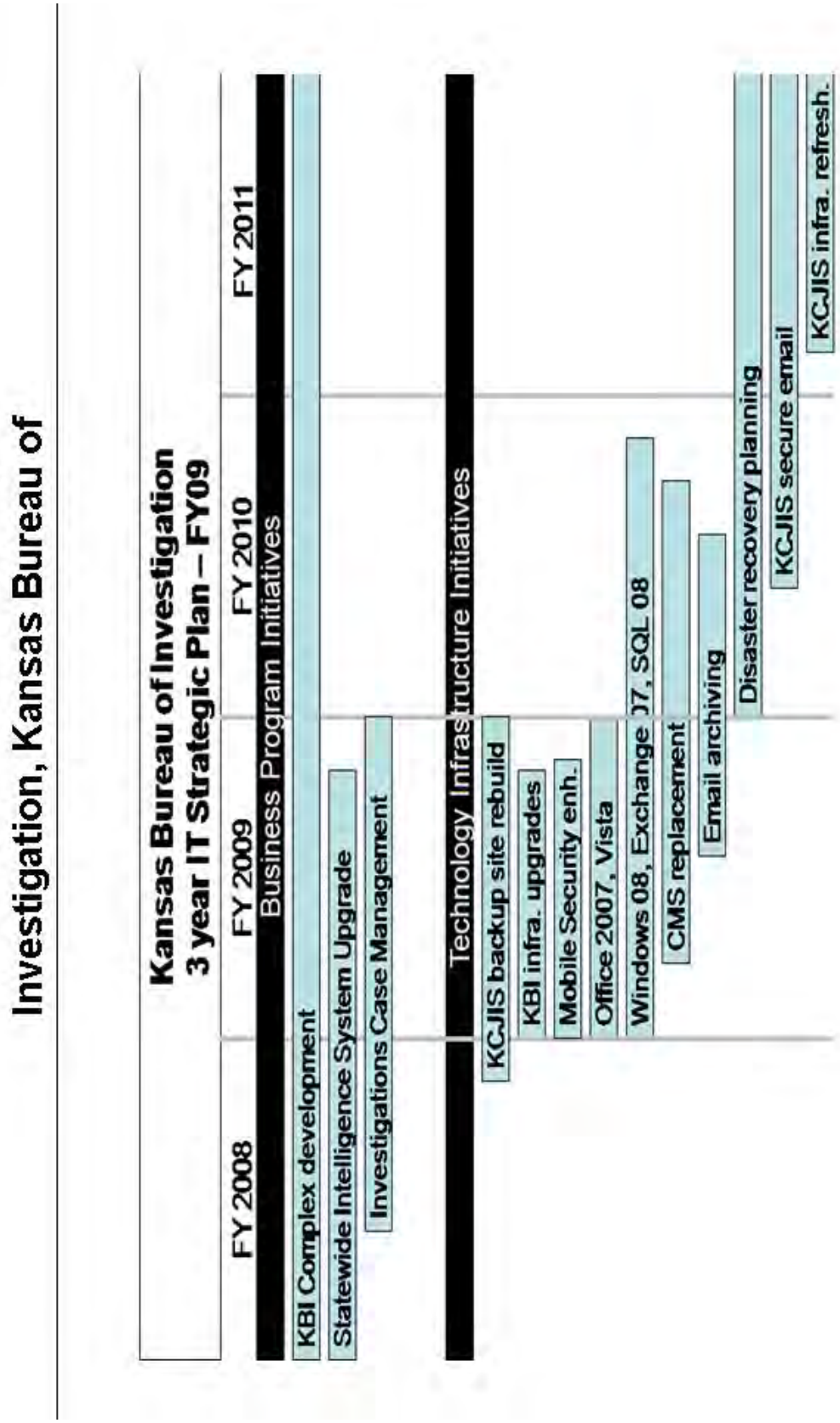
IT BUSINESS SYSTEM INITIATIVES

Area	FY2008	FY2009	FY2010	FY2011	Initiative #
Web site redesign	Implement content management system Assess need to redesign user interface				1.1 1.1
Kansas Memory	Complete development of in-house web application prototype. Launch Kansas Memory Continue to add content to Kansas Memory	Develop preservation plan			1.1 1.2 1.2 1.2 1.2
KSPACE	Monitor Dspace development and upgrade as appropriate Automate ingest of content from agency web sites using the Web Archive Workbench				1.3 1.3

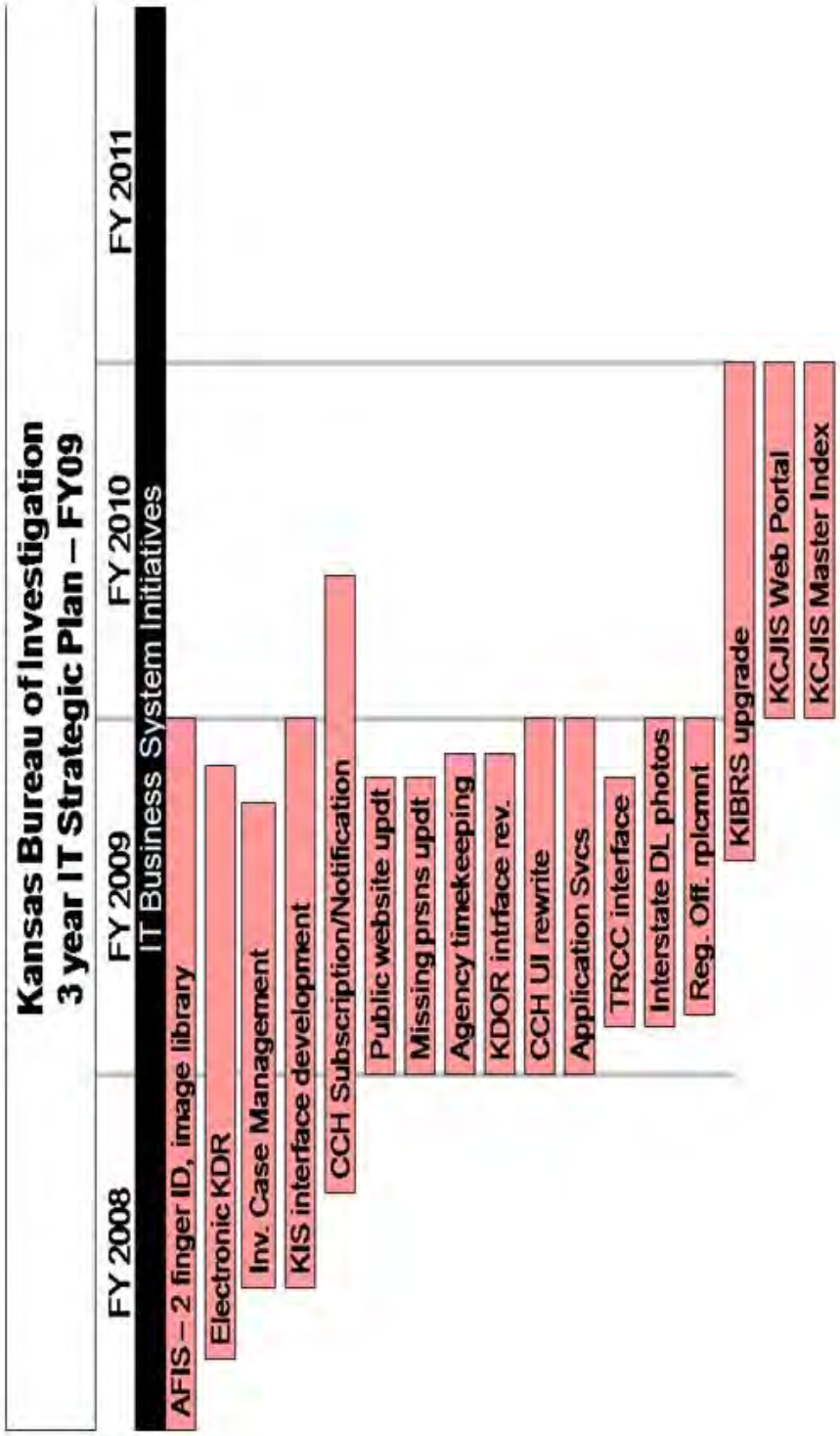
Board of Indigents Defense



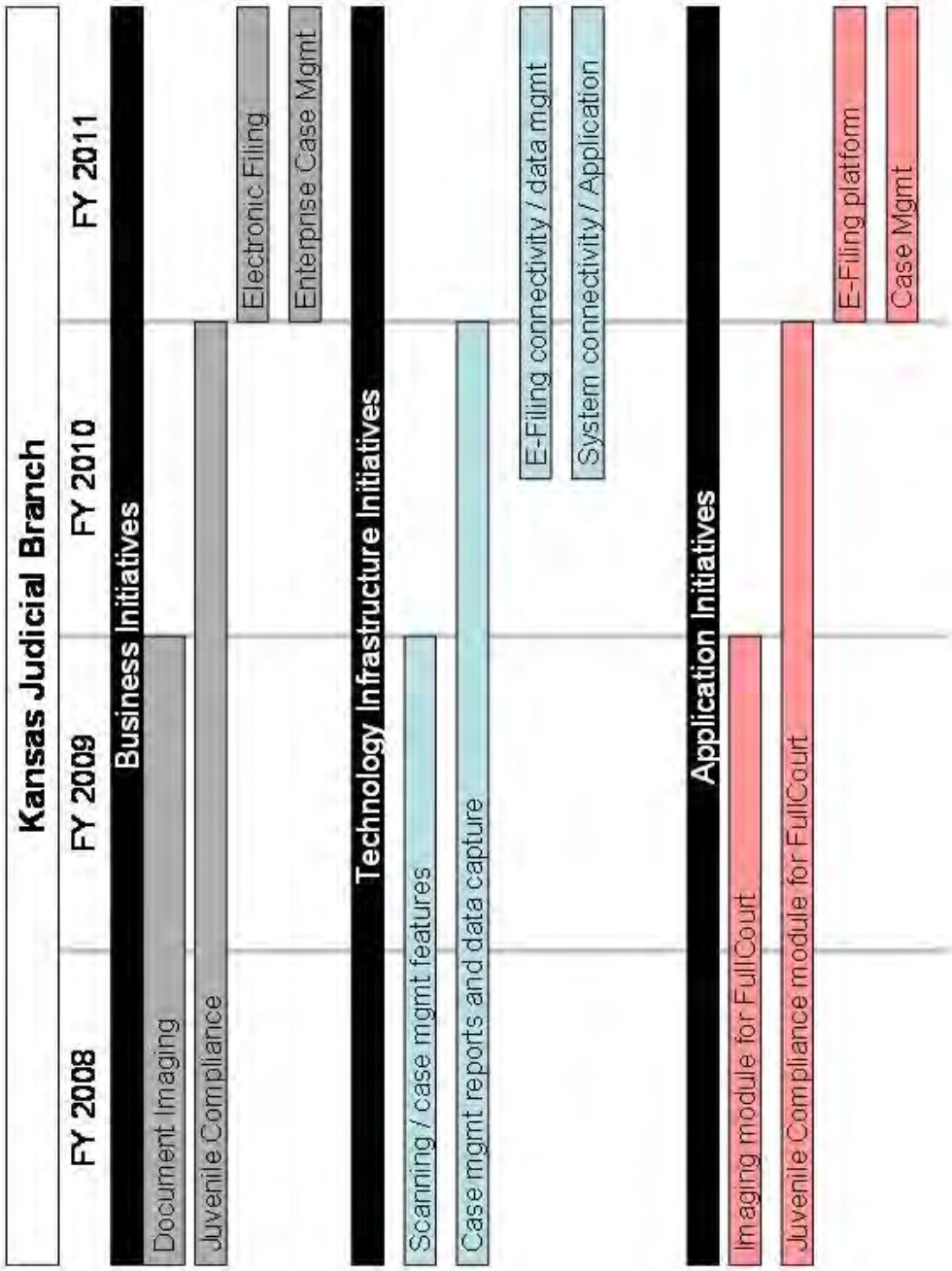

Insurance Board, Kansas
FY 2007
FY 2008
FY 2009
FY 2010
Business Initiatives
Offer new and improved online services to stakeholders
Replace paper processes with electronic ones
Work cooperatively with other states & NAIC to create & enhance seamless regulatory systems
Technology Infrastructure Initiatives
Enhance and maintain secure network infrastructure/server infrastructure
Continue 4-year desktop/laptop replacement cycle
Deploy and utilize remote desktop administration
Implement infrastructure changes in support of COOP plan
Application Initiatives
Enhance public website, public look-up and public record response
Enhance Kidnetwork and its related Intranet applications
Improve on Company Desktop services, secure transmission of documents and filing applications
Create Producer Desktop and add additional agent/agency services
Integrate NAIC State Based Systems into regualtory systems
Plan and implement integration with FMS


Investigation, Kansas Bureau of
Kansas Bureau of Investigation
3 year IT Strategic Plan – FY09
FY 2008
FY 2009
FY 2010
FY 2011
Business Program Initiatives
KBI Complex development
Statewide Intelligence System Upgrade
Investigations Case Management
Technology Infrastructure Initiatives
KCJIS backup site rebuild
KBI infra. upgrades
Mobile Security enh.
Office 2007, Vista
Windows 08, Exchange 07, SQL 08
CMS replacement
Email archiving
Disaster recovery planning
KCJIS secure email
KCJIS infra. refresh.

Investigation, Kansas Bureau of (continued)



Judicial Branch, Kansas



Juvenile Justice Authority

AGENCY BUSINESS PROGRAM INITIATIVES		
Initiative #	Name	Description
1	PBS	Performance Based Standards are comparative management system for the juvenile correctional facilities
2	YLS /CMI	Enhancing case management programs with decision support with risk assessment information
3	Quality Community Programs	The continuous development of quality community programs that are effective and meets the need of the youth served
4	Statistical data sharing	The ability for the agency to produce a wide range of statically data report in various formats to assist in decision making by the agency and stakeholders
5	Maintain Adeqaute Communication	The ability to have the right information to the right people in a timely manner
6	Increase Management Information	Provide meaningful and timely information to managers and partners to improve program performance .
7		
8		
9		
10		

TECHNOLOGY INFRASTRUCTURE			
FY2009	FY2010	FY20011	Initiative #
Upgrade or migrate Server O/S to new version			5
Move GroupWise from Novell to Windows			5
upgrade switch infrastructure in C/O			5
Three year desktop computer replacement cycle			5
Ensure all facilities have revised and submitted a business contingency plan			5
evaluate MAN connectivity for offsite JJIS redundancy			5
Implement SAN solution	Prepare the agency for the states implementation of Voice over	IP	5
Move towards VMWare for server consolidation			5

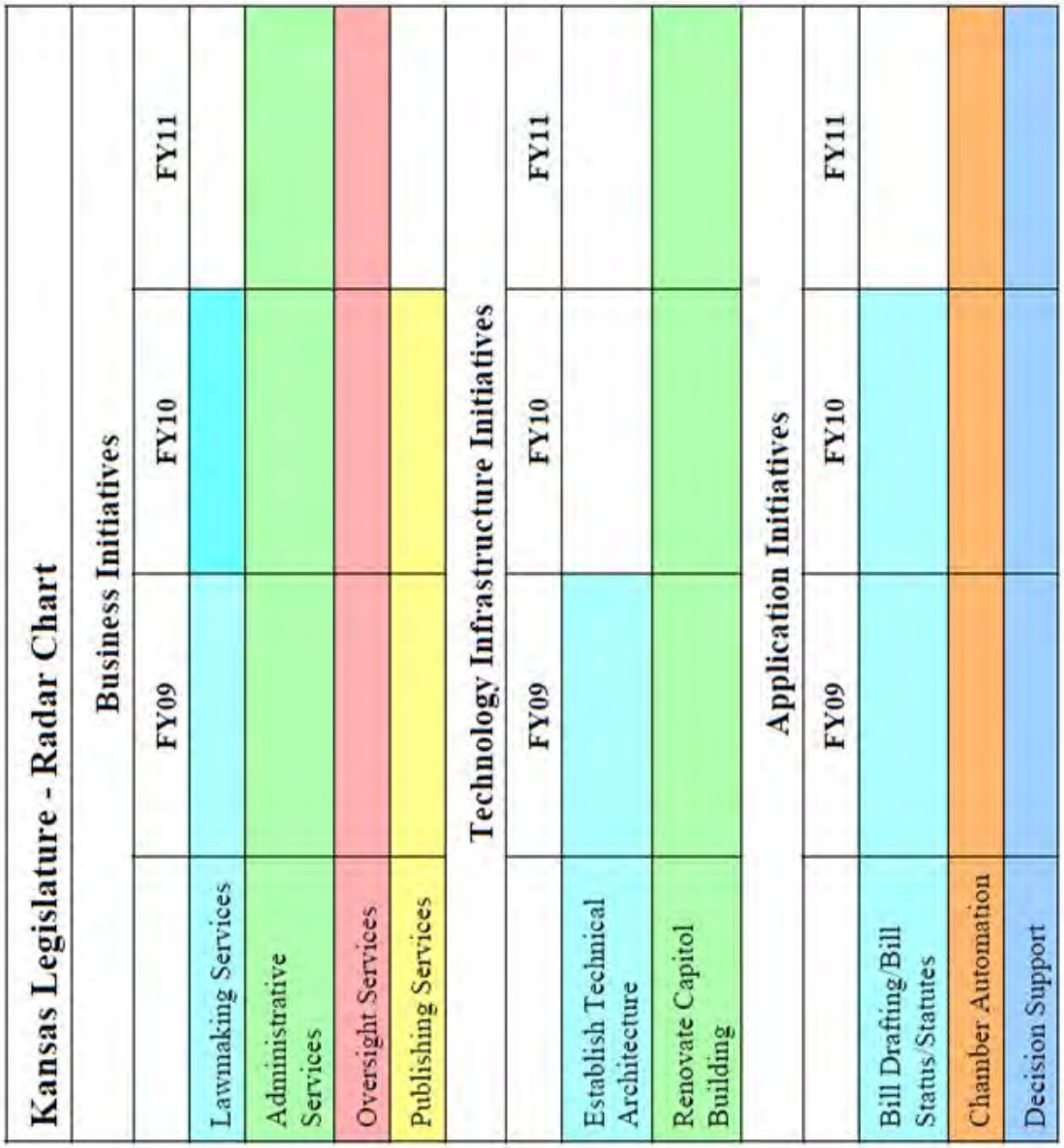
Application Initiatives			
FY2009	FY2010	FY20011	Initiative #
Increase Application reporting and dashboards			4
Improve User Reference Manuals and Training			5, 6
Increase Agency Performance Information and implement GIS Mapping			6
Upgrade development software structure supporting CASIMS			5
maintain the JJIS applications to ensure business need are met.			1, 2, 3, 4, 5
	Enable linkages from KCJIS to the JJIS		4, 5
			4, 5
	integration of electronic document imaging with in JJIS		5
Add risk assessment information into CASIMS			2, 5
enhance financial application for budget tracking			5
Implement Identity Management			5
			4, 5
Incorporate GJXDM compatibility into the JJIS system			5
migrate JJIS applications to web-based format -->			5
contract with INK for Content Management System			5,6

Labor, Department of

Technology Radar Chart

AGENCY BUSINESS PROGRAM	FY2007	FY2008	FY2009	FY2010
Enterprise Architecture				
EA Implementation	Establish Departmental EA			
TECHNOLOGY INFRASTRUCTURE				
Application Security				
Security		Single Sign On (SSO)		
LDAP		LDAP Setup		
Development Methodology				
RUP		Rational System Architecture Suite		
Development Discipline				
Service Oriented Methodology		SAML Implem entation	SOA Data Bus	
Model Driven Methodology		Model Driven Arch(MDA): EMF/MOF		
Web Application Development Facility	[illegible]			
Data Architecture				
Database		XSLT Repository		
Enterprise Architecture		SOA Architecture Implementation		
Object Oriented Arch(OOA)		Establish OOA/OOD/OOP Standards		
Application Server		WebSphere		
Enterprise Architecture				
Enterprise Architecture (EA) Program		EA Training/Modeling Tool/Performance		
EA Modeling Tools		EA/Object Repository		
IT BUSINESS SYSTEM INITIATIVES				
UI				
UI Modernization Project		UI Reengineering		
		* Difficulty merging legacy security		
		High learning curve of technology		

Legislature, Kansas State



Library, Kansas State

	STATE LIBRARY OF KANSAS									
AGENCY BUSINESS PROGRAM INITIATIVES										
Initiative #	*Name*	*Description*								
1	Legislative Reference Service	*Reference & information services to legislature, state government and all Kansans; emphasis on legislative information*								
2	Collections & Interlibrary Loan	*Acquisition of and access to information resources supporting the agency mission*								
3	State/Federal documents depository	*Acquisition, preservation and distribution of government-produced information and publications*								
4	Consulting service to libraries	*Foster development of excellence in Kansas libraries through education, training, board development and advice*								
5	Kansas Center for the Book	*Promote and strengthen the place and reputation of Kansas in the world of literature*								
6	State/Federal grants-in-aid	*Foster development of excellence in Kansas libraries through financial incentive*								
7	Service to Blind/Physically Impaired	*Services to Kansas residents who can not read conventional printed material*								
8	Statewide resource coordination	*Provides statewide library resources, supports statewide resource sharing, cooperation and communication*								
TECHNOLOGY INFRASTRUCTURE										
Area		*FY2008*		*FY2009*		*FY2010*		*FY2011*		*Initiative #*
Hardware Inventory (Rotation/Replacement)										1 through 8
Database review (Internal)										1 through 8
Database review (public)										1, 2, 8
Wireless access expansion										1, 3
Intranet development										1 through 8
IT BUSINESS SYSTEM INITIATIVES										
Area		*FY2008*		*FY2009*		*FY2010*		*FY2011*		*Initiative #*
Kansas Library Catalog (KLC) / Kansas List of Serials (KLS) / KICNET										1, 2, 3, 8
Kansas Virtual Library										1 through 8
Web site redesign										1 through 8
Kansas Library Card review/reinvention										2, 4, 5, 7, 8

Lottery, Kansas

AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	Name
1	New Games
2	New Retailers
3	Promotions
4	New Products
5	
6	
7	
8	
9	
10	

TECHNOLOGY INFRASTRUCTURE

Area	FY2009	FY2010	FY2011	Initiative #
Combined Local Area Network	Upgrade to Windows 2008 Server			2,4
External Email	MS Exchange 2007			2,4
Backup System Offsite	Duplicate Windows servers offsite			2,4

IT BUSINESS SYSTEM INITIATIVES

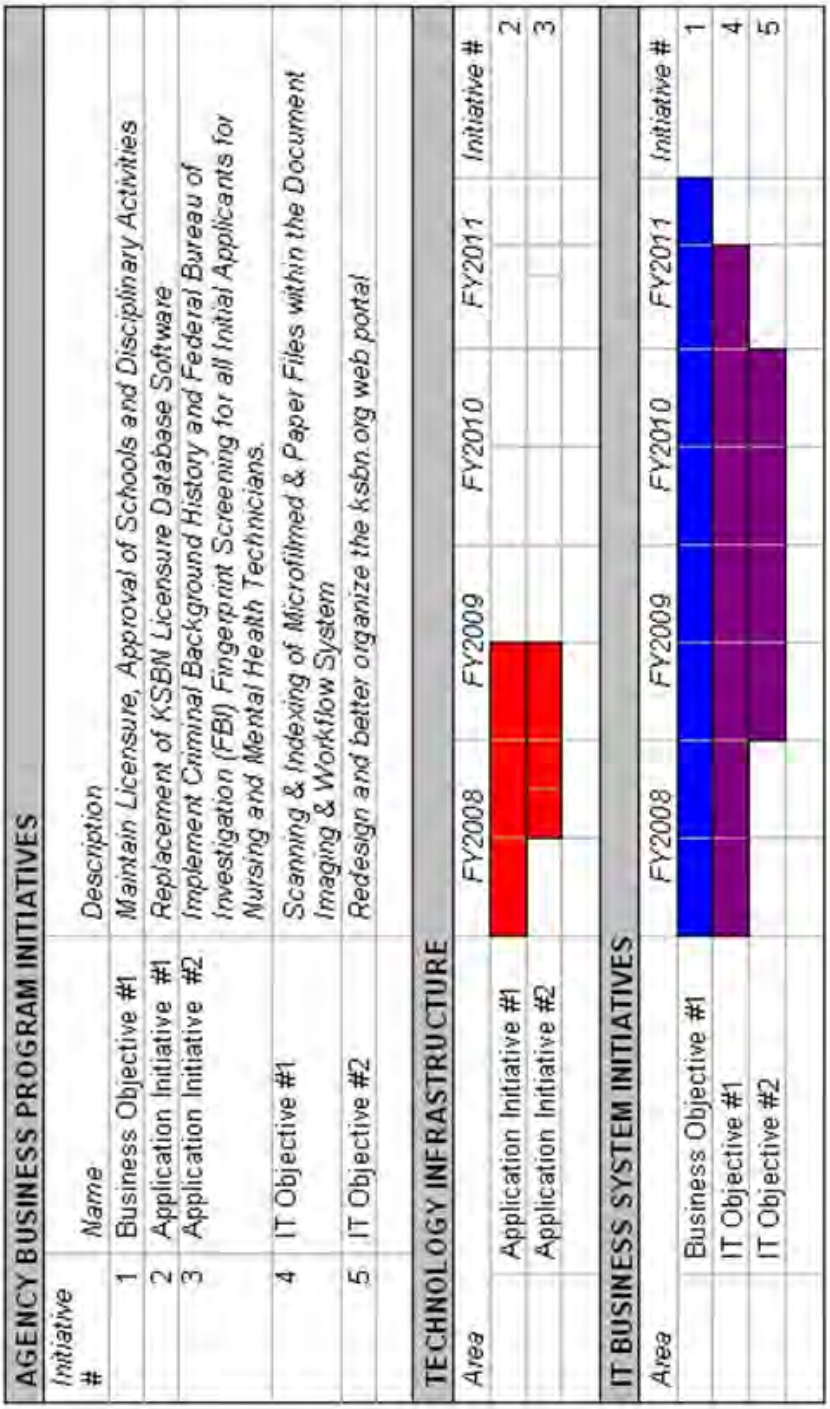
Area	FY2009	FY2010	FY2011	Initiative #
Online Game and Communications RFP	Begin operations w/ new contract			1
Expanded Gambling (Racinos & Casinos)	Implement Central System software			1

Nursing, Kansas Board of

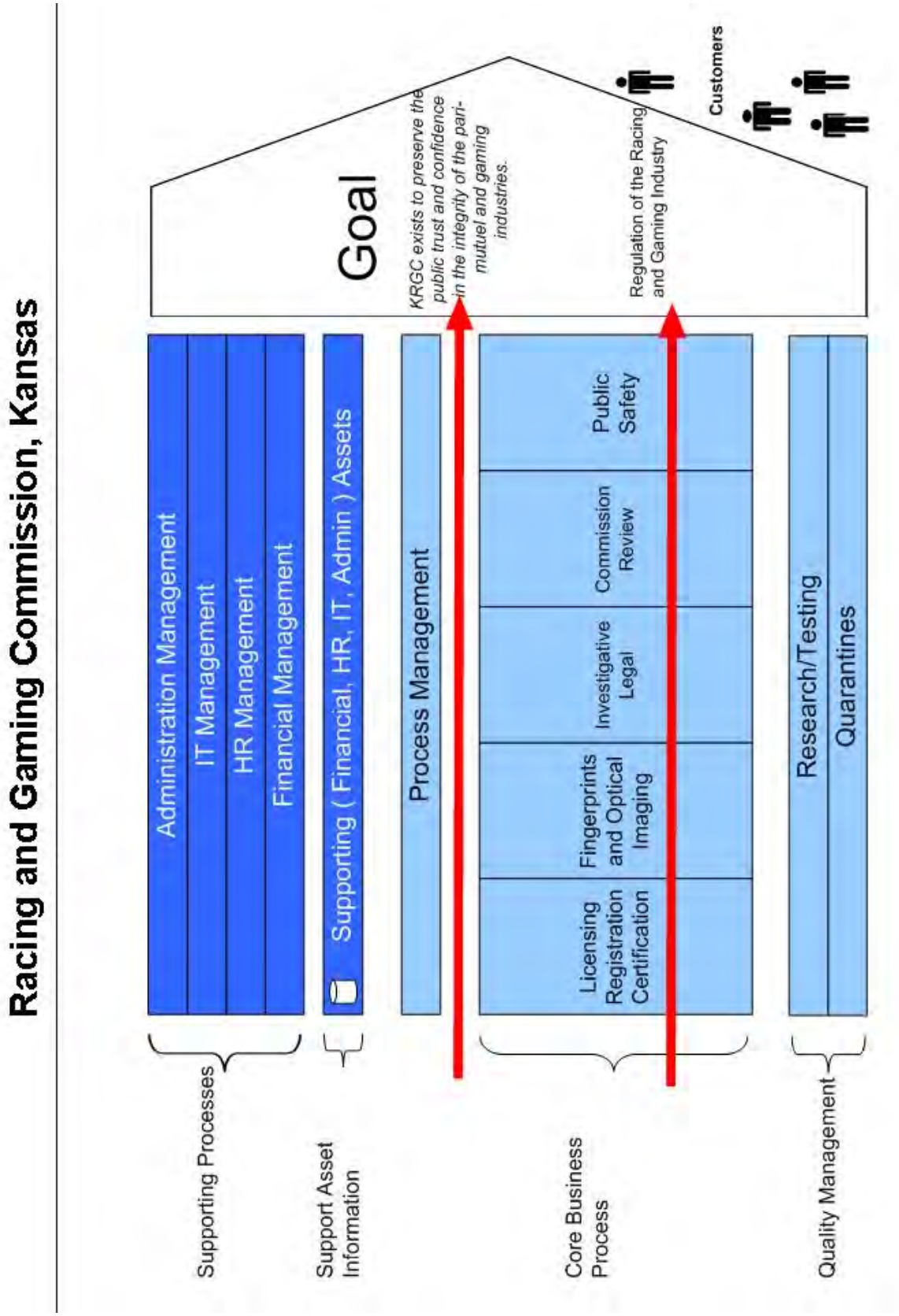
AGENCY BUSINESS PROGRAM INITIATIVES

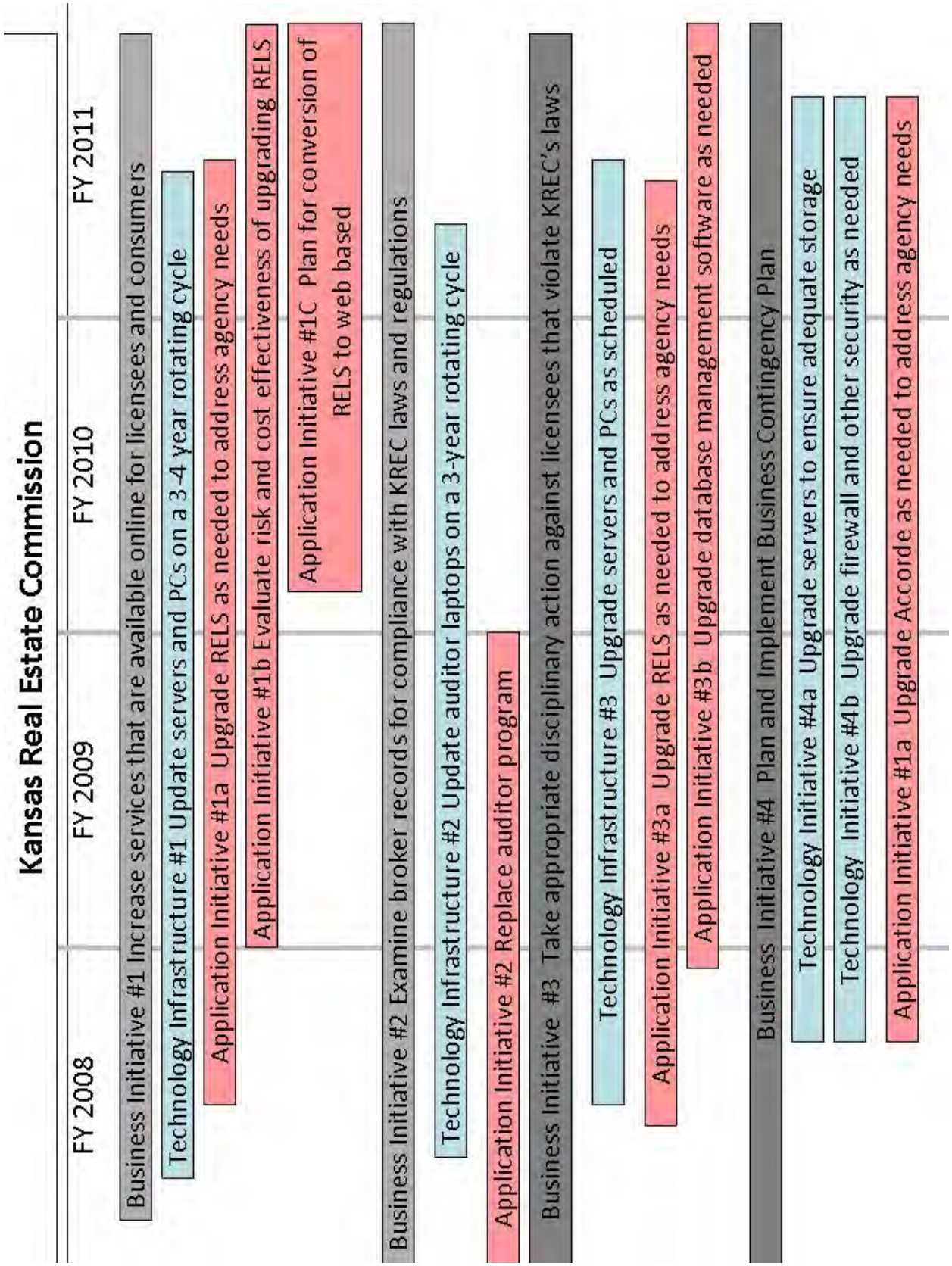
Initiative #	*Name*	*Description*
1	Business Objective #1	*Maintain Licensure, Approval of Schools and Disciplinary Activities*
2	Application Initiative #1	*Replacement of KSBN Licensure Database Software*
3	Application Initiative #2	*Implement Criminal Background History and Federal Bureau of Investigation (FBI) Fingerprint Screening for all Initial Applicants for Nursing and Mental Health Technicians.*
4	IT Objective #1	*Scanning & Indexing of Microfilmed & Paper Files within the Document Imaging & Workflow System*
5	IT Objective #2	*Redesign and better organize the ksbn.org web portal*

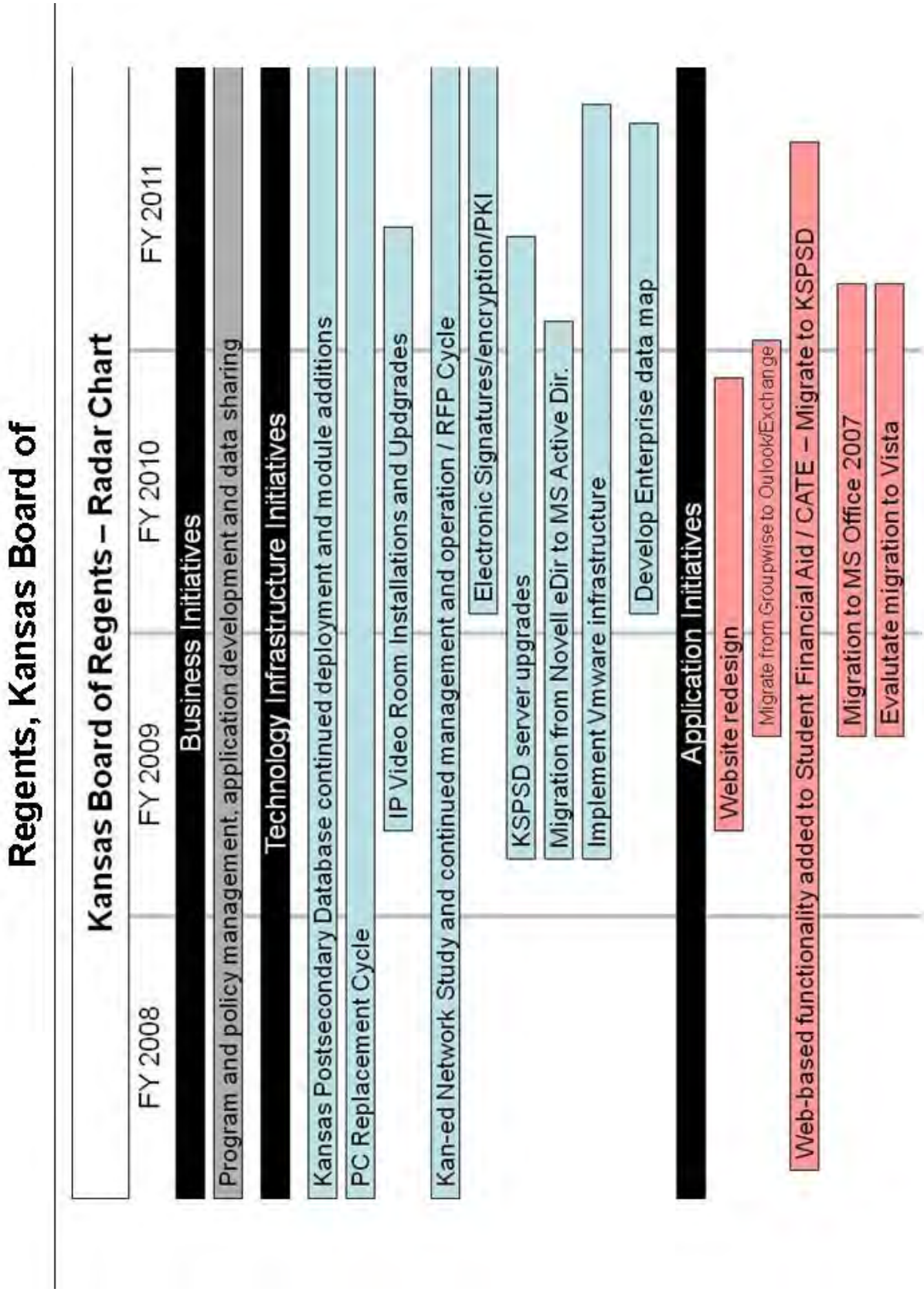
TECHNOLOGY INFRASTRUCTURE



IT BUSINESS SYSTEM INITIATIVES


Racing and Gaming Commission, Kansas
Goal
KRGC exists to preserve the public trust and confidence in the integrity of the pari-mutuel and gaming industries.
Regulation of the Racing and Gaming Industry
Customers
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, Admin) Assets
Process Management
Licensing Registration Certification
Fingerprints and Optical Imaging
Investigative Legal
Commission Review
Public Safety
Research/Testing
Quarantines
Supporting Processes
Support Asset Information
Core Business Process
Quality Management


Kansas Real Estate Commission
FY 2008
FY 2009
FY 2010
FY 2011
Business Initiative #1 Increase services that are available online for licensees and consumers
Technology Infrastructure #1 Update servers and PCs on a 3-4 year rotating cycle
Application Initiative #1a Upgrade RELS as needed to address agency needs
Application Initiative #1b Evaluate risk and cost effectiveness of upgrading RELS
Application Initiative #1C Plan for conversion of RELS to web based
Business Initiative #2 Examine broker records for compliance with KREC laws and regulations
Technology Infrastructure #2 Update auditor laptops on a 3-year rotating cycle
Application Initiative #2 Replace auditor program
Business Initiative #3 Take appropriate disciplinary action against licensees that violate KREC's laws
Technology Infrastructure #3 Upgrade servers and PCs as scheduled
Application Initiative #3a Upgrade RELS as needed to address agency needs
Application Initiative #3b Upgrade database management software as needed
Business Initiative #4 Plan and Implement Business Contingency Plan
Technology Initiative #4a Upgrade servers to ensure adequate storage
Technology Initiative #4b Upgrade firewall and other security as needed
Application Initiative #1a Upgrade Accorde as needed to address agency needs


Regents, Kansas Board of
Kansas Board of Regents – Radar Chart
FY 2008
FY 2009
FY 2010
FY 2011
Business Initiatives
Program and policy management, application development and data sharing
Technology Infrastructure Initiatives
Kansas Postsecondary Database continued deployment and module additions
PC Replacement Cycle
IP Video Room Installations and Updgrades
Kan-ed Network Study and continued management and operation / RFP Cycle
Electronic Signatures/encryption/PKI
KSPSD server upgrades
Migration from Novell eDir to MS Active Dir.
Implement Vmware infrastructure
Develop Enterprise data map
Application Initiatives
Website redesign
Migrate from Groupwise to Outlook/Exchange
Web-based functionality added to Student Financial Aid / CATE – Migrate to KSPSD
Migration to MS Office 2007
Evalutate migration to Vista

Regents: Emporia State

Emporia State University

	FY2008	FY2009	FY2010	FY2011
Business Initiatives				
Objective #	Description			
1	Increase the use of new, innovative technologies for academic and administrative functions			
2	Maintain a robust, comprehensive ERP system (Banner@ESU)			
3	Develop a comprehensive business continuity and disaster recovery plan			
4	Develop a comprehensive security plan			
5	Provide a modern, robust IT infrastructure			
6	Ensure superior Information Technology services and support			
Technology Infrastructure Initiatives				
Objective #				
1,2,3,4,5,6	Improve technical infrastructure to meet campus operational, research and service requirements			
2,6	Expand Operational and Analytical Administrative Reporting Access			
4,5,6	Continue to develop, adopt and promulgate security policies, practices and technologies			
1,5,6	Replace and upgrade desktop, server, and classroom systems as necessary			
5,6	Refresh data network infrastructure			
1,5	Pursue goal of ubiquitous wireless network access			
1,5,6	Migrate from Novell-based identity, email,file, print and application delivery infrastructure to Microsoft-based technologies			
2,5,6		Banner hardware refresh		
2,6		Banner, Luminis upgrades		
2,6		Implement Banner EMS		
2,3,5,6		Identify disaster recovery "Hot Site", implement production system redundancy		
2,4,6		Implement Process controls / Change Management procedures		
2,3,5,6		Review/Revise Business Continuity, Disaster Recovery Plans		
2,4,5,6		Comprehensive Information Security Plan		
IT Business System Initiatives				
1,2	Ongoing development of Banner applications			
1,4,5,6	Buzz In Portal and Ongoing Single Sign On Development			
2,6	Ongoing development of ODS / Cognos BI reporting environment			
1,5,6	Migrate from Novell-based identity, email,file, print and application delivery infrastructure to Microsoft based technologies			
2,6		Implement Banner EMS		
5,6		Research IT Asset Mgmt, Pre-planning of project		
1,2,5,6		Implement cross-platform functionality (workflow, etc)		
1,6		Expand Distance Learning, Blackboard and Horizon Wimba Services to include portfolio/content system, Blogs, WIKIs, voice and video services		
2,4,6		Implement Process controls / Change Management procedures		
1,2,6			(Possible) Deploy hosted email services for students and alumni	
1,5			Voice over IP Pilot	
2,3,5,6		Review/Revise Business Continuity, Disaster Recovery Plans		
2,4,5,6		Comprehensive Information Security Plan		
1,6		Develop, deliver training in online teaching / learning technologies		
1,6		Channel 8 - Deploy research channel / extended content		

Regents: Fort Hays State

Fort Hays State University - Radar Chart

AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	*Name*	*Description*
1	Web-enable the Student Information System and Reengineer Business Processes	
2	Meeting Kansas and Other Virtual Students' Needs	
3	Improve Learner Outcomes	
4	Mobile Computing Initiative	
5	Reduce t	

TECHNOLOGY INFRASTRUCTURE

Area	*FY2009*	*FY2010*	*FY2011*	*FY2012*	*Initiative #*
	Enhance TigerEnroll Portal Applications				1,2
	What-If Degree Shopping Scenario for Faculty				1,2
	Design and Deploy Admission System				1,2
	Prepare for E-Army U Initiative				1,2
	Prepare Disaster Recovery Proposal, Implement if Funded				2
	Deploy wireless access at the College Farm if funded				3,4
	Rewire Picken Hall in Spring-Summer				2
	Continue to test SmartPhones -- Mostly with faculty and staff				2
	Replace Aging Servers and Desktops including IFAS Servers and Disk Storage				
	Support Angel and Blackboard Course Management System				2,3
	Replace Aging Data Switches in Campus Buildings				

IT BUSINESS SYSTEM INITIATIVES

Area	*FY2009*	*FY2010*	*FY2011*	*FY2012*	*Initiative #*
Admin & Finance	Continue adding reports to the IFAS (Financial system)				1
Registrar's Office	Add pictures to roster				1
Admin & Finance	Prepare a Wireless Print Solution for Campus, Implement if funded				5
Registrar's Office	Design and Program a New Admissions System				1,2
Virtual College	Work with CTELT to Implement CoursEval 3 Teacher Evaluations				3
Student Fiscal Svs	Clarify Charges on the Web, Enhance Payment Options for Departments, Provide Parental Options				1
Integrated Marketing	Work with Educational Marketing Group on a Content Management System				1
Admin & Finance	Prepare Proposal for Software License Tracking				5

Technology Fading and Upcoming

Area	*FY2009*	*FY2010*	*FY2011*	*FY2012*
Fading				
CICS Screens for Users	Replacing selected CICS screens with .NET web screens written in C#			

Regents: Kansas State University

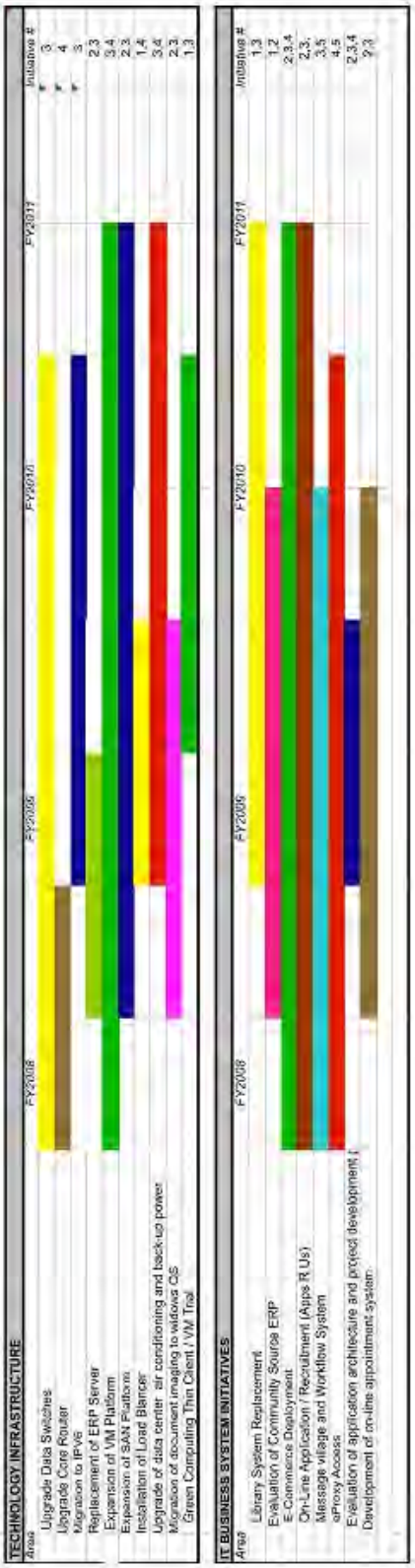
Kansas State University		
FY 2009	FY 2010	FY 2011
Business Initiatives		
Complete the installation of LASER systems and remove the mainframe and associated systems		
Continue to strengthen the infrastructure of IT, including networking, basic computing, middleware, data and information		
Maintain the academic systems, learning management, courseware production, learning environments, advising system		
Enhance the research processes with a robust management system based upon principles of teaching and learning		
Ensure that campus IT services are aligned with the needs or our users		
Technology Infrastructure Initiatives		
Support Recruitment, Retention, and Professional Development of High Quality Faculty		
Strengthen the Learning and Teaching Environment.		
Enhance the Quality of Graduate and Research Programs.		
Develop the Library Infrastructure.		
Develop the Information Technology Infrastructure.		
Enhance a Diverse Multicultural Environment.		
Enhance International Emphases		
Define the University's Role in Mediated Learning		
Contribute to the State's Economic Development and Environmental Health.		
Application Initiatives		
LASER – PeopleSoft/Oracle student system – ongoing [1]		
Continue to improve campus network redundancy – ongoing [2]		
Establish a second data center – planning for move of critical applications and data – ongoing [2]		
Replacement of current email and calendaring services – ongoing [2]		
Continue to increase effective security and codify policy and procedures – ongoing [2]		
Experiment with new and innovative technologies for teaching, learning, research, and outreach – ongoing [3, 4]		

Regents: Pittsburg State University

AGENCY BUSINESS PROGRAM INITIATIVES

Ke #	Name	Description
1	Anytime/Anyplace Learning	*Provide anytime/anyplace access to university resources for students, faculty, staff and community*
2	21st Century Business	*Make it easy for people to do business with the university*
3	"Maximize Everything"	*Increase the efficiency and productivity of university students, faculty and staff*
4	Information Security	*Make security of the university's data strong, yet unobtrusive*
5	Enhanced Communication	*Foster strong communication links- making all of the PSU community "in the loop"*
6		
7		
8		
9		
10		

TECHNOLOGY INFRASTRUCTURE



IT BUSINESS SYSTEM INITIATIVES

Regents: University of Kansas

University of Kansas - Business & Technology Radar Charts

AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	Name	Description
1	Ensure KU's Operational Continuity	Continue to implement plans for ensuring operational continuity to the fullest extent possible.
2	Campus Engagement Campaign	Engage and partner with the campus community in the innovations and strategies needed to implement a first-class information and technology infrastructure.
3	Focus on Transformational Impact	Continue to work toward minimizing efforts focused on lower impact technologies and/or systems, allowing more time and attention to shift toward support of efforts, technologies and information systems that have the ability to most favorably impact KU.
4	Support and Sustain KU's Focus on Research	Aggressively build and operate a robust cyber-infrastructure to support research.

TECHNOLOGY INFRASTRUCTURE

Area	FY2007	FY2008	FY2009	FY2010	Initiative #
	Plan for upgraded computing center, including business continuity and disaster recovery requirements				1,4
	Continue implementation and enhancement of existing major systems				2
	Continue implementation and enhancement of security infrastructure and services				2
	Continue building network QoS and convergence services				3
	Device registration project				2
		Telemanagement system investigation and implementation			3
		Enterprise wireless refresh			2
	Investigate, plan and implement digital preservation technologies and processes				1,2
	Intercampus network infrastructure				2,4
	Plan for and implement a configuration management database				3
	Research and reimplement campus identity management infrastructure and processes				2,3

IT BUSINESS SYSTEM INITIATIVES

Area	FY2007	FY2008	FY2009	FY2010	Initiative #
SAKU	PS fixes and bundles				3
SAKU		PS version 8.9 enhancements (as needed)			3
HRMS	PS fixes and bundles				3
HRMS		Investigate ver. 9.0 impln			2,3
FIS		PS ver. 9.0 upgrade			3
BIS	Fixes / maintenance as needed				3
Library System	Fixes / maintenance as needed				3

Regents: University of Kansas Medical Center

AGENCY BUSINESS PROGRAM INITIATIVES		
Initiative #	*Name*	*Description*
1	Educational support (ES)	Plan, manage and support the technical and library support infrastructure, devices, and applications needed for current and future programs in the Schools of Medicine, Nursing, and Allied Health and in Graduate Studies.
2	Research support (RS)	Plan manage and support the high bandwidth, very high data storage, collaboration, and specialized application needs of our research community.
3	Communication and collaboration (CC)	Offer enhanced communication and collaboration services for the KUMC community by extending our use of Microsoft tools and applications to include the implementation of Exchange/Outlook, SharePoint Server, Office 2007 and the InfoPath forms creation and workflow environment.
4	Administrative support (AS)	Provide support for core business systems - financial, human resources, payroll, document management, and the data warehouse.
5	Personal computing (PC)	Provide support for personal computing devices - desktops, laptops, tablet PCs, and handheld devices.
6	Network connectivity (NC)	Provide a stable, secure, always available, ubiquitous network with ample bandwidth and both wired and wireless connectivity to support KUMC's educational, clinical, and research missions.
7	Telephony (Te)	Provide stable voice services to the KUMC community.
8	Information access (IA)	Plan, manage and support the set of tools, technologies, and business processes involved in maintaining accurate directory (generally non-demographic) data about employees, students, and other affiliated people; managing their access privileges to network and system resources; and doing both in the contexts of information security and privacy.
9	Information security (IS)	Maintain credibility as a responsible steward of privileged information by effectively protecting the University's sensitive information (Protected Health Information, Personal Identity Information, Student Directory and Financial information, etc.).
10	Other essential infrastructure (EI)	Plan, manage, and support the technologies which are more or less transparent to most members of the KUMC community but whose effectiveness is essential to the functionality, stability, reliability, or availability of information resources and technologies in use at KUMC.
11	Communication with KUMC community (KC)	Assure good communication with, and regular input and insight from ,the KUMC community.

Please note: Current initiatives of the KUMC Department of Information Resources are always available at http://www2.kumc.edu/ir/plan/irstrategicplan/index.asp

Regents: Wichita State University

Wichita State University - Radar Chart 08/20/08

AGENCY BUSINESS PROGRAM INITIATIVES

Initiative #	*Name*	*Description*
1	*Enterprise Email consolidation to Exchange*	
2	WSU Banner Support and Collaboration	
3	Enhance Institution Identity Management System	
4	Campus Network Infrastructure	

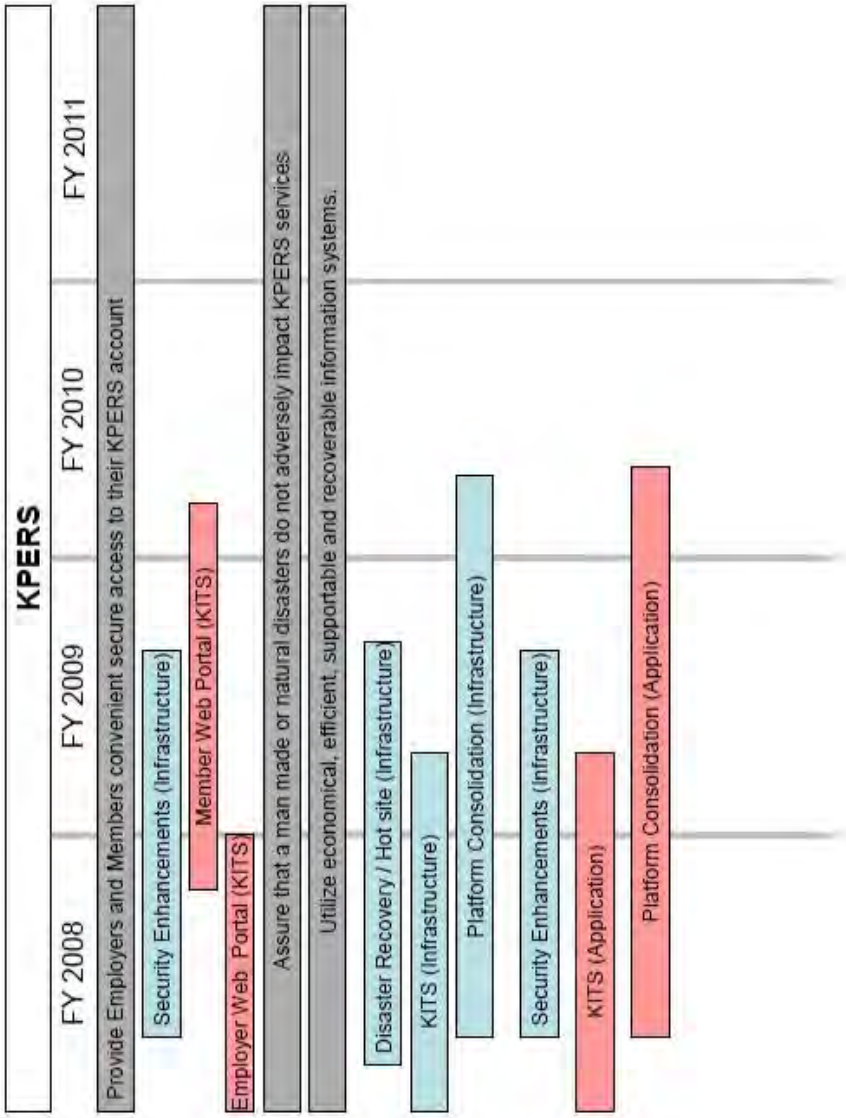
TECHNOLOGY INFRASTRUCTURE

Area	*FY2008*	*FY2009*	*FY2010*	*FY2011*	*Initiative #*
Enterprise Systems	Complete ERP Project				1
Data Storage	Expansion and improvement to SAN data storage				2
Campus Network	Continue to plan and deploy improvements to campus network infrastructure				3

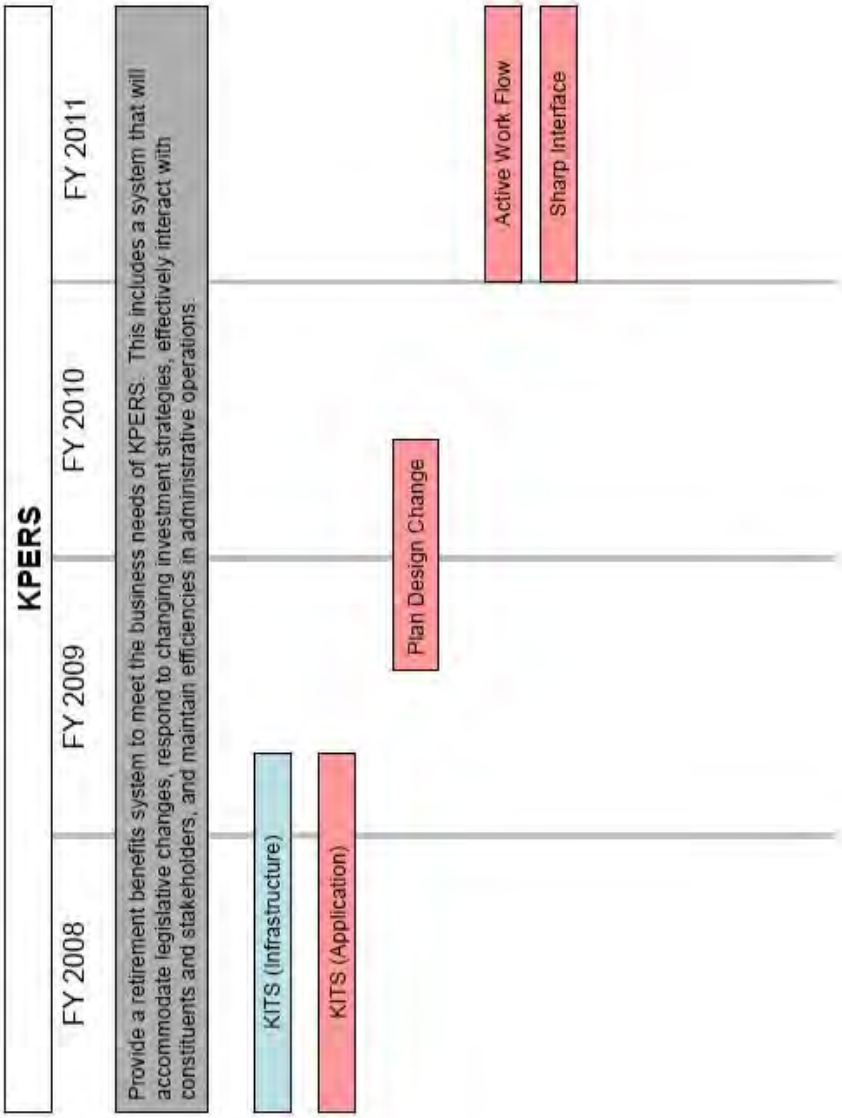
IT BUSINESS SYSTEM INITIATIVES

Area	*FY2008*	*FY2009*	*FY2010*	*FY2011*	*Initiative #*
Directory Services	Improve flow of person-information from Identity Management system to SunOne Directory				1
Directory Services	Expand use of Microsoft Active Directory to replace custom-developed authorization				2
Enterprise Systems	Timely and well-planned maintance of new vendor-supplied software releases				3
Enterprise Systems	Deploy Microsoft SharePoint to support controlled document sharing and reporting				4
RMS Housing	Normal maintenance of vendor-supplied software releases				5
Telecommunications	Normal maintenance of vendor-supplied software releases				6
Reporting Systems	Continue with improvements to Reporting Services, begin to add OLAP, advanced analysis, dashboards				7

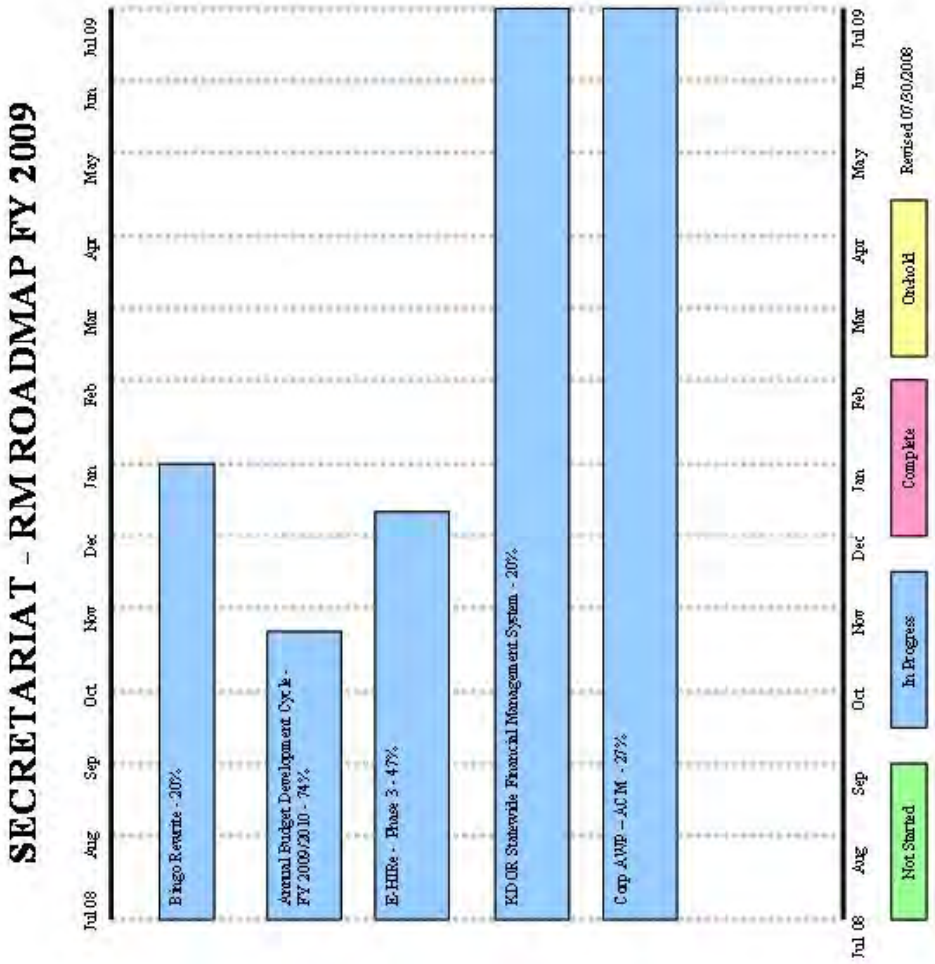
Retirement System, Kansas Public Employees



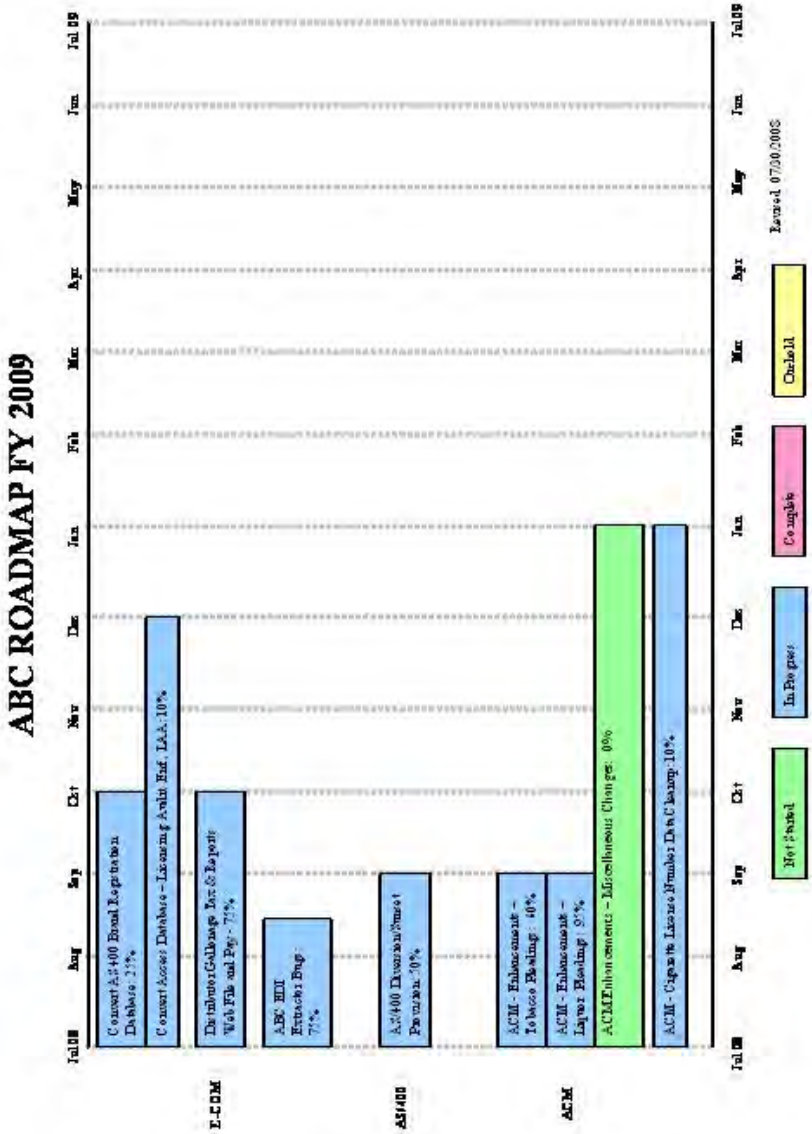
Retirement System, Kansas Public Employees



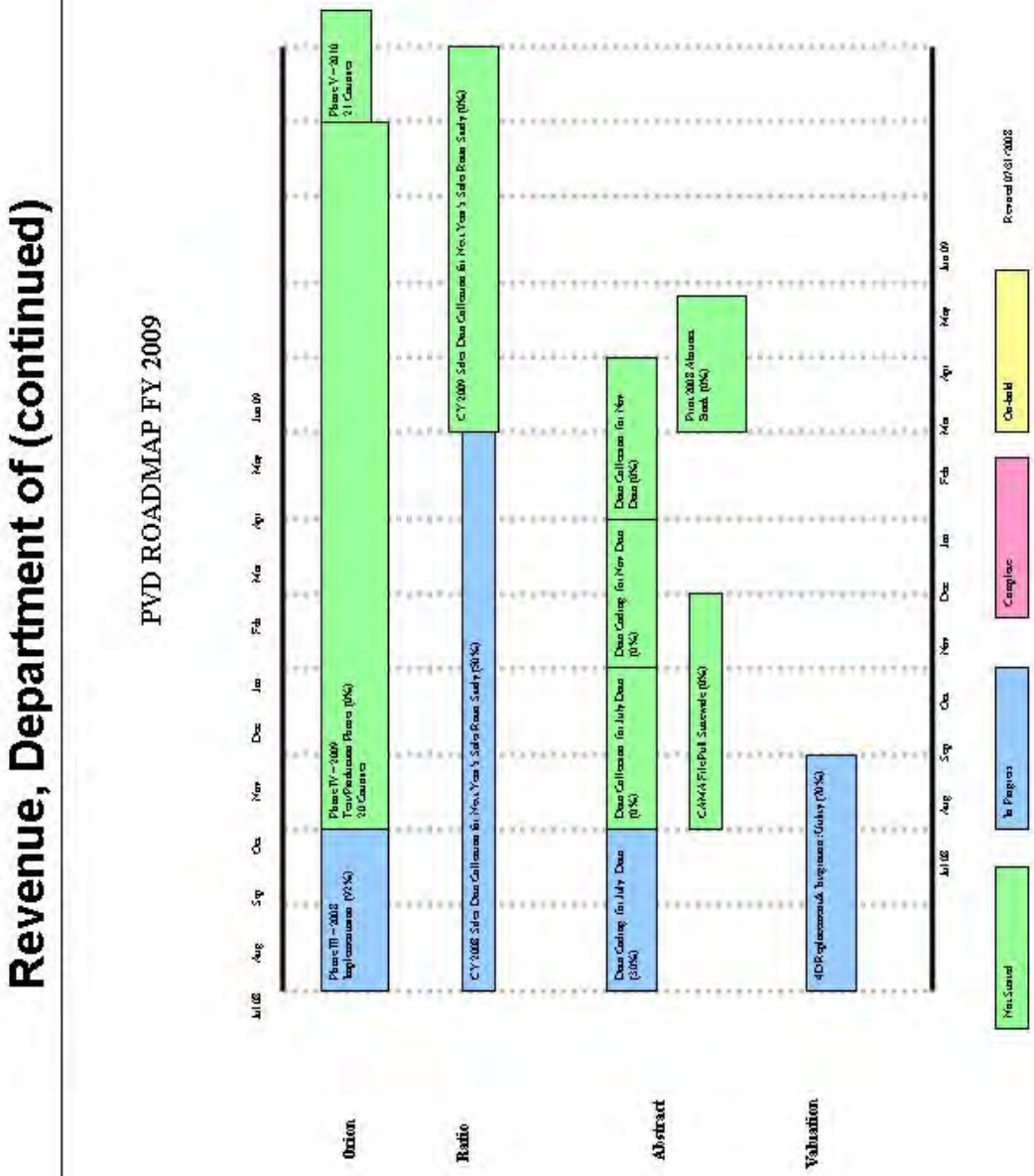
Revenue, Department of



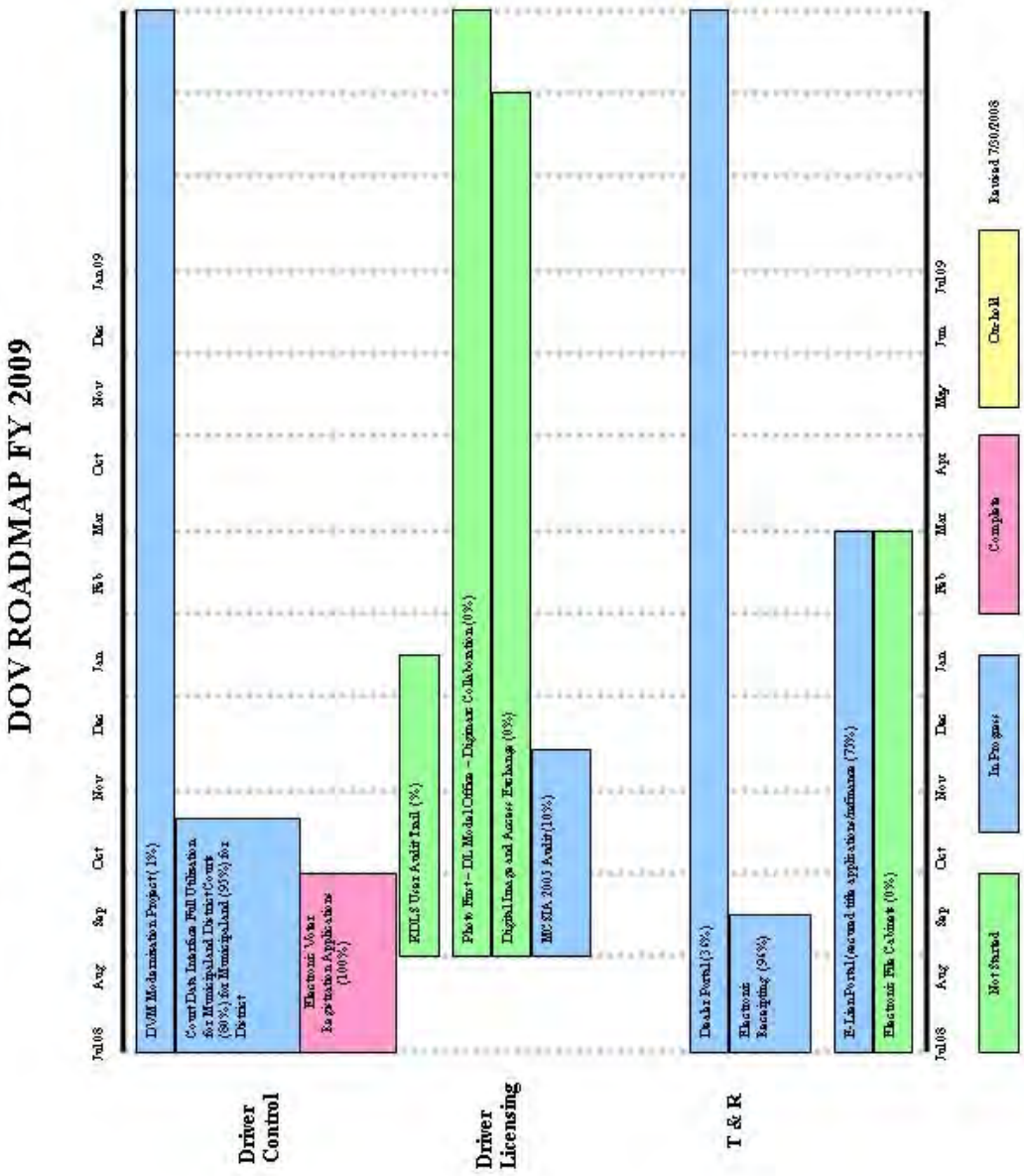
Revenue, Department of (continued)



Revenue, Department of (continued)

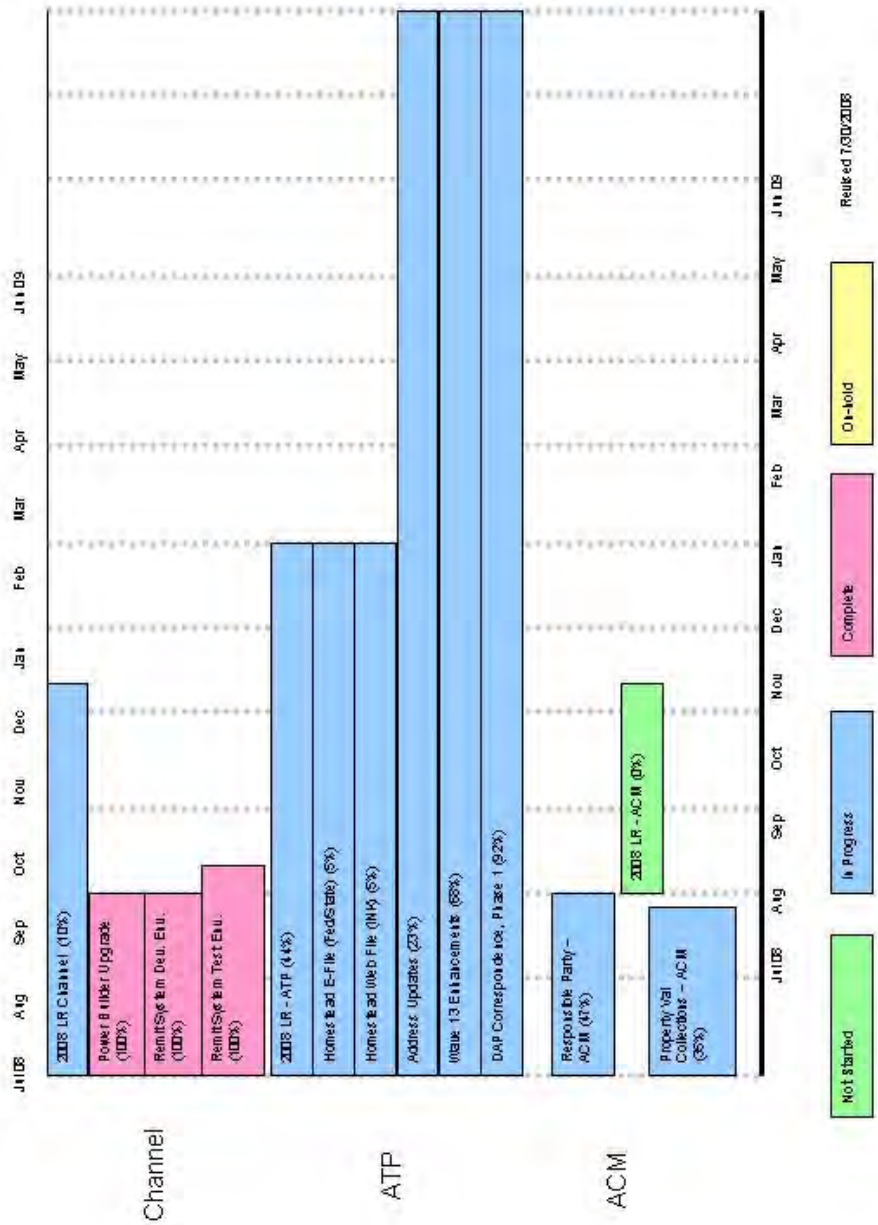


Revenue, Department of (continued)



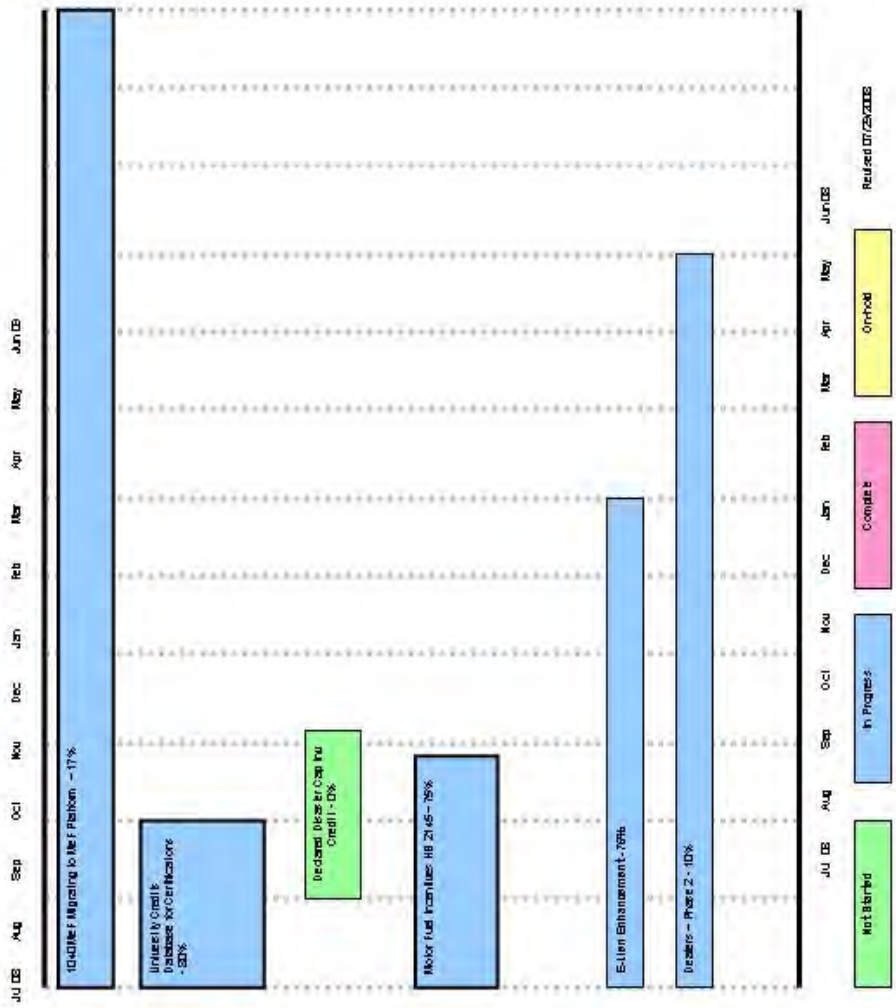
Revenue, Department of (continued)

Taxation Roadmap FY 2009



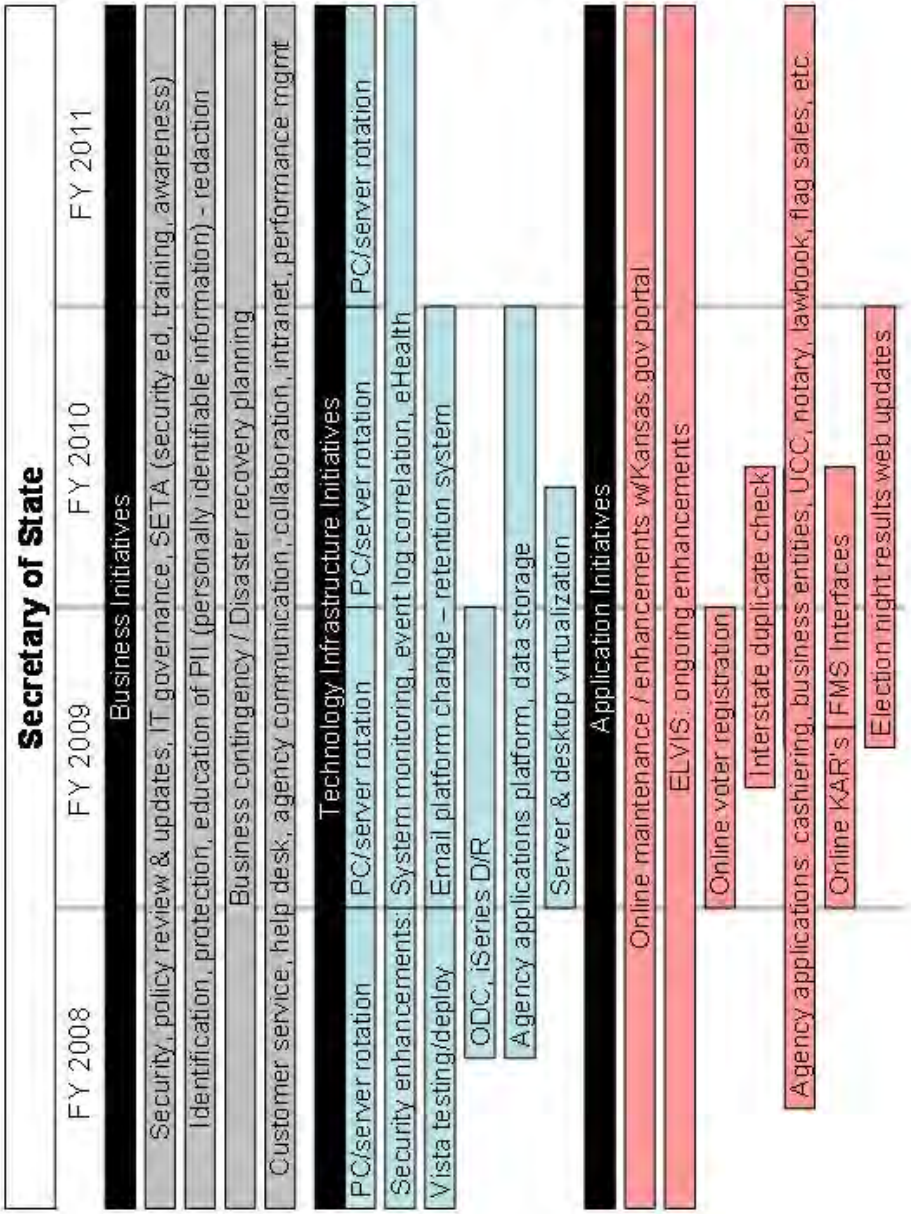
Revenue, Department of (continued)

E-COMMERCE ROADMAP FY 2009

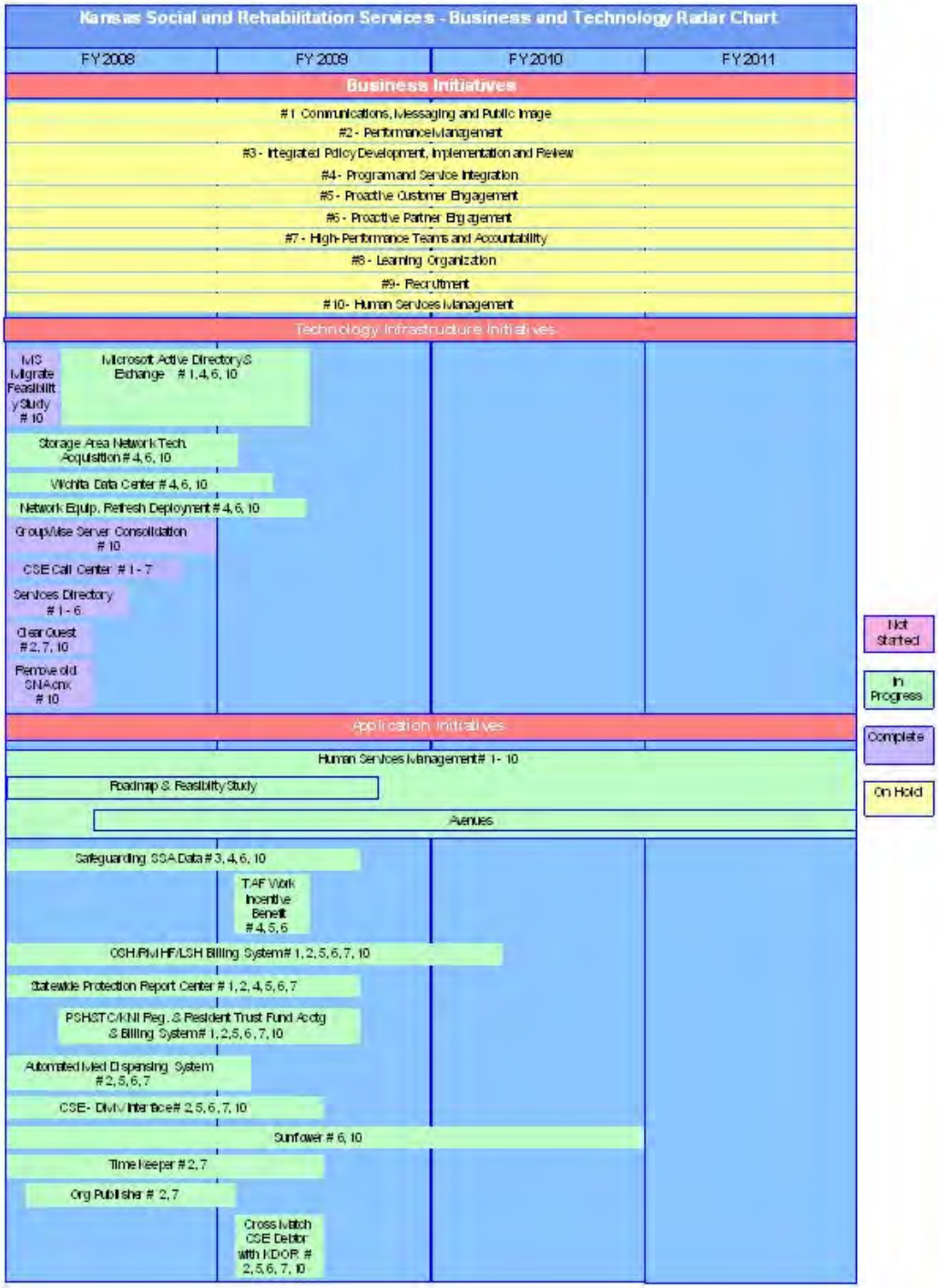


Electronic Channel

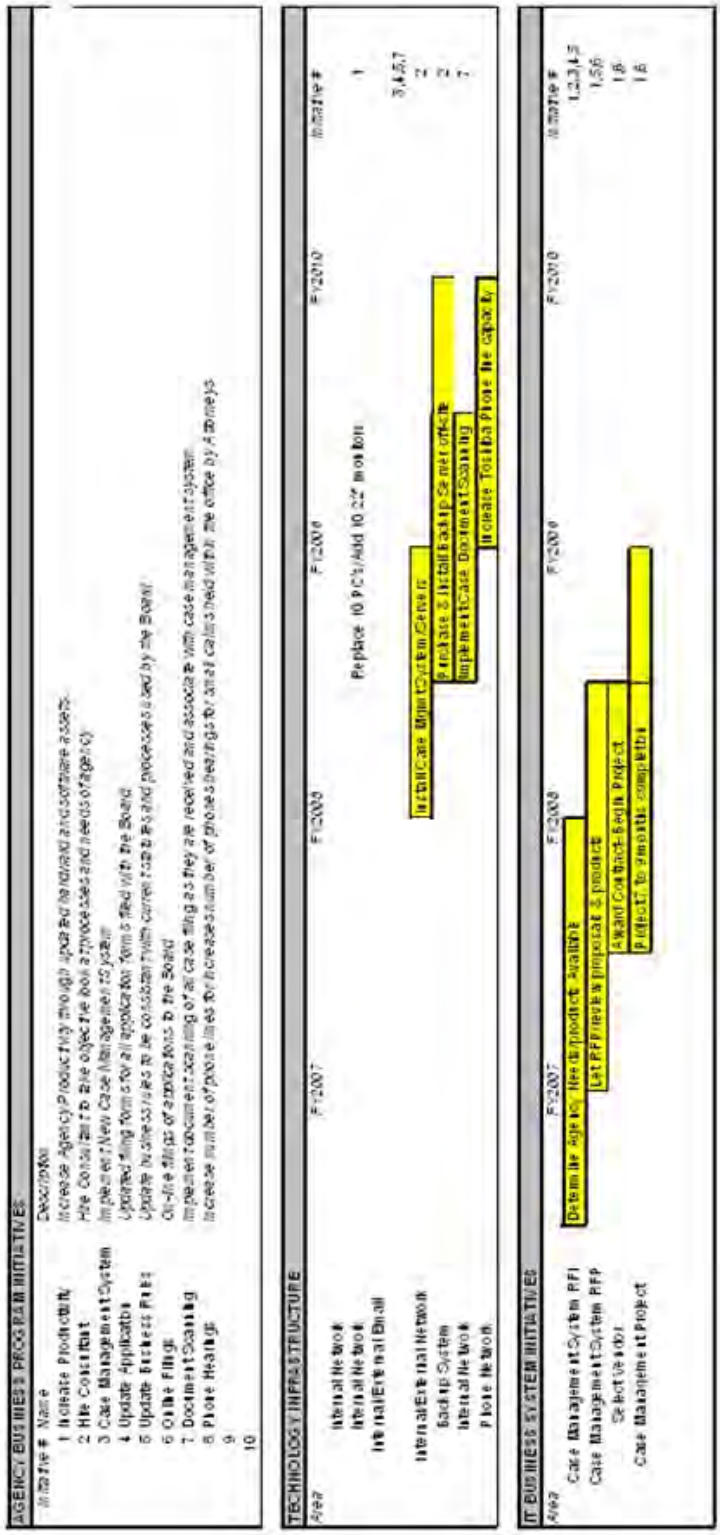
Secretary of State



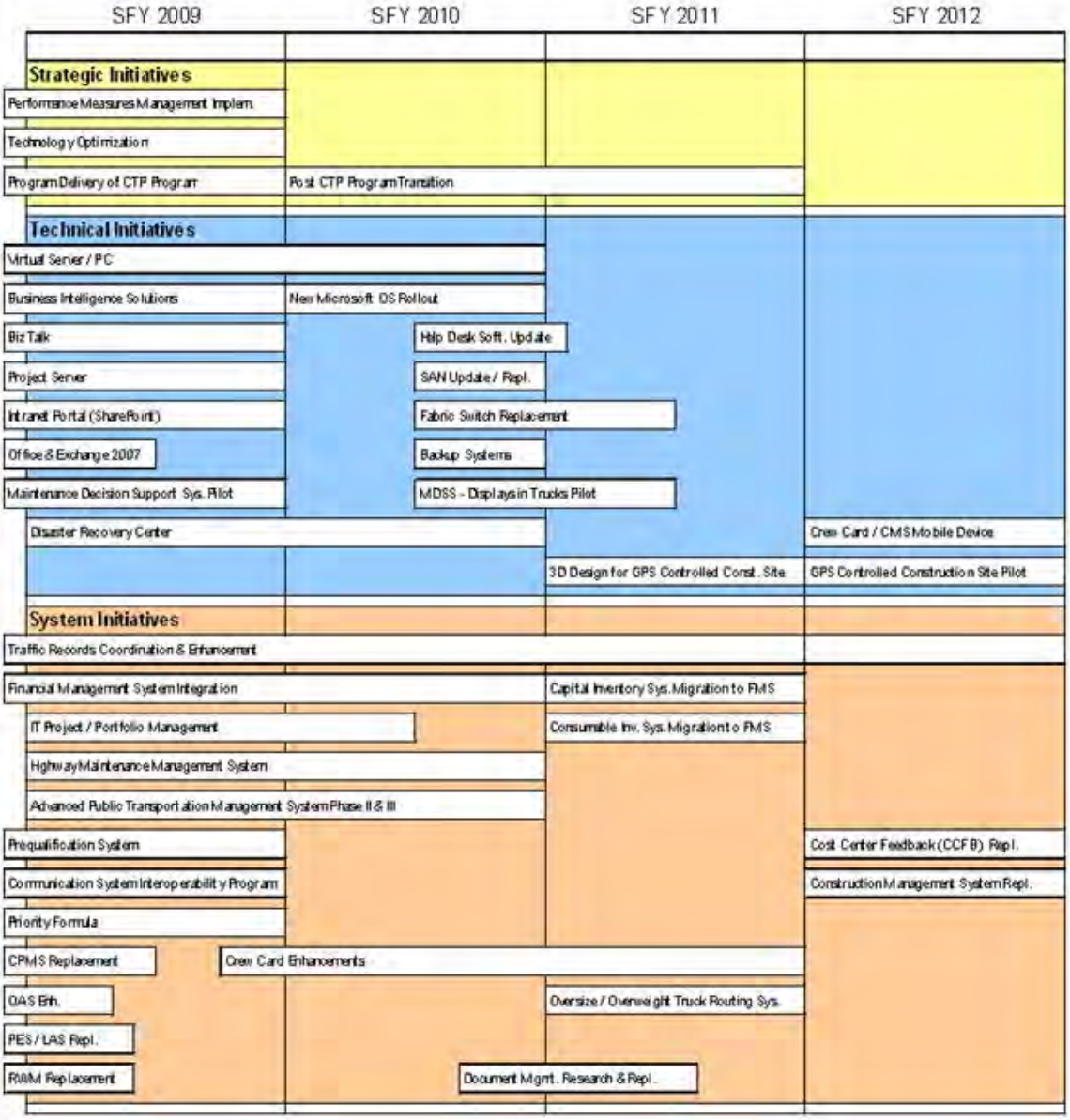
Social and Rehabilitation Services



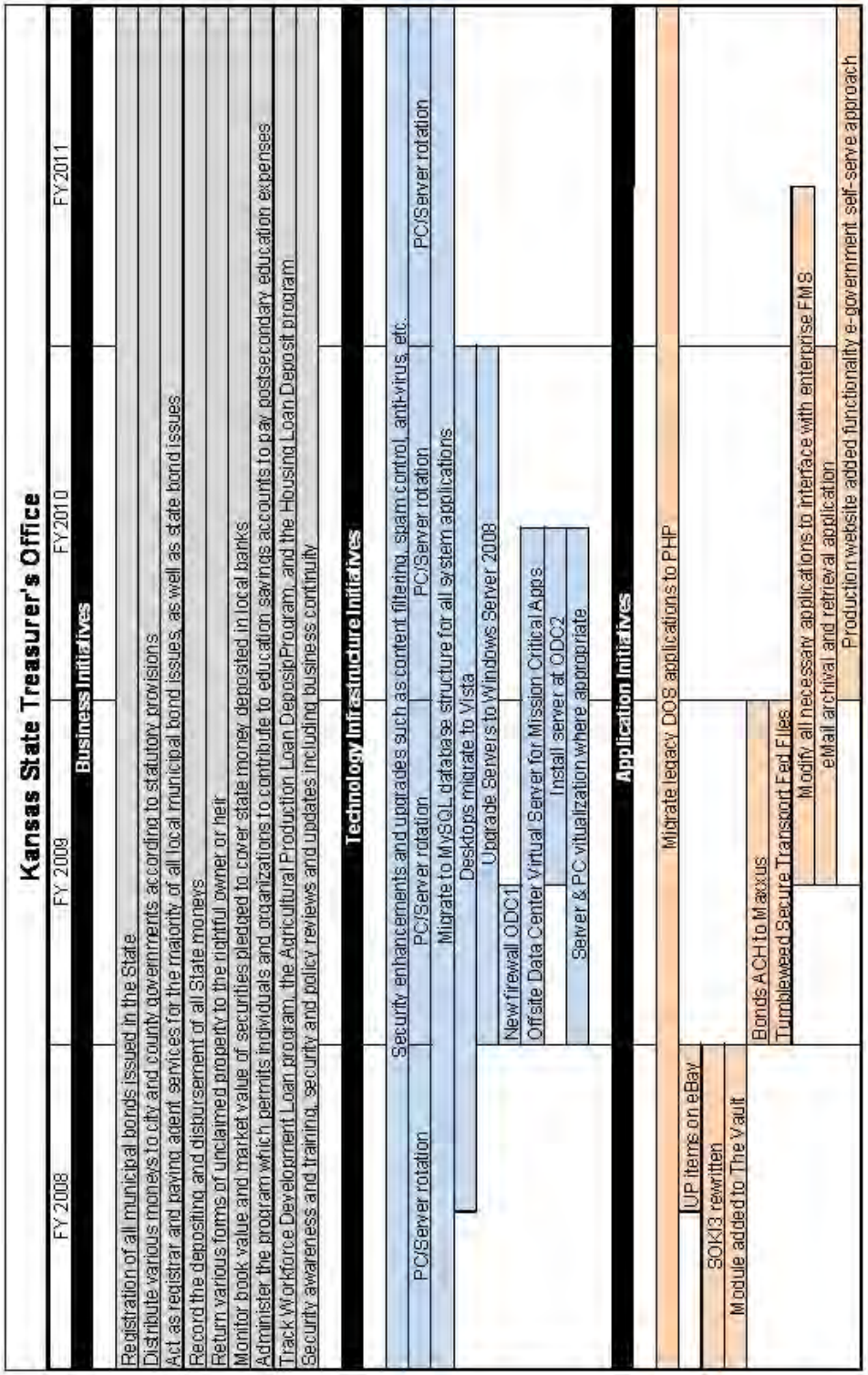
Tax Appeals, Board of



Transportation, Department of



Treasurer, State



Veteran's Affairs, Kansas Commission on

KANSAS COMMISSION ON VETERANS' AFFAIRS			
FY 2008	FY 2009	FY 2010	FY 2011
Administration and Veteran Services			
Provide veterans, their relatives, and dependents with information, advice, direction, and assistance through the coordination of programs and services in the fields of education, health, vocational guidance, and economic security.			
Provide technology and support services to achieve the KCVA mission.			
Kansas Veterans' Home			
Provide long-term skilled nursing care and assisted living care to the veterans and their dependents.			
Provide technology and support services using best business practices and to assist with the transition to a Medicare/Medicaid facility.			
Kansas Soldiers' Home			
Provide long-term skilled nursing care and assisted living care to the veterans and their dependents.			
Provide technology and support services using best business practices and to assist with the transition to a Medicare/Medicaid facility.			
Kansas Veterans' Cemetery Program			
Provides veterans and their eligible dependents with interment opportunities for burial in a Kansas veterans' cemetery.			
Provide technology and support services using best business practices.			

Wildlife and Parks, Department of

AGENCY BUSINESS PROGRAM INITIATIVES	
#1	*Web-based information processing*
#2	*Automated sales*
#3	*Update in-house application processing*
#4	*Security*

TECHNOLOGY INFRASTRUCTURE	*FY2008*	*FY2009*	*FY2010*	*FY2011*
Web servers	Upgrade/replace servers	Monitor and fine tune performance	Monitor and fine tune performance	Upgrade/replace servers
Web traffic load management	Upgrade/replace servers	Monitor and fine tune performance	Monitor and fine tune performance	Upgrade/replace servers
Email server	Monitor and fine tune performance	Convert to hosted services through third party vendor		
WebPOS Hardware	Upgrade/replace as needed			
Application servers	Purchase servers to replace AS400			
Firewalls	Monitor and fine tune performance	Upgrade/replace servers		Upgrade/replace servers

APPLICATION INITIATIVES	*FY2008*	*FY2009*	*FY2010*	*FY2011*
Online permit sales	Boating Registratons	Cabin Reservations	Campsite Reservations/Other Apps	
Web-based information portal	Portal development			
Web-based reporting	Report development			
In-house applications	Convert from AS400 to server-based			

Enterprise Business Partner Models

This section identifies the different organizations, groups, and individuals that State agencies interface with during normal business operations. Moreover, it articulates the different inputs that each agency receives from each business partner, and the outputs that each business partner receives from the agency. These models will allow agencies to have a better understanding of who they are in contact with during normal business operation and what information is important to each group(s). Moreover, this section will create opportunities for other state agencies to look at different models of communication and information delivery.

Adjutant General

		OUTPUT		
KS. Counties		Training Exercises – Mitigation – Emergency Planning	-->>	Adjutant General
	<--			
Highway Patrol		CDP Funding	-->>	
	<--			
State Agencies		Situational Awareness & Resources Training. Exercise planning and coordination	-->>	
	<--			
KS. National Guard		Provide support for transport, shelter, disturbance control, Search and rescue, and communications	-->>	
	<--			
American Red Cross		Disaster response & crisis counseling	-->>	
	<--			
Radio Amateur Civil Emerency Services		Provide emergency communication equipment and manpower	-->>	
	<--			
Federal Government		Provide federal assistance to state and local governments Manage and resolve issues pertaining to illegal aliens Provide repatriation assistance to US citizens	-->>	
	<--			
Wolf Creek Nuclear Plant		Situational awareness and training exercises	-->>	
	<--			
Civilian Air Patrol		Provide Air transport and reconnaissance	-->>	
			-->>	

Administration, Department of

Business Partner		INPUT / OUTPUT	-->	AGENCY
Governor		Budget Analysis	-->	DEPT. OF ADMIN.
State Agencies	<--	Accounting Leadership, Budget Process, Human Resources Management, Facility Management and Operations, Printing	-->	
	<--	Goods and Services Contracts, Data Processing, Telecommunication, Central Mail, Legal Services, Phone Operator Assistance	-->	
Local Governments	<--	Budget Assistance	-->	
Legislature and Staff	<--	Budget Explanation	-->	
Health Care Community	<--	Health Issues	-->	
Vendors	<--	Purchase Goods and Services, Negotiate Contracts	-->	
Citizens	<--	Conduct Hearings When Contesting State Agency Actions, Phone Operator Assistance	-->	
Residents of Kansas Long-Term Care Facilities	<--	Advocacy for Well-being, Safety, and Rights	-->	

Aging, Department on

Business Partner		INPUT / OUTPUT	-->	AGENCY
	<--			
			-->	KDOA
LTC Housing Entities		Status Reports, Financial Reports, Feasibility Reports	-->	
	<--	Loan Contracts		
Long Term Care and Community Based Direct Service Providers		Enrollment Forms, Cost Reports, Desk Review Reports, Audit Reports, Grant Applications	-->	
	<--	Quarterly Rate Setting Schedules, Claims Adjustment Correspondence, Training Materials		
Consultants		Assessment Forms, Rate Setting Analysis Reports, Status Reports	-->	
	<--	Contracts		
Planning & Service Area Agencies		Assessment Forms, Approval Requests, Agreements, Area Plans, Monthly Financial Status Reports, Cash Request, Budgets, Quarterly and Annual Quality Review Reports, Request Data, Standard Data Sets, Data Reports for SPR	-->	
	<--	Policy Manual, Training Materials, Contracts, Agreements, Notification of Grant Awards, Invoices/Funding, Financial Reporting, Formula Changes, Budget Recommendations, Facility Demographics, Custom Reports, QuarterIt and Annual Quality ReviewReports, Req		
Sponsering and Community Based Organizations		Grant Applications, Contracts	-->	
	<--	Education & Outreach Materials, Contracts		
Universities & Colleges		Research Reports & Studies, Area Plans, Monthly Financial Reports, Cash Requests, Request for Products/Services	-->	
	<--	Contracts, Notification of Grant Awards, Invoices/Payments, Funding Limits		
Federal & State Government		State Plans, Regulation Processing, Funding Allocations, SPRDIA Verification, Data Downloads	-->	
	<--	State Plans, Regulation Processing, Testimony, Number of Meals Served, Number of CARE and Med-Admin Assessments, Financial Reporting, Program Reports, Invoices/Payments, State Program Report (SPR), SPRDIA Verification		
Other State Agencies		Regulation Processing, Coorespondesnce Signatures, Administrative Hearings, Funding Allocations, Area Plans, Monthly Financial Reports, Cash Requests, Inventory-related Information, Leases for Facilities, Security, Facility Demographics, Mailing Labels, C	-->	
	<--	Regulation Processing, Coorespondence Signatures, Number of SCA Services Performed, Invoices/Payments, Notification of Grant Awards, Funding Limits, Contracts, Leases, Security, Facility Demographics, Mailing Labels, Custom Reports		
Law Firms		Task Orders	-->	
	<--	Contracts		

Aging, Department on (continued)

Business Partner		INPUT / OUTPUT		AGENCY
			-->	KDOA
	<--			
SRS		Information on ICM/MR facilities and Nursing Facilities for Mental Health. Articles for Sunflower Connection. Communications on enforcement actions of mental health facilities and complaint referrals. Utilization Reviews. MARS Report.	-->	
	<--	Information on ICM/MR facilities and Nursing Facilities for Mental Health. Articles for Sunflower Connection. Communications on enforcement actions of mental health facilities and complaint referrals. Utilization Reviews.		
KDHE		Health Occupations Credentialing. Information related to licensed administrators, dieticians, CNAs and CMAs. Persons on prohibited individuals listing from background checks and certification status. Results of approved CNA/CMA course providers.	-->	
	<--	Health Occupations Credentialing. Survey schedules through ACCESS. Survey data and enforcement information through ASPEN. Electronic documents and complaint referrals.		
State Fire Marshall		Results of life safety code surveys under contract. Survey schedules, results and enforcement information through ACCESS and ASPEN. Electronic documents and complaint referrals.	-->	
	<--	Licensing and certification of adult care homes requiring fire marshall approval. Survey schedules, results and enforcement information through ACCESS and ASPEN. Electronic documents and complaint referrals.		
CMS		Oversight of Medicare/Medicaid survey process, monitoring and evaluation. Certification surveys and enforcement action. Correspondence regarding enforcement data collection from survey and certification, Workload Data, Pending Survey Reports, Custom Reports. Budget approval.	-->	
	<--	Results of Medicare/Medicaid certification surveys and enforcement action. Correspondence regarding enforcement data collection from survey and certification, Workload Data, Pending Survey Reports, Custom Reports. Budget Requests.		
Health Care Associations		Questions regarding Regulations, Conference updates	-->	
	<--	Survey outcomes, presentation handouts, Grant applications.		
Kansas Adult Care Homes		Semiannual and Annual Reports, Facility Demographics, Custom Reports, license application and amendments.	-->	
	<--	Information about MDS workshops. Articles for Sunflower Connection, Facilities Demographics, Custom Reports, consultation and regulatory oversight.		
Board of Pharmacy		Consultation on pharmacy role in Long Term Care.	-->	
	<--	Questions regarding medications and pharmacy role in Long Term Care.		
Legislature		Request for Information	-->	
	<--	Facility Demographics, Custom Reports		
Census Bureau		Data Downloads	-->	
	<--			

Aging, Department on (continued)

Business Partner		INPUT / OUTPUT		AGENCY
				KDOA
KSFMNP		Survey and Report on Survey Results, Check Logs, Request and Collect Data	->	
	<-	Survey and Report on Survey Results, Check Logs, Request and Collect Data		
Bureau of Economic		Data Downloads	->	
	<-			
EDS		Customer Data Downloads & Medicaid Provider Download	->	
	<-	Customer Data Uploads		
Personnel Services		Job Classes, Salary Schedules, Payroll Information	->	
	<-	Requests for Position Action, Appointment Information, Class Studies		
SHARP		Salary Reporting, Position Status Reports	->	
	<-	Payroll, Demographic and Pay Rate Data		
STARS		Monthly Reports, Periodic and Annual Ad Hoc Data, Interfunds, Invoices, Contracts	->	
	<-	Account Creation and Verification, Interfunds, Requests for Payments		
Legislative Research		Legislative Feedback, Information Requests	->	
	<-	Budget Detail, Testimony, Research Data		
Governor's Policy		Public Input, Requests for Information	->	
	<-	Legislative Testimony, Responses to Inquiries, Information Alerts		
Constitutents Groups		Provider and Consumer Concerns, Policy Requests	->	
	<-	Agency Position Information, Policy Initiatives		
Meyers & Stauffer		Monthly Statistical Reports, Research Data, Medical Payment Calculations, Purchase Manuals and Database Access Meetings	->	
	<-	Questions regarding MDS Data, Meetings		
Contractors & Vendors		Web Service, Billing, Reports, Requests for Payment, Bid Information	->	
	<-	Contracts, Payments, Bid Information, Purchase Orders, Mailing Labels, Facility Demographics, Custom Reports		
County Agencies		Area Plans, Monthly Financial Reports, Cash Requests	->	
	<-	Notification of Grant Awards, Invoices/Payments, Funding Limits		
State Budget Division		Budget Instructions, Recommendations, Guidelines	->	
	<-	Budget Requests, Supporting Materials, Caseload Estimates		
Law Enforcement		Notices from Attorney General's Office & Law Enforcement Agencies	->	
	<-	Work with Attorney General's Office & Law Enforcement on Abuse, Neglect and Exploitation Reports, Information Requests		
			->	
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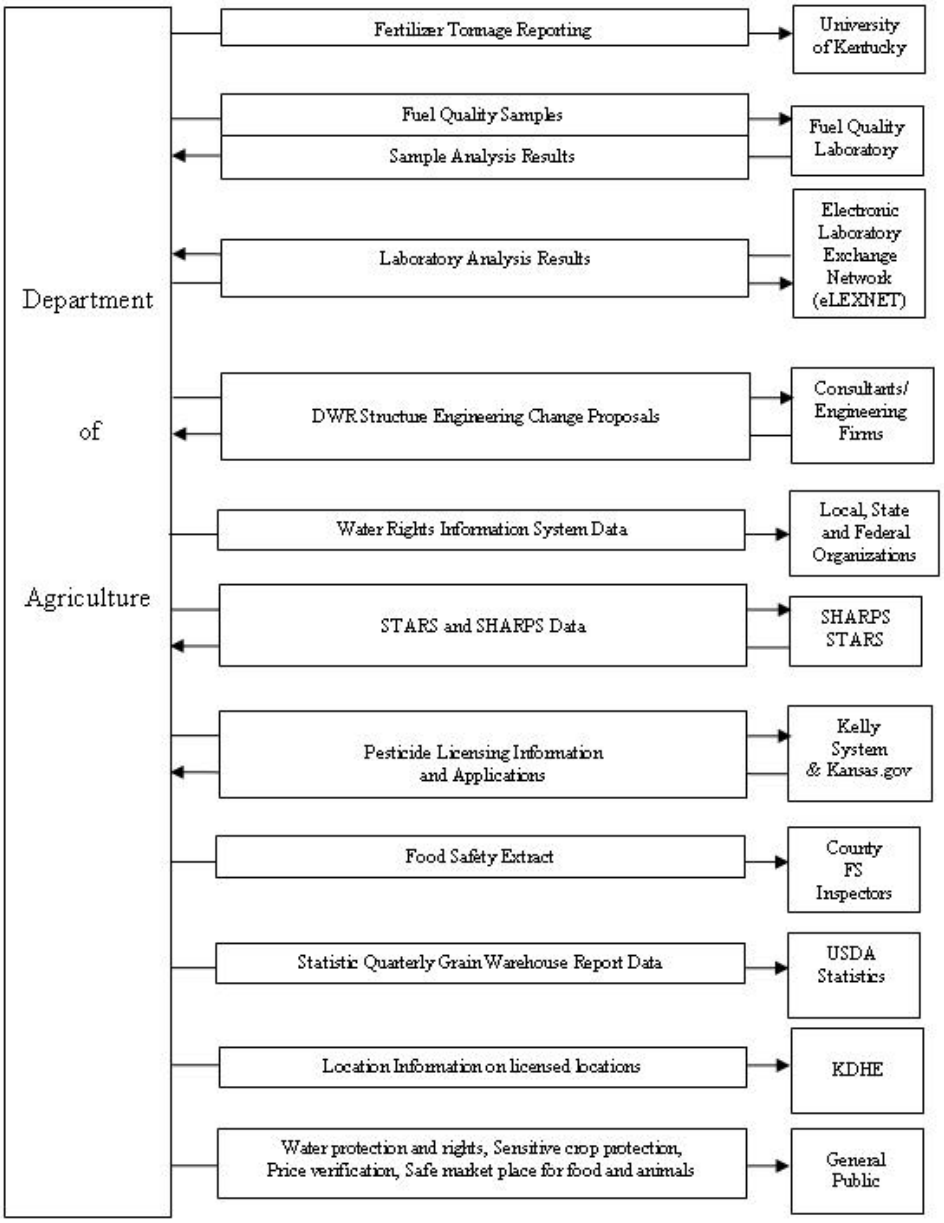
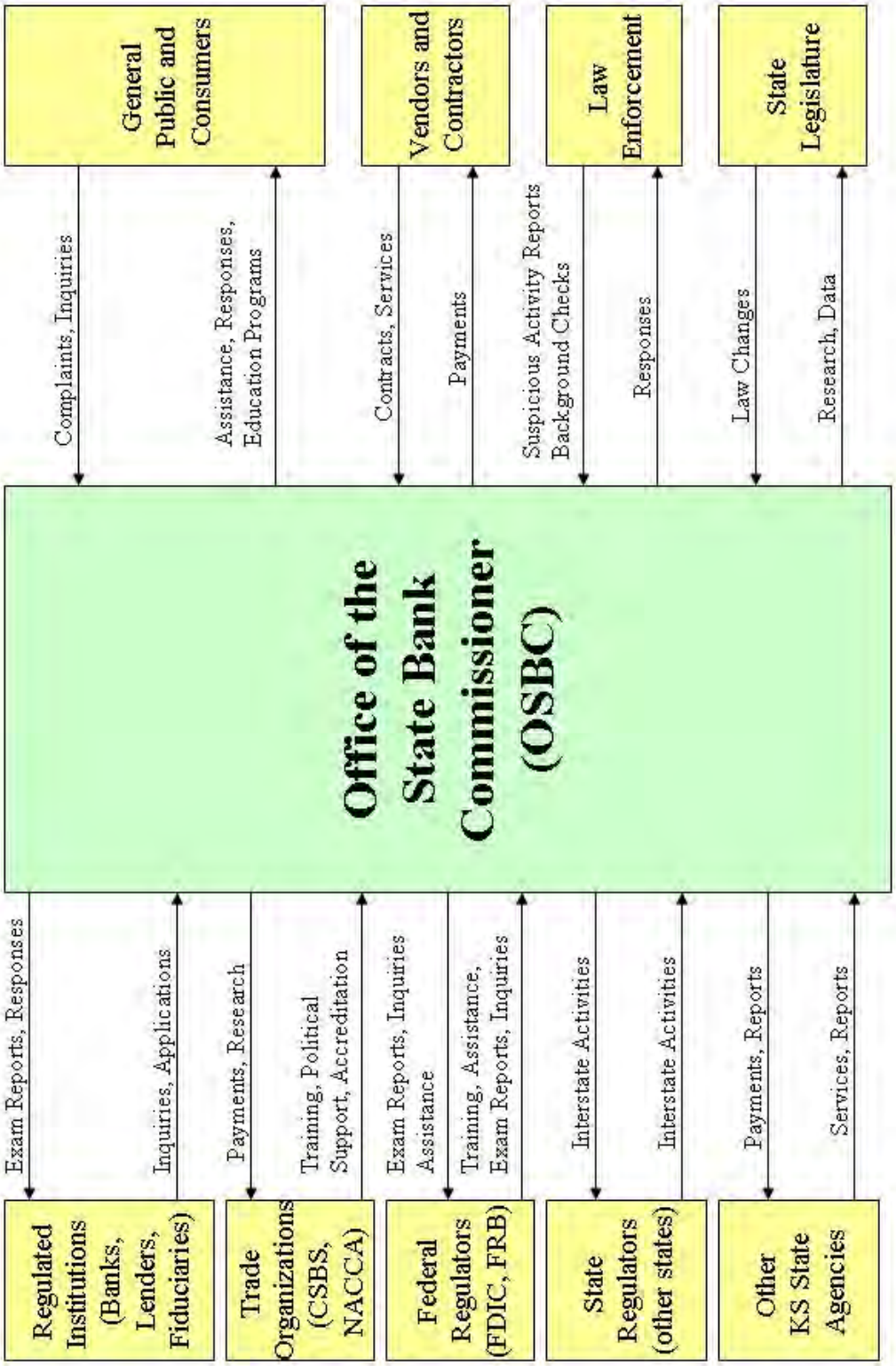
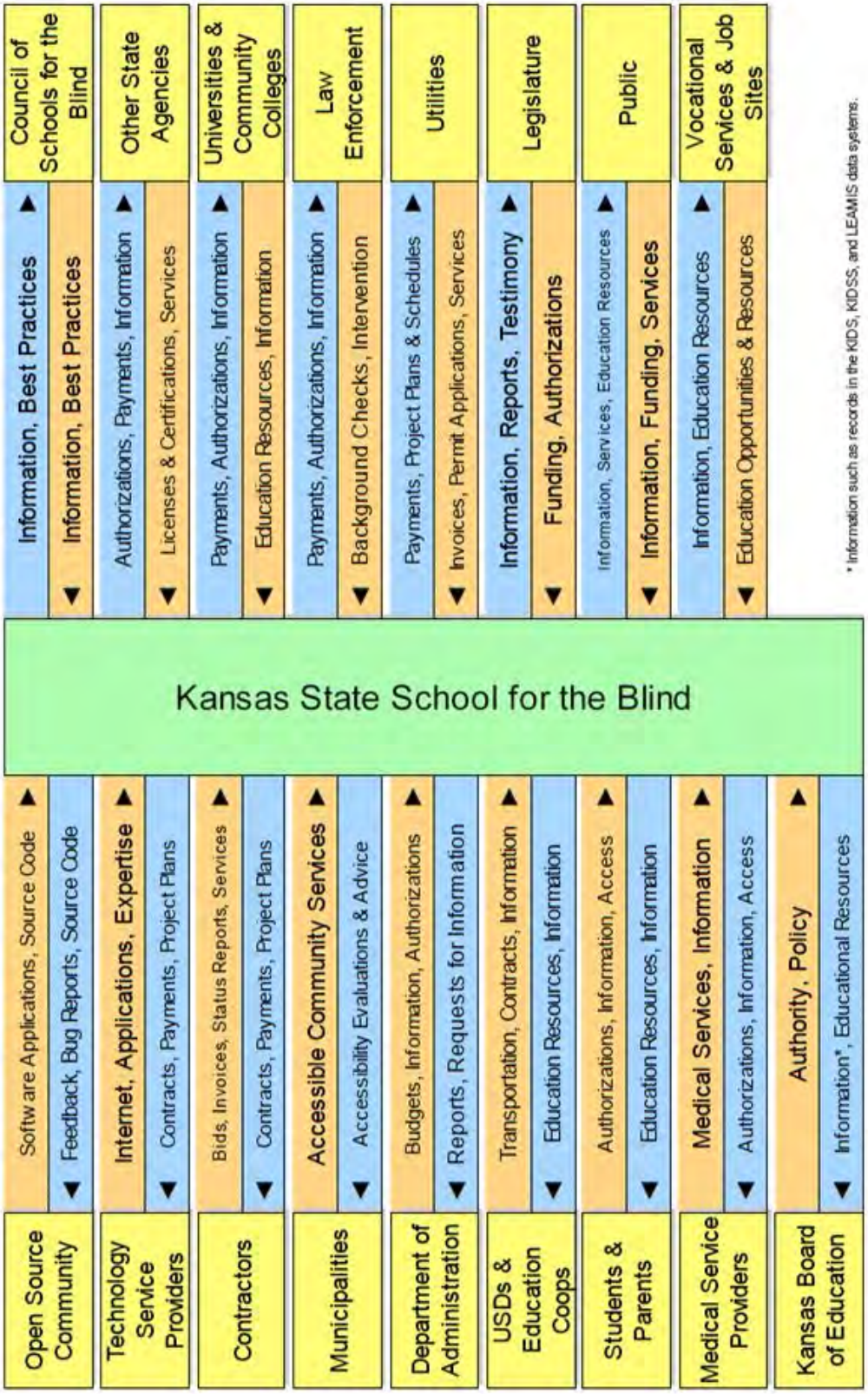
Agriculture, Department of



Bank Commissioner, Office of the State



Blind, School for the



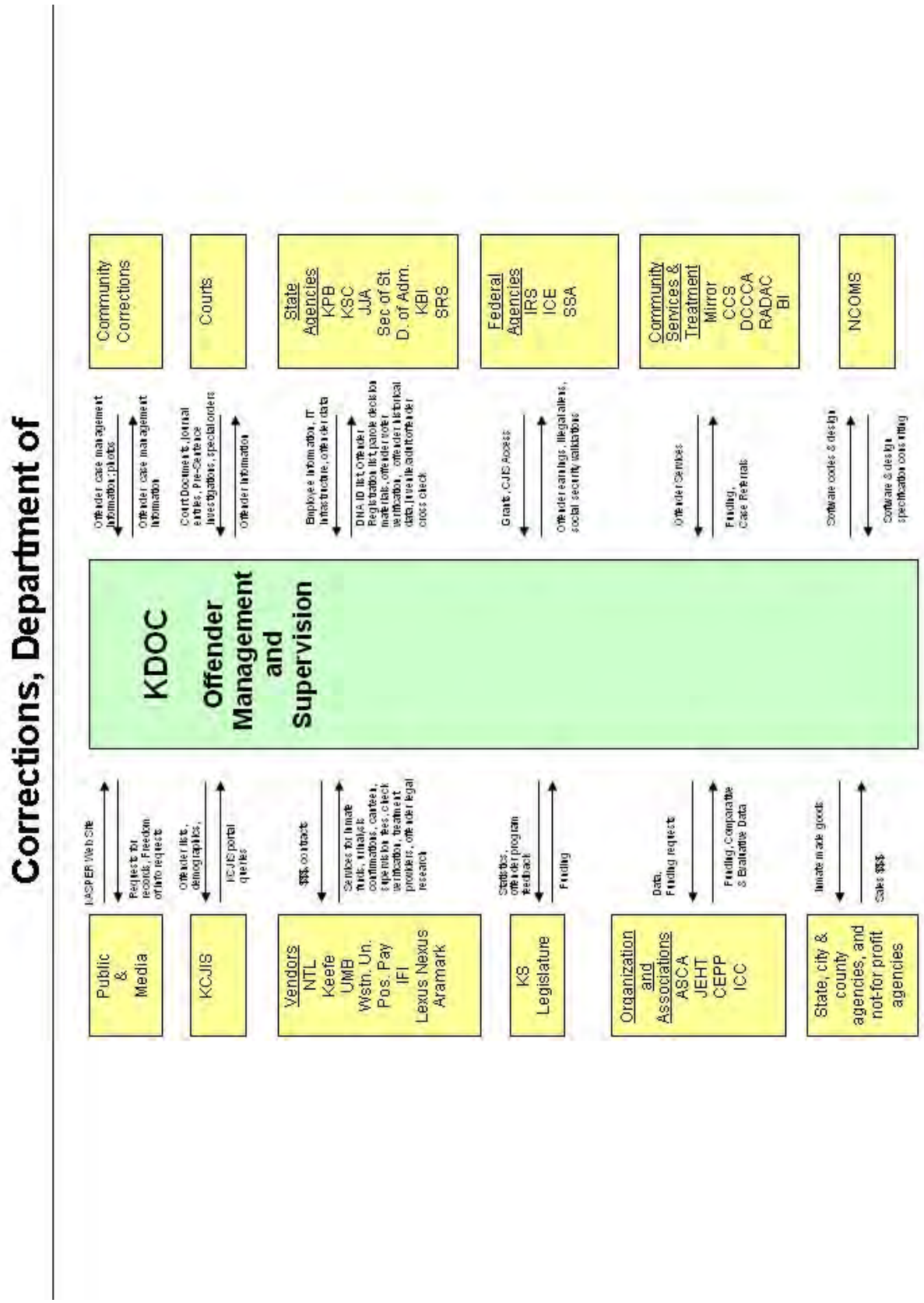
Commerce, Department of

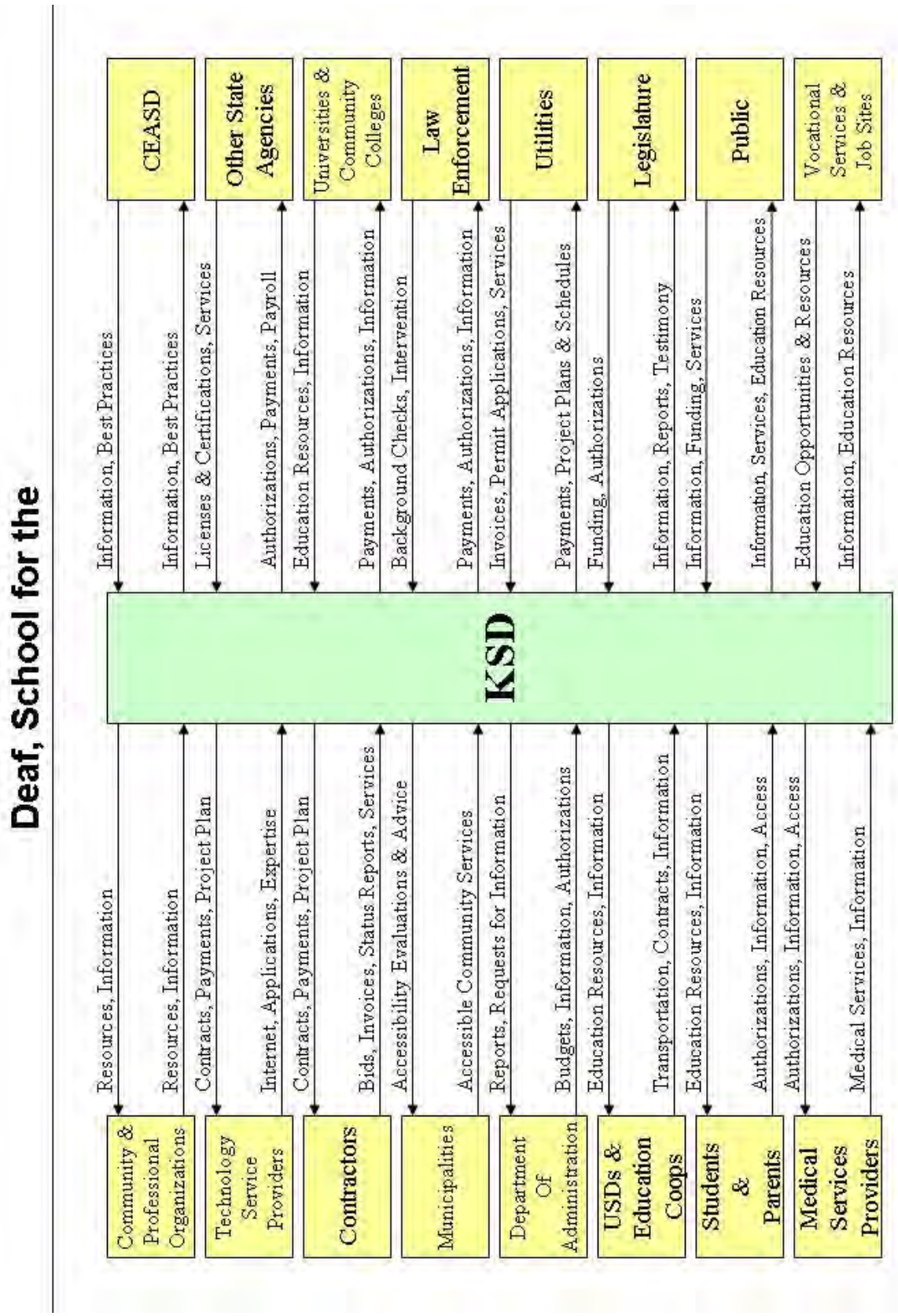
CONTACT POINTS		INPUT OUTPUT	
Job Seeker	<	Resume Assistance, Job Referrals, Employment Counseling, Job Training	<
Businesses	<	Economic Growth Incentives, Export Assistance International Market Support International Representatives	<
AgriBusinesses	<	Technical Assistance, Information, Research, Outreach Services, International Marketing, Domestic Marketing Ag Innovation center	<
International Business	<	Aerospace Support	<
Film Industry	<	Growth Incentives	<
Startup Businesses	<	Expert Advice, Start-up Capital, Assistance Centers Technical Resources, Export Assistance Small Business Centers	<
Minority and Women Owned Businesses	<	Expert Advice, Start-up Capital, Assistance Centers Technical Resources, Export Assistance Certification	<
Communities	<	Community Development Block Grants Tax Credits Redevelopment Programs	<
Dept of Revenue	>	Funding and Certification	>
DISC	>	Computer Services	>

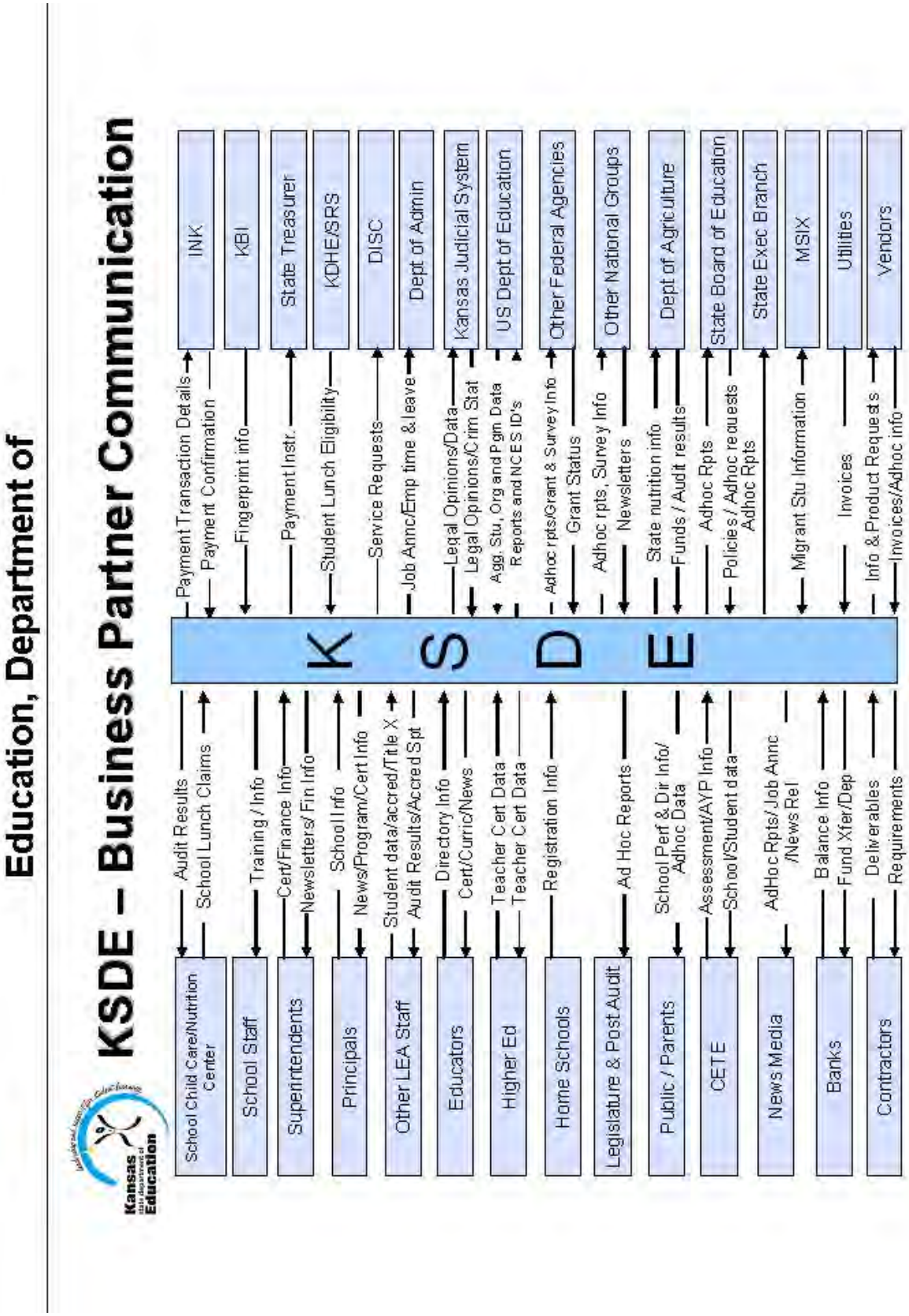
COMMERCE

Corporations Commission, Kansas

Business Partner		INPUT / OUTPUT		AGENCY
Public		Inquiries, Complaints	--->	KCC -Conservation Division
	<---	Information, Inspections, Intent to Drill Daily Reports		
Oil & Gas Operators/Contractors		Well Reports(Intent to Drill, Completion Reports, Plugging Reports, Oil/Gas Tests, etc), Licensing, Production Information	--->	
	<---	Well Permitting, Licenses, Production Allowables, Lease Inspections, Enforcement Action, Injection Well Regulation, Gas Storage Regulation		
Gas Gatherers		Quarterly Gas System Reports, Maps Inquiries	--->	
	<---	Information		
Environmental Protection Agency		Federal Matching Funds, Regulations	--->	
	<---	Inspections & Testing, Reporting, Oversight, Injection Well Permiting		
Kansas Water Office		Water Permitting	--->	
	<---	Water Permitting		
State Conservation Commission		Water Permitting	--->	
	<---	Water Permitting		
Ks Board of Agriculture - DWR		Water Well Location Information, Environmental Assessment Notices	--->	
	<---	Injection Well Siting, Area Reviews for Environmental Assesments		
Kansas Geologic Survey		Lease Informaiton, Topographic/County Maps, Well Document Images	--->	
	<---	Well Information, Operators, Well Document Images		
Kansas Geologic Society			--->	
	<---	Well Logs & Cores, Drill Stem Tests, Geological Reports		
Judicial Branch		Decisions	--->	
	<---	Appeals, Information, Pleadings		
Private Attorneys		Dockets, Pleadings, Briefs	--->	
	<---	Orders		
Counties/Cities		Leases, Landowners	--->	
	<---			
Ks Department of Revenue		Production Information, Lease Information	--->	
	<---	Oil & Gas Operator Information, Lease Transfers		
Ks Department of Transportation		Inquiries	--->	
	<---	Maps, Well Locations		
Independent Oil & Gas Service, Inc. (Morrison)		Well Scout Cards	--->	
	<---	Intent to Drill, Completion Reports, Licensing		
Department of Energy Management			--->	
	<---	Spill Data		
Ks Department of Health & Environment		Complaints Resolution	--->	
	<---	Spill Data, Complaints Resolution		
DASC (Data Access & Support Center)		Quad Maps	--->	
	<---			


Corrections, Department of
KDOC
Offender Management and Supervision
Public & Media
JASPER Web Site
Requests for records, Freedom of Info requests
KCJIS
Offender list, demographics,
KCJIS portal queries
Vendors
NTL
Keefe
UMB
Wsth. Un.
Pos. Pay
IFI
Lexus Nexus
Aramark
$$$, contracts
Services for inmate funds, inhalant confirmations, canteen, supervision fees, check verification, treatment providers, offender legal research
KS Legislature
Statistics, offender program feedback
Funding
Organization and Associations
ASCA
JEHT
CEPP
ICC
Data, Funding requests
Funding, Comparative & Bailiative Data
State, city & county agencies, and not-for profit agencies
Inmate made goods
Sales $$$
Community Corrections
Offender case management information; parolees
Offender case management information
Courts
Court Documents, Journal entries, Pre-Sentence investigations, special orders
Offender information
State Agencies
KPB
KSC
JJA
Sec of St.
D. of Adm.
KBI
SRS
Employee information, IT infrastructure, offender data
DNA ID list, Offender Registration list, parole decisions made lists, offender order verification, offender historical data, juvenile adult offender cross check
Federal Agencies
IRS
ICE
SSA
Grant, CJIS Access
Offender earnings, illegal aliens, social security validations
Community Services & Treatment
Mirror
CCS
DCCCA
RADAC
BI
Offender Services
Funding, Case Referrals
NCOMS
Software codes & design
Software & design specification consulting


Deaf, School for the
KSD
Community & Professional Organizations
Resources, Information
Resources, Information
Technology Service Providers
Contracts, Payments, Project Plan
Internet, Applications, Expertise
Contractors
Contracts, Payments, Project Plan
Bids, Invoices, Status Reports, Services
Municipalities
Accessibility Evaluations & Advice
Accessible Community Services
Department Of Administration
Reports, Requests for Information
Budgets, Information, Authorizations
USDs & Education Coops
Education Resources, Information
Transportation, Contracts, Information
Students & Parents
Education Resources, Information
Authorizations, Information, Access
Medical Services Providers
Authorizations, Information, Access
Medical Services, Information
CEASD
Information, Best Practices
Information, Best Practices
Other State Agencies
Licenses & Certifications, Services
Authorizations, Payments, Payroll
Universities & Community Colleges
Education Resources, Information
Payments, Authorizations, Information
Law Enforcement
Background Checks, Intervention
Payments, Authorizations, Information
Utilities
Invoices, Permit Applications, Services
Payments, Project Plans & Schedules
Legislature
Funding, Authorizations
Information, Reports, Testimony
Public
Information, Funding, Services
Information, Services, Education Resources
Vocational Services & Job Sites
Education Opportunities & Resources
Information, Education Resources

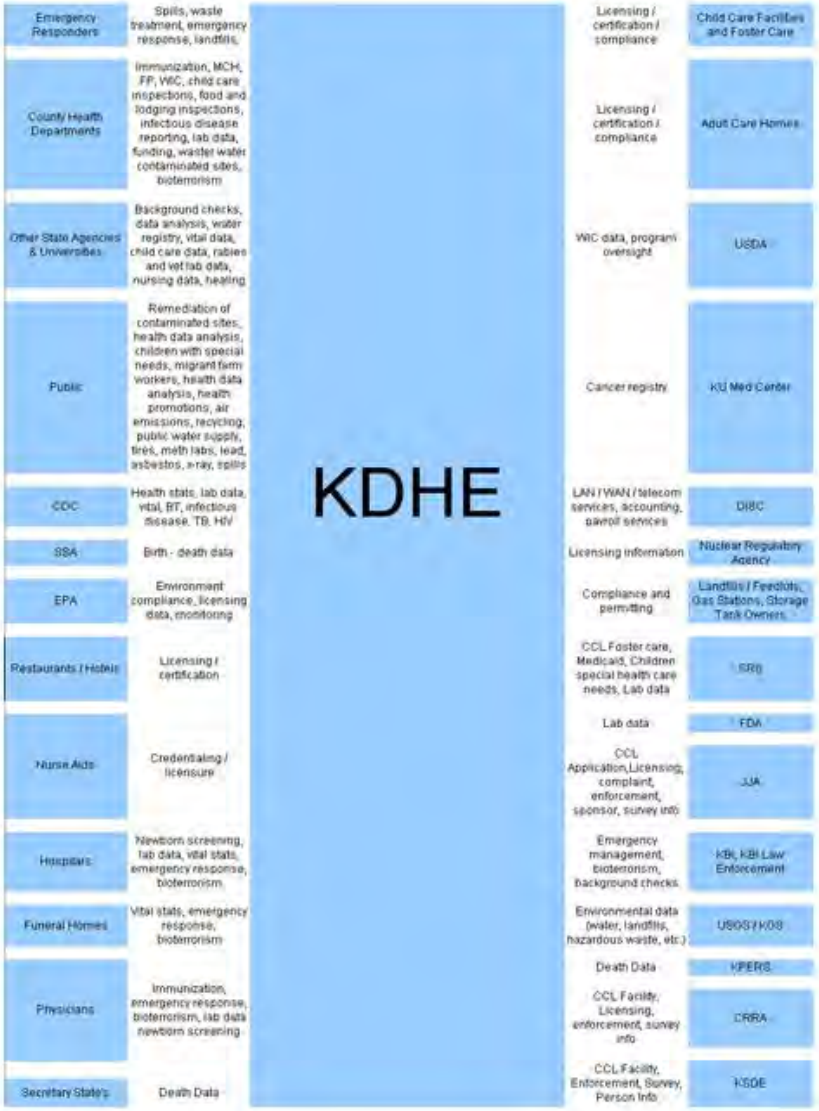

Education, Department of
KSDE – Business Partner Communication
Kansas State Department of Education
K S D E
School Child Care/Nutrition Center
School Staff
Superintendents
Principals
Other LEA Staff
Educators
Higher Ed
Home Schools
Legislature & Post Audit
Public / Parents
CETE
News Media
Banks
Contractors
Audit Results
School Lunch Claims
Training / Info
Cert/Finance Info
Newsletters/ Fin Info
School Info
News/Program/Cert Info
Student data/accred/Title X
Audit Results/Accred Spt
Directory Info
Cert/Curric/News
Teacher Cert Data
Teacher Cert Data
Registration Info
Ad Hoc Reports
School Perf & Dir Info/ Adhoc Data
Assessment/AYP Info
School/Student data
AdHoc Rpts/ Job Annc /News Rel
Balance Info
Fund Xfer/Dep
Deliverables
Requirements
Payment Transaction Details
Payment Confirmation
Fingerprint info
Payment Instr.
Student Lunch Eligibility
Service Requests
Job Annc/Emp time & leave
Legal Opinions/Data
Legal Opinions/Crim Stat
Agg. Stu, Org and Pgm Data
Reports and NCES ID's
Adhoc rpts/Grant & Survey Info
Grant Status
Adhoc rpts, Survey Info
Newsletters
State nutrition info
Funds / Audit results
Adhoc Rpts
Policies / Adhoc requests
Adhoc Rpts
Migrant Stu Information
Invoices
Info & Product Requests
Invoices/Adhoc info
INK
KBI
State Treasurer
KDHE/SRS
DISC
Dept of Admin
Kansas Judicial System
US Dept of Education
Other Federal Agencies
Other National Groups
Dept of Agriculture
State Board of Education
State Exec Branch
MSIX
Utilities
Vendors

Fire Marshal Office, State

Business Agency Partners	Input Output
Other State Agencies	inspections, statistics, billings, fire department listings
Law Enforcement	investigations, K9 response, polygraph exams, training, regulations, statistics, background checks, testimony
Fire Service	investigations, K9 response, polygraph exams, Training, regulations, statistics, background checks, Fire reports, software support, inspections, videos, Hazmat support, testimony
Colleges	fire department listings, statistics
Non-Profit Agencies	fire department listings, statistics
Oil Companies	fire department listings
Public	reports, statistics, regulations, inspections, licensing, permit applications
Federal agencies	fire department incident reports, healthcare inspections, statistics
Insurance Companies	insurance loss reports, training, testimony, statistics
Fireworks Industry	training, regulations, licensing, statistics, background checks
Explosive Industry	training, regulations, licensing, inspections, statistics, background checks
Lawyers	reports, training, testimony, statistics
Private Investigators	reports, training

KSFM

Health and Environment, Department of



Health Policy Authority, Kansas

KANSAS HEALTH POLICY AUTHORITY - INFORMATION TECHNOLOGY MANAGEMENT AND BUDGET PLAN
SECTION VI - ENTERPRISE BUSINESS PARTNER MODEL

Business Partner	←	INPUT / OUTPUT	→	AGENCY
Conseris - COBRA, Direct Bill and Non-State Group Administrator		Health Insurance Premium Payments collected from Retirees, COBRA and Non-State groups.	→	Kansas Health Policy Authority (KHPA) 2008
	←	Retiree and Non-State Group Eligibility file, COBRA Notification Eligibility File.		
ASI, Flexible Spending Account Manager		ASI sends Claims Expense Report.	→	
	←	Initial Eligibility File, Payroll Deductions from KHPA.		
Health Plans		Claims Payment Reimbursements and Premium Billings are sent from Healthcare Providers.	→	
	←	Weekly and Quarterly Eligibility Files, Premium and Claims Payment Reimbursements.		
MedStat, Data Warehouse Vendor		Reports and Data Analyses.	→	
	←	Workmen's Compensation Claims are sent from KHPA.		
KPERS		KPERS premium amounts are sent to Treasurer and to KHPA.	→	
	←	Direct Bill KPERS premium amounts.		
Corvel, Workmen's Compensation Vendor		File of Adjusted Claims/Bills.	→	
	←	Claims and Electronic Medical and/or Billing Documents.		
EDS, Medicaid Management Information System (MMIS) Fiscal Agent		Managed Care Assignments to Managed Care Organizations, Remittance Advices and Payments to Providers, Eligibility and Claims Extracts to other KHPA Business Partners and Governmental Agencies.	→	
	←	Beneficiary Eligibility, Enrollments, Claims, Encounters, Recoupments, Financial Transactions, Master File Updates, Rate File Updates.		
MAXIMUS, Eligibility Determination Vendor		Beneficiary Eligibility sent to MMIS.	→	
	←	Benefit Applications from KABCSES and/or Beneficiary.		
Kansas Foundation fro Medical Care (KFMC)		Claims Adjustments.	→	
	←	Claims and Payment data.		
HealthCare Management Systems (HMS)		Military Medicaid Eligibility (DEERS).	→	
	←	A/R, Checks, Providers, Eligibility, Medicare Buyin, Policies, Carriers, Claims.		
Fair Isaac, Surveillance and Utilization Vendor			→	
	←	Providers, Beneficiaries, Claims, Lookup Tables.		
First Data Bank (FDB)		Drug Blue Book Information, HCFA Common Procedure Coding System updates (HCPCS).	→	
	←			
ACS - Heritage Information Systems		Providers, Provider Specialties, Eligibility, Level of Care, Claims	→	
	←	Drug Utilization Review (DUR) Information to KHPA, DUR Letters to Providers.		
Managed Care Organizations (MCO): Children's Mercy Family Health Partners, Unicare, Cenpatico Behavioral Health, Value Options, Kansas Health Solutions.		Providers, Encounters, Primary Care Provider (PCP) Assignments.	→	
	←	Beneficiary Assignments, Payment Transactions, Providers, Encounter Rejects, Encounter Batch Control Records.		
Other State Agencies: SRS, KDHE, KDOA, AG's Office, JJA.	←	Various file exchanges occur regularly, and system access capability exists for the purpose of administering the Medicaid system.	→	
Licensure Boards		Professional License Information	→	
	←	Data Requests are sold to KHPA Customers.		
Kansas state Insurance Department		Insurance Carriers send Membership and Claims Data.	→	
	←	Data Reporting to Various Outside Organizations.		
Kansas Hospital Association		Hospital Discharge Information, Claims.	→	
	←			

Highway Patrol

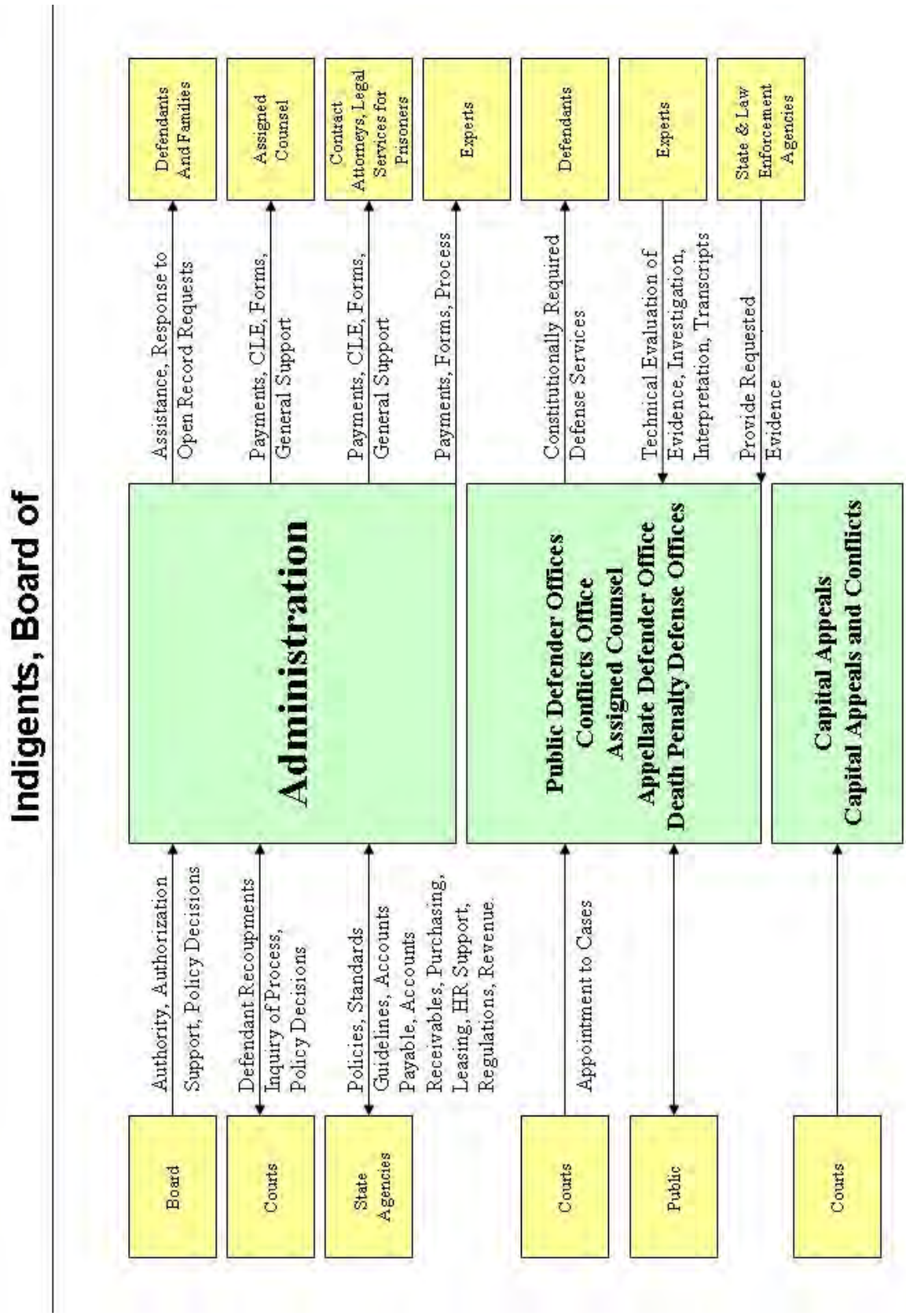
Business Partner		INPUT	-->	AGENCY
	<--	OUTPUT		
Consultants, Vendors, Contractors		Design Plans, Contract work, Invoices, Collaboration	-->	KHP
	<--	Contracts, Payments and Schedules		
Cities		Special Events requests	-->	
	<--	Traffic Control, Law Enforcement assistance		
Counties		Homeland Security Funding distribution, Emergency Management and Special Events requests	-->	
	<--	Homeland Security Funding distribution, Emergency Management and Traffic Control, Law Enforcement assistance		
Federal		Grants, Loans, Commercial Vehicle Information, Inspection Information	-->	
	<--	Commercial Vehicle Reports, Applications, DEA reporting, Crime reporting, Motor Carrier Regulations, Homeland Security		
Kansas Law Enforcement Entities		Road Conditions, Traffic Status, Incident reporting	-->	
	<--	Vehicle Accident Reconstruction, SRT Support, Bomb Squad, Canine Support, Aircraft Support, DEA Support		
Other State Agencies		Statistics, CJIS information sharing	-->	
	<--	Accident and Arrest information, Insurance verification reporting, Vehicle Inspections, Motor Carrier Regulations		
Public		Central Dispatch – Motoring Public	-->	
	<--	Traffic and Law Enforcement – Accident records		
Private Business		Special Events requests	-->	
	<--	Traffic Control, Law Enforcement assistance		

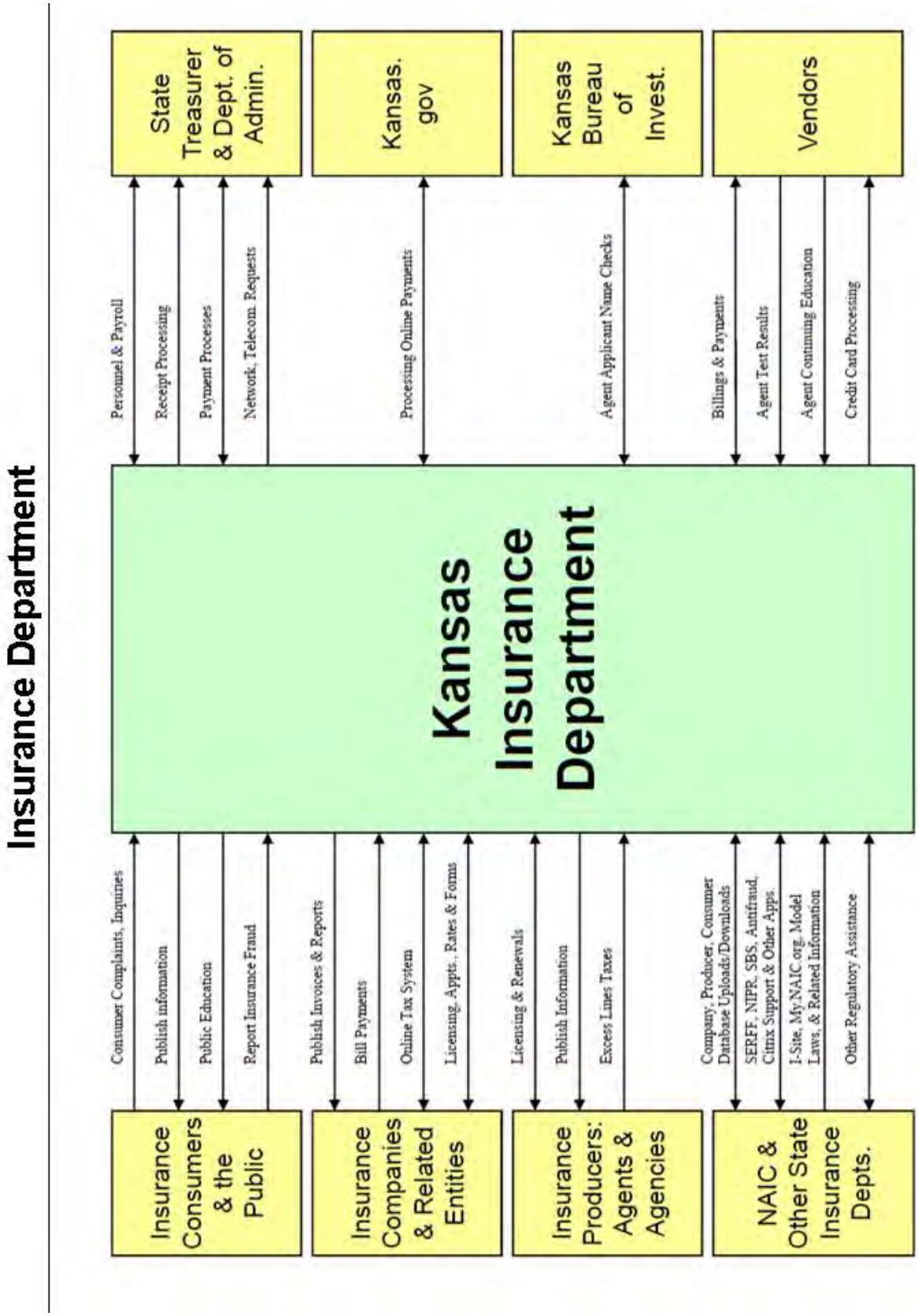
Historical Society, State

Kansas State Historical Society				
Business Partner	**Inputs/Outputs**	Input	Output	Both
State Agencies	Records Retention Schedules			x
	Transfer enduring records to Archives	x		
	Operate the State Records Center to store non current agency records			x
	Preserve electronic publications and records			x
	Perform contract archeology for KDOT		x	
Web users	Find general information about Kansas History		x	
	Find information about materials available for research		x	
	Find information about KSHS programs and services		x	
	Do research using topical information and digitized primary resources		x	
	Enroll for classes, workshops, etc.			x
	Shop at KSHS, Inc. online store			x
Teachers/Students	Participate in teacher workshops		x	
	Use curriculum materials related to Dept. of Education standards		x	
	Use primary resources to enchance the teaching of KS history		x	
Tourists	Visit Kansas Museum of History		x	
	Visit KSHS historic sites		x	
	Use Center for Historical Research		x	
KSHS, Inc. members	Receive publications		x	
	Use services of KSHS		x	
Donors	Donate historical resources (artifacts, books, manuscripts, photos) to KSHS	x		
	Donate funds to KSHS, Inc. to support KSHS programs and Services	x		

Historical Society, State Continued

Kansas adults & families	Learn about Kansas History through publications		x	
	Learn about Kansas History through visits to museum and sites		x	
	Participate in workshops, classes, special events, exhibit openings		x	
Preservationists (structures)	Submit nominations to Natl. and Ks. Register	x		
	Apply for Heritage Trust funds and tax credits			x
	Establish certified local governments to handle preservation issues locally			x
	Submit historic properties survey forms	x		
	Request federal Section 106 and state preservation law reviews			x
Businesses and Communities	Receive technical assistance from KSHS		x	
	Research local history			x
	Support KSHS activities in local community	x		
	Donate funds to assist KSHS	x		
Federal Government	Receive National Register nominations and federal tax credit		x	
	Provide Historic Preservation Fund monies to KSHS	x		
Local Government	Apply for Historic Preservation Fund grants			x
	Receive records management assistance from KSHS		x	


Indigents, Board of
Board
Authority, Authorization
Support, Policy Decisions
Courts
Defendant Recoupments
Inquiry of Process,
Policy Decisions
State Agencies
Policies, Standards
Guidelines, Accounts
Payable, Accounts
Receivables, Purchasing,
Leasing, HR Support,
Regulations, Revenue
Administration
Assistance, Response to
Open Record Requests
Defendants And Families
Payments, CLE, Forms,
General Support
Assigned Counsel
Payments, CLE, Forms,
General Support
Contract Attorneys, Legal Services for Prisoners
Payments, Forms, Process
Experts
Courts
Appointment to Cases
Public Defender Offices
Conflicts Office
Assigned Counsel
Appellate Defender Office
Death Penalty Defense Offices
Constitutionally Required
Defense Services
Defendants
Public
Technical Evaluation of
Evidence, Investigation,
Interpretation, Transcripts
Experts
Provide Requested
Evidence
State & Law Enforcement Agencies
Courts
Capital Appeals
Capital Appeals and Conflicts

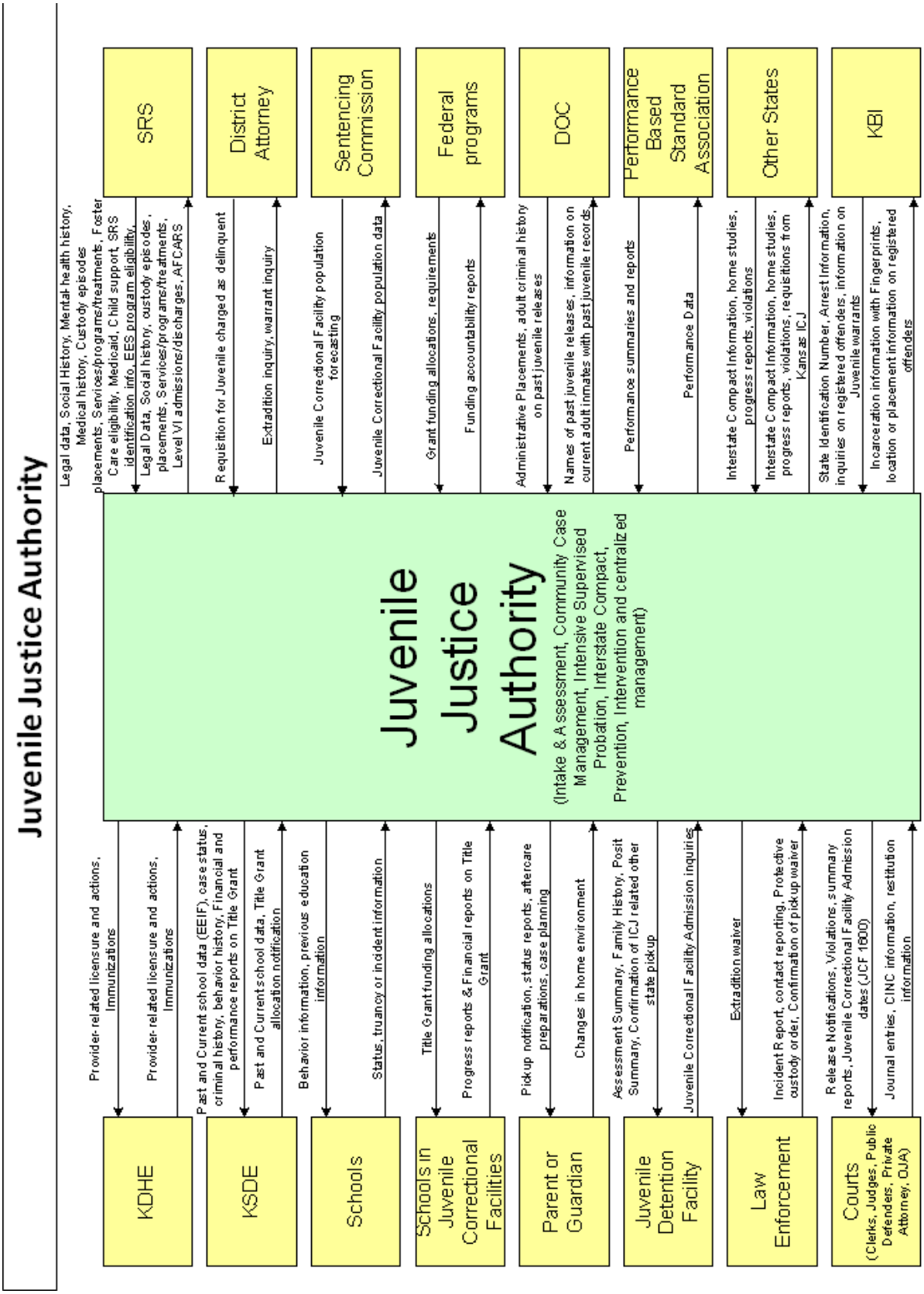

Insurance Department
Kansas Insurance Department
Insurance Consumers & the Public
Consumer Complaints, Inquiries
Publish information
Public Education
Report Insurance Fraud
Insurance Companies & Related Entities
Publish Invoices & Reports
Bill Payments
Online Tax System
Licensing, Appts., Rates & Forms
Insurance Producers: Agents & Agencies
Licensing & Renewals
Publish Information
Excess Lines Taxes
NAIC & Other State Insurance Depts.
Company, Producer, Consumer Database Uploads/Downloads
SERFF, NIPR, SBS, Antifraud, Citrix Support & Other Apps.
I-Site, My.NAIC.org, Model Laws, & Related Information
Other Regulatory Assistance
State Treasurer & Dept. of Admin.
Personnel & Payroll
Receipt Processing
Payment Processes
Network, Telecom. Requests
Kansas.gov
Processing Online Payments
Kansas Bureau of Invest.
Agent Applicant Name Checks
Vendors
Billings & Payments
Agent Test Results
Agent Continuing Education
Credit Card Processing

Investigation, Kansas Bureau of

Business Partner		INPUT / OUTPUT	--> / <--	AGENCY
ASCLAD	-->	Protocols, Procedures, Standards, Certification, Audits	-->	Kansas Bureau of Investigation
	<--	Inspectors for auditing other labs	<--	
Attorney General	-->	Private Investigator Licensing Results, Concealed Carry record requests, Legal Support,Prosecution Services, Legal Advice, Legislation	-->	
	<--	Private Investigator License Request, Concealed Carry record checks, Statistics, Investigative Services, Disposition Reports, Results of Investigations, Legislation	<--	
Coroners	-->	Investigative Reports, Services	-->	
	<--	Investigative Services, Reports	<--	
County Jails	-->	Fingerprints, Booking information, DNA Samples	-->	
	<--	In Custody Death Investigations, Fingerprint processing, Confirmation of identity	<--	
Courts	-->	Case Dispositions, Evidence Disposition Orders, Fee Funds, Docket Fees	-->	
	<--	KCJIS Access, Criminal History data, Professional testimony, Results of lab/investigation analysis	<--	
DASC - KU GIS	-->	Mapping Services	-->	
	<--	GIS Data	<--	
Employers	-->	Record Check Fees	-->	
	<--	Record Checks	<--	
Federal Labs (DEA, FBI, etc...)	-->	Analysis Results	-->	
	<--	Evidence for Analysis	<--	
Federal Law Enforcement	-->	Access Federal systems, Intelligence, Investigative Support, Asset Forfeiture, Evidence for Analysis, Gang/Terrorist Data	-->	
	<--	Incident data, Registered Offender data, Involuntary Commitment data, CODIS (DNA) data, Arrest Data, Warrants, Fingerprints, Intelligence, Investigative Support, Analysis Results, Crime Scene Services, Advice, Protocols, Training	<--	
Federal Prosecutors	-->		-->	
	<--	Analysis Results, Professional Testimony	<--	
Grants	-->	Funding, Equipment, Services, Resources	-->	
	<--	Process Reports	<--	
INK	-->	Web Hosting	-->	
	<--	Public Info, Fees, Registered Offender Data	<--	
JJA	-->	Disposition Reports, Confinement Info, Offender Registration Info	-->	
	<--	KCJIS Access	<--	
KCJIS	-->	Standards, Access to Data, Guidance, Funding	-->	
	<--	Committee Representation, Space, Equipment, Programming, Tech Support, Cost avoidance, Access to Data, Guidance, Help Desk	<--	
KDEM	-->	Emergency Management Structure	-->	
	<--	Emergency Management Support	<--	
KDHE	-->	Lab Services, Clandestine Lab Clean-up, Evidence for Analysis, Analysis Results	-->	
	<--	Evidence for Analysis, Analysis Results	<--	
KDOC	-->	Confinement Information, Mug Shots, Offender Registration information	-->	
	<--	In Custody Death Investigations, Confinement information	<--	
KDOR	-->	Kansas ID Photos, Vehicle Registration, Fingerprints for HAZMAT Record Checks, Tax Stamp Support, Assessments	-->	
	<--	Offender Registration Information	<--	
Legislature	-->	Statutes/Statutory requirements	-->	
	<--	Statistics, Guidance, Fiscal information	<--	
Local Labs	-->	Evidence for Analysis	-->	
	<--	Analysis Results, Expertise, Advice	<--	

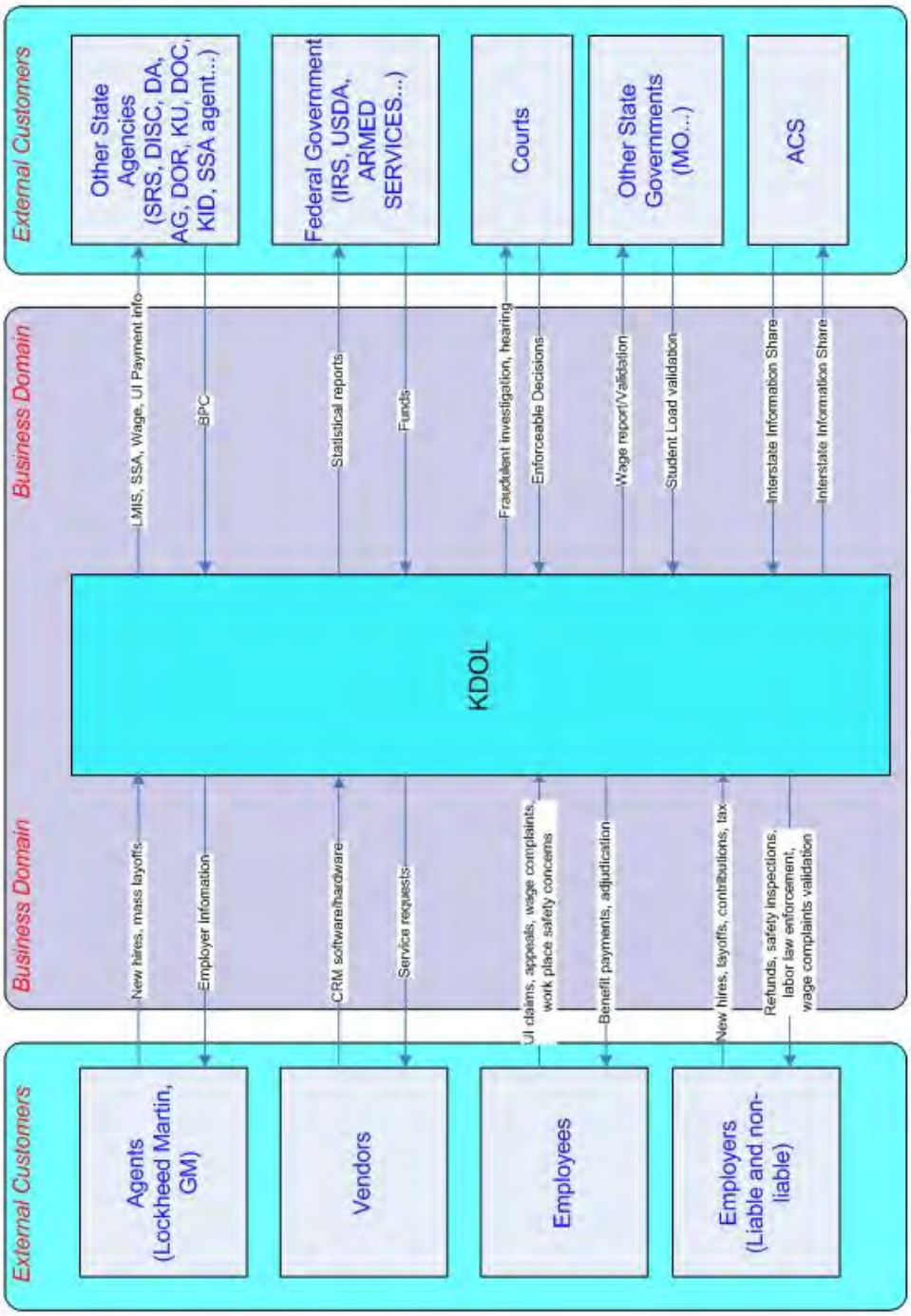
Judicial Branch

Business Partner		INPUT / OUTPUT	-->	AGENCY
Public	-->	Case filings, motions, requests for information	-->	Judicial Branch
	<--	Case dispositions, information		
County/District Attnys	-->	Case filings	-->	
	<--	Case dispositions		
Contractors	-->	Bids, Invoices, Status Reports	-->	
	<--	Requests for Bids, Contracts, Plans, Change Orders		
KDOR	-->	Information, Physical Appearance, Verification of Records	-->	
	<--	RFI, Subpoenas		
KDOC	-->	Offender information	-->	
	<--	Court documents, journal entries, PSIs, special orders		
KSDE	-->	Legal Opinions/Data	-->	
	<--	Legal Opinions/Criminal Statistics		
KDOL	-->	Fraudulent investigation, hearings	-->	
	<--	Enforceable Decisions		
Other State Agencies	-->	Information / Requests for information	-->	
	<--	Information / Requests for information		


Juvenile Justice Authority
Juvenile Justice Authority
(Intake & Assessment, Community Case Management, Intensive Supervised Probation, Interstate Compact, Prevention, Intervention and centralized management)
KDHE
Provider-related licensure and actions, Immunizations
Provider-related licensure and actions, Immunizations
KSDE
Past and Current school data (EEIF), case status, criminal history, behavior history, Financial and performance reports on Title Grant
Past and Current school data, Title Grant allocation notification
Schools
Behavior information, previous education information
Status, truancy or incident information
Schools in Juvenile Correctional Facilities
Title Grant funding allocations
Progress reports & Financial reports on Title Grant
Parent or Guardian
Pickup notification, status reports, aftercare preparations, case planning
Changes in home environment
Juvenile Detention Facility
Assessment Summary, Family History, Posit Summary, Confirmation of ICJ related other state pickup
Juvenile Correctional Facility Admission inquiries
Law Enforcement
Extradition waiver
Incident Report, contact reporting, Protective custody order, Confirmation of pickup waiver
Courts
(Clerks, Judges, Public Defenders, Private Attorney, OJA)
Release Notifications, Violations, summary reports, Juvenile Correctional Facility Admission dates (JCF 1600)
Journal entries, CINC information, restitution information
SRS
Legal data, Social History, Mental-health history, Medical history, Custody episodes placements, Services/programs/treatments, Foster Care eligibility, Medicaid, Child support, SRS identification info, EES program eligibility.
Legal Data, Social history, custody episodes, placements, Services/programs/treatments, Level VI admissions/discharges, AFCARS
District Attorney
Requisition for Juvenile charged as delinquent
Extradition inquiry, warrant inquiry
Sentencing Commission
Juvenile Correctional Facility population forecasting
Juvenile Correctional Facility population data
Federal programs
Grant funding allocations, requirements
Funding accountability reports
DOC
Administrative Placements, adult criminal history on past juvenile releases
Names of past juvenile releases, information on current adult inmates with past juvenile records
Performance Based Standard Association
Performance summaries and reports
Performance Data
Other States
Interstate Compact Information, home studies, progress reports, violations
Interstate Compact Information, home studies, progress reports, violations, requisitions from Kansas ICJ
KBI
State Identification Number, Arrest Information, inquiries on registered offenders, information on Juvenile warrants
Incarceration information with Fingerprints, location or placement information on registered offenders

Labor, Department of

KDOL Enterprise Business Partner Model



Legislature

Business Partner	Input/Output	Agency
Public	Bill text, bill status, supplemental documents, calendars, journals, statutes, audit reports, summary of legislation, legislator data	Revisor, Research, House Clerk, Senate Secretary, Post Audit, Legislative Administrative Services
Kansas.gov	Bill text, bill status, supplemental documents, calendars, journals, statutes, audit reports, summary of legislation, legislator data	Revisor, Research, House Clerk, Senate Secretary, Post Audit, Legislative Administrative Services
Secretary of State	Statutes	Revisor, House Clerk, Senate Secretary, State Printer

Library, State

STATE LIBRARY OF KANSAS				
Business Partner		INPUT-->	-->	AGENCY
	<--	<--OUTPUT		
Kansas Residents		Information/material requests, user feedback, complaints, program & service suggestions, contributions to Blue Skyways website	-->	STATE LIBRARY
	<--	Library & Information Resources and Services, Marketing and promotion of libraries		
Legislature		Information/material requests, user feedback, complaints, program & service suggestions	-->	
	<--	Library & Information Resources and Services; Research, data and analysis; background in current library topics and library history		
State Government		Information/material requests, user feedback, complaints, program & service suggestions, business and personnel systems and information, contributions to Blue Skyways website, regulatory compliance/enforcement	-->	
	<--	Library & Information Resources and Services; Research, data and analysis;		
Kansas Libraries		Information/material requests, user feedback, complaints, program & service suggestions, grant applications and reports, statistical reports, invoices and payments, contributions to Blue Skyways website	-->	
	<--	Library & Information Resources, Consulting, Continuing Education and Training, Grants-in-aid, Summer reading program materials		
Vendors		Library materials and services, consultation, hardware, software, contractual services	-->	
	<--	Proposal / bid requests; facilitation of statewide/consortial purchases; payments		
Kansas organizations		Information/material requests, user feedback, complaints, program & service suggestions, contributions to Blue Skyways website	-->	
	<--	Library & Information Resources and Services, Marketing and promotion of libraries		
Other organizations		Information/material requests, user feedback, complaints, program & service suggestions	-->	
	<--	Library & Information Resources and Services, Marketing and promotion of libraries		
Other states		Information/material requests, user feedback, complaints, program & service suggestions	-->	
	<--	Library & Information Resources and Services, Marketing and promotion of libraries		
State Government Kansas Libraries KS Organizations Other orgs/ states	<--	Collaborative Projects	-->	

Lottery, Kansas State

Business Partner	INPUT / OUTPUT	AGENCY
GTECH	Online game auditing Instant ticket validation and inventory control Draw information	KANSAS LOTTERY
Ticket Printers	Working papers Validation and inventory files	
MUSL	Draw information	
Bank	Bank reconciliation Fraud prevention program	
Retailers	Applications Contracts Sales Material Billing and collections	
Div of Budget	Budget documents	
Purchasing Division	RFPs	
Div of Accounts/Reports	Voucher Accounting Reports Set Off Program	
Ad Agency	Job requests Proposals Radio and TV Spots Artwork	

Nursing Board, Kansas

Business Partner		INPUT	-->	AGENCY
	<--	OUTPUT		
Public		Discipline Reports, Records Requests	-->	KSBN
	<--	KANN, Verification Database, Licensure Data		
Universities and Colleges		Basic Program Information	-->	
	<--	Research, Online Education Annual Report, Consulting		
Law Enforcement		Background Checks, Traffic Records, Attorney General	-->	
	<--	Attorney General, Licensure Data		
Other State Agencies		Invoices	-->	
	<--	Licensure Data, Workforce Data, Consulting		
National Council of State Boards of Nursing		National Nursing Data, Research	-->	
	<--	Licensure Data, Healthcare Integrity & Protection Data Bank, Discipline Reported to Nursys		
Pearson VUE		NCLEX Data	-->	
	<--			
KNAP		Statistics	-->	
	<--	Referral of Nurses		
Health Care Related Industries		Discipline Reports	-->	
	<--	Research, Consulting		
Contractors		Bids, Invoices, Status Reports	-->	
	<--	Requests for Bids, Contracts, Plans, Change Orders		

Racing & Gaming Commission, Kansas

Business Partner	<--	INPUT OUTPUT	-->	AGENCY
Racing Commissioners International	<--	Funding/Reports/Data Exchange	-->	KRGC
Racing Commission	<--	Training/Project Plans/Funding Limits/Collaboration	-->	
State Agencies	<--	Payments/Assistance/Collaboration	-->	
Law Enforcement	<--	Payments/Collaboration/Inspections	-->	
Other States	<--	Information/Verification/Reciprocity	-->	
Universities and Colleges	<--	Grants/Status Reports/Research	-->	
Racing Tracks	<--	Status Reports/Safety/Bids/Contracts	-->	
Charities	<--	Funding/Bids	-->	
Licensees	<--	Invoices/Data Tracking/License Applications	-->	
Horse Entities	<--	Testing/License Applications/Invoices	-->	
Dog Entities	<--	Testing/License Applications/Invoices	-->	
Public	<--	Safety/Incidents/Permits	-->	
Veterinarian	<--	Collaborations/Research Information	-->	
Fair Associations	<--	Collaboration/Permits	-->	
Gaming Commissions	<--	Plans/Reports/Schedules/Inspections	-->	
Testing Laboratories	<--	Invoices/Reports/Collaboration/Drug Testing/Bids	-->	
Indian Tribes	<--	Invoices/Reports/Backgrounds	-->	
Federal Bureau of Indian Affairs	<--	Reports/Assistance/Collaboration	-->	
Casinos	<--	Funding/Reports/Data Exchange/Inspections	-->	

Real Estate Commission

Regents, Kansas Board of

Business Partner		INPUT	-->	AGENCY
	<--	OUTPUT		
Postsecondary Institutions		Data, statistics, recommendations, research, certificate/program/degree program requests, fees	-->	KBOR
	<--	Approvals, policies, procedures, funding		
Contractors, Consultants		Bids, Invoices, Status Reports	-->	
	<--	Requests for Bids, Contracts, Plans, Change Orders		
Legislature		Statutes, funding, recommendations	-->	
	<--	Research, data, funding, testimony, statute revision & requests		
Federal Agencies		Rules, policies, procedures, forms	-->	
	<--	Data, forms		
City Administrators		Approvals, recommendations, forms	-->	
	<--	Site plans, forms		
Other State Boards		Information, policy recommendations, statistical data	-->	
	<--	Information, research, state statistics		
Other State Agencies		Information sharing	-->	
	<--	Research, information sharing, collaboration, technical expertise		
Public		Input, feedback, funding, forms, financial aid applications	-->	
	<--	Degree certification, programs, scholarships		
Organizations			-->	
	<--			

Regents: Emporia State University

Business Partner		INPUT / OUTPUT	AGENCY
Students	←	Tuition Payments, Coursework, Enrollment Requests, Applications, Financial Aid Requests	→ Emporia State University
	→	Bills, Grades, Enrollment Info, Transcripts, Financial Aid Information/Awards, Education	
Parents of Students	←	Tuition Payments, Financial Aid Information	→
	→	Bills	
General Public	←	Financial Support	→
	→	General information on the University, Research Information, Service	
System Vendors	←	Software Applications, Hardware, Bills, Bids, Contracts, Licenses, Documentation, Training	→
	→	Requests for Proposals, Fix Requests, Payments	
Data Vendors	←	Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals	→
	→	Requests for Proposals, Fix Requests, Payments	
Other Kansas Universities	←	Shared Planning Information	→
	→	Shared Planning Information	
State Agencies	←	Shared Services	→
	→	Research Information, Planning Information, Reports, Service	
Contractors	←	Bids, Invoices, Deliverables, Status Reports	→
	→	Requests for Bids/Proposals, Contracts, Plans, Change Orders, Payments	
Federal Agencies	←	Research Grants, Financial Aid Funds	→
	→	Research Proposals, Reports	
	←		→
	→		

Regents: Fort Hays State University

Business Partner	INPUT / OUTPUT	AGENCY
Students	Tuition Payments, Coursework, Enrollment Requests, Applications, Financial Aid Requests, Housing Requests Bills, Grades, Enrollment Info, Transcripts, Financial Aid Information/Awards, Education, Housing	Fort Hays State U.
Parents of Students	Tuition Payments, Financial Aid Information Bills, Grants & Financial Aid, Degrees	
General Public	Information on the University, Research Information, Service, Sports, Music Events, M	
System Vendors	Software Applications, Hardware, Bills, Bids, Contracts, Licenses, Documentation, Training, Consulting Requests for Proposals, Fix Requests, Payments	
Data Vendors	Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals Requests for Proposals, Fix Requests, Payments	
Other Kansas Universities	Shared Planning Information, Shared Training Events, Best Practices Shared Planning Information, Training, Smarter Implementations	
State Agencies	Some Joint Projects (Kansas Wetlands Project) Research Information, Planning Information, Reports, Service, Wetlands Center	
Contractors	Bids, Invoices, Status Reports Requests for Bids/Proposals, Contracts, Plans, Change Orders, Payments	
Federal Agencies	Research Grants, Financial Aid Funds, Mandates Research Proposals, Reports, Compliance	

Regents: Kansas State University

Business Partner		Input / Output		Agency
Students		Applications, Transfer Coursework, Financial Aid Requests, Enrollment Requests, Class Assignments, Advising Requests, Library Requests, Other Service Requests	→	Kansas State University
	←	Acceptance / Orientation Info, Enrollment Info, Grades, Financial Aid Info, Bills, Syllabi, Course Content		
Parents of Students		Tuition Payments, Financial Aid Information, Fees	→	
	←	Bills, Parent Info, Events Info, International Study Info		
Alumni		Personal Info Updates, Donations, Membership Fees	→	
	←	Acknowledgments, Events info, General Campus Info		
Extension / Kansas Residents		Consulting Requests, Requests for Services, Speakers Info	→	
	←	Research Info and Work Products, Consulting Info, General Info		
General Public		Information Requests	→	
	←	General Campus Info, Research Information, Events Info		
Vendors / Contractors		Bids, Invoices, Bills, Contracts, Licenses, documentation, Training, Data Access, Books, Journals	→	
	←	Requests for Proposals, Fix Requests, Payments		
Data Vendors		Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals	→	
	←	Requests for Proposals, Fix Requests, Payments		
Other Kansas Universities or Colleges		Shared Planning Informaiton, Student Transfer Info, Course Info	→	
	←	Shared Planning Information, Student Transfer Info, Course Info		
State Agencies		Information Requests	→	
	←	Research Information, Planning Information, Reports		
Federal Agencies		Research Information, Planning Information, Reports	→	
	←	RFP's, Grant Awards, Financial Aid Funds, Info Requests		
Industry		Consulting Requests, Research Requests, Technology Transfer Requests	→	
	←	Consulting and Research Information, Intellectual Property, Information Delivery		
Professional Socities		Bills, Research Work Product, Event Announcements, Acceptance of Papers	→	
	←	Fees for Dues or Event Registration, Research Work Products		

Regents: Pittsburg State University

Business Partner		Pittsburg State University 08/31/07 INPUT OUTPUT		AGENCY
Students		Tuition Payments, Coursework, Enrollment Requests, Applications, Financial Aid Requests.	→	
	←	Bills, Grades, Enrollment Info, Transcripts, Financial Aid Information/Awards, Education.		
Parents of Students		Tuition Payments, Financial Aid Information	→	
	←	Bills		
General Public		Academic Programs, Information Requests, Library Resources	→	
	←	General information on the University, Research Information, Service.		
System Vendors		Software Applications, Hardware, Bills, Bids, Contracts, Licenses, Documentation, Training.	→	
	←	Requests for Proposals, Fix Requests, Payments		
Data Vendors		Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals.	→	
	←	Requests for Proposals, Fix Requests, Payments		
Other Kansas Universities		Shared Planning Information	→	
	←	Shared Planning Information		
State Agencies		Shared Planning Information, Funding, Mandates	→	
	←	Research Information, Planning Information, Reports, Service.		
Contractors		Bids, Invoices, Status Reports	→	
	←	Requests for Bids/Proposals, Contracts, Plans, Change Orders, Payments		
Federal Agencies		Research Grants, Financial Aid Funds. Mandates	→	
	←	Research Proposals, Reports.		
Alumni /Supporters		Requests for funds, News and Information, Web materials	→	
	←			

Regents: University of Kansas

Business Partner	INPUT / OUTPUT	AGENCY
Students	Tuition Payments, Coursework, Enrollment Requests, Applications, Financial Aid Requests	University of Kansas
	Bills, Grades, Enrollment Info, Transcripts, Financial Aid Information/Awards, Education, Student Environment	
Parents of Students	Tuition Payments, Financial Aid Information	
	Bills, Student Environment	
General Public	Requests for Information & Service	
	General information on the University, Research Information, Service	
System Vendors	Software Applications, Hardware, Bills, Bids, Contracts, Licenses, Documentation, Training	
	Requests for Proposals, Fix Requests, Payments	
Data Vendors	Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals	
	Requests for Proposals, Fix Requests, Payments	
Other Kansas Universities	Shared Planning Information	
	Shared Planning Information	
State Agencies	Planning Information, Payroll Information, Regulations & Policies	
	Research Information, Planning Information, Reports, Service	
Contractors	Bids, Invoices, Status Reports	
	Requests for Bids/Proposals, Contracts, Plans, Change Orders, Payments	
Federal Agencies	Research Grants, Financial Aid Funds	
	Research Proposals, Reports, Compliance with Federal Regulations	

Regents: University of Kansas Medical Center

Business Partner		INPUT OUTPUT	--> AGENCY
Potential Students	<--	Information requests, Applications Marketing materials, Application materials	-->
Students	<--	Tuition payments, Coursework, Enrollment applications, Financial Aid requests Bills, Grades, Enrollment info, Transcripts, Financial Aid info/awards	-->
Parents of Students	<--	Tuition payments, Financial Aid info Marketing materials, Finiancial info	-->
Alumni	<--	Donations, Information requests Newsletters, Marketing, Responses to requests	-->
Other Regents Universities	<--	Shared planning information, Shared resources Shared planning information, Shared resources	-->
Other Universities	<--	Research info, Statistical info Research info, Statistical info	-->
Other Research Facilities	<--	Research info, Statistical info Research info, Statistical info	-->
State Agencies	<--	Information requests Project plans, Annual reports	-->
Federal Agencies	<--	Research grants, Financial Aid funds Requested info, Grant proposals, Reports	-->
Legislature	<--	Information requests Budget requests, Requested reports	-->
University of Kansas Hospital	<--	Shared planning information, Shared resources, SLAs Shared planning information, Shared resources, SLAs	-->
KUPI	<--	Shared planning information, Shared resources, SLAs Shared planning information, Shared resources, SLAs	-->
Public	<--	Requests for information General information, PR/News releases	-->
System Vendors	<--	Software, Hardware, Maintenance, Invoices, Bids, Contracts, Licenses Requests for proposals, Maintenance requests, Payments	-->
Data Vendors	<--	Invoices, Bids, Contracts, Licenses, Documentation, Training Data access, Books, Journals Requests for proposals, Maintenance requests, Payments	-->
Contractors	<--	Bids, Invoices, Status reports Requests for bids/proposals, Contracts, Plans, Change orders, Payments	-->
Consultants	<--	Bids, Invoices, Status reports Requests for bids/proposals, Contracts, Plans, Change orders, Payments	-->
Professional Organizations	<--	Survey requests, Membership information and benefits Surevey responses, Conference participation, Paricipation in review boards	-->
Outreach Clinics	<--	Patient care, Educational opportunities Medical personnel, Support services	-->
Preceptors	<--	Patient care, Educational opportunities Students, Faculty benefits, Support services	-->
Medical Education Network Sites	<--	Patient care, Educational opportunities Students, Faculty benefits, Support services	-->

University of Kansas Medical Center

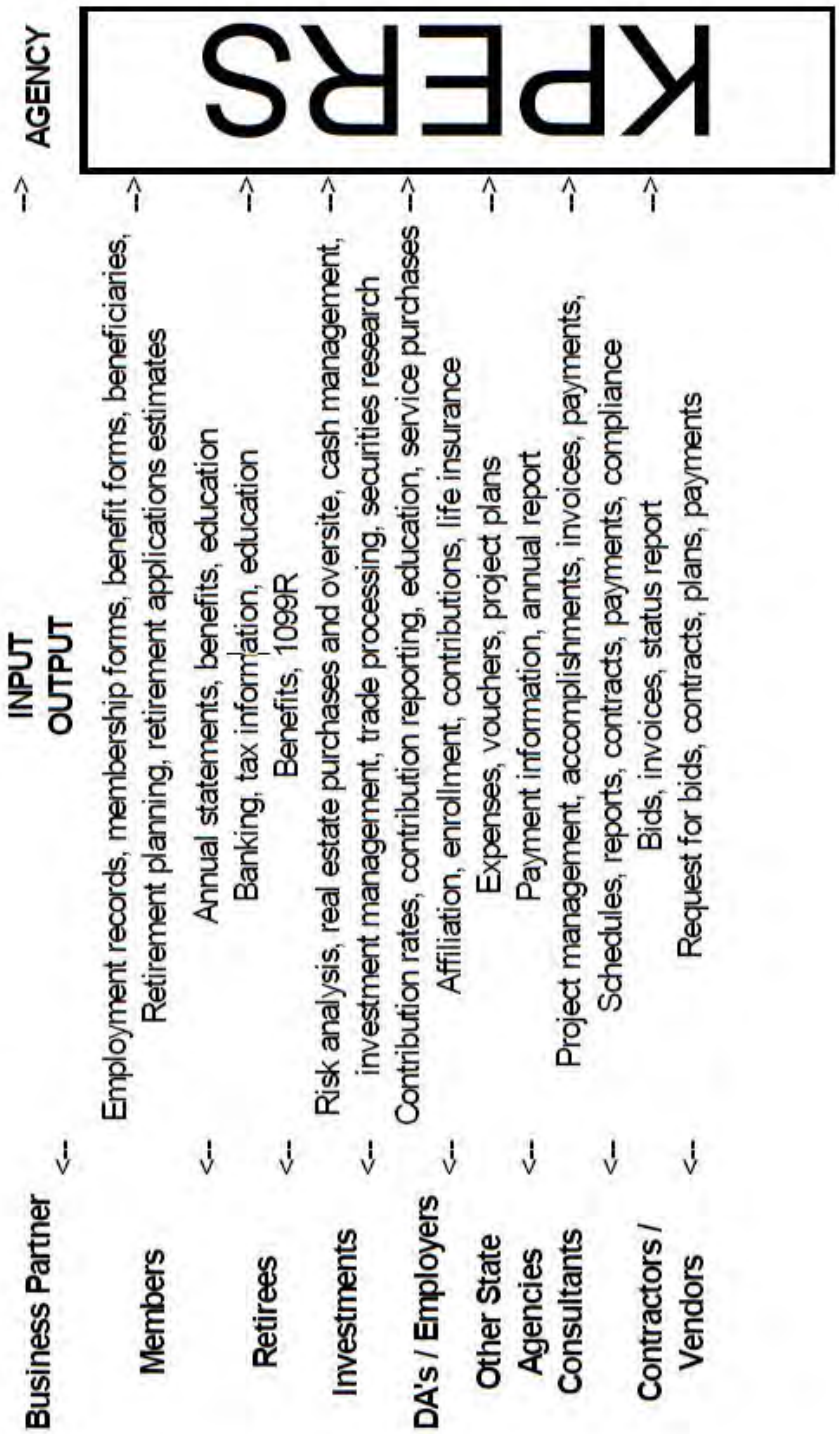
Regents: Wichita State University

Wichita State University

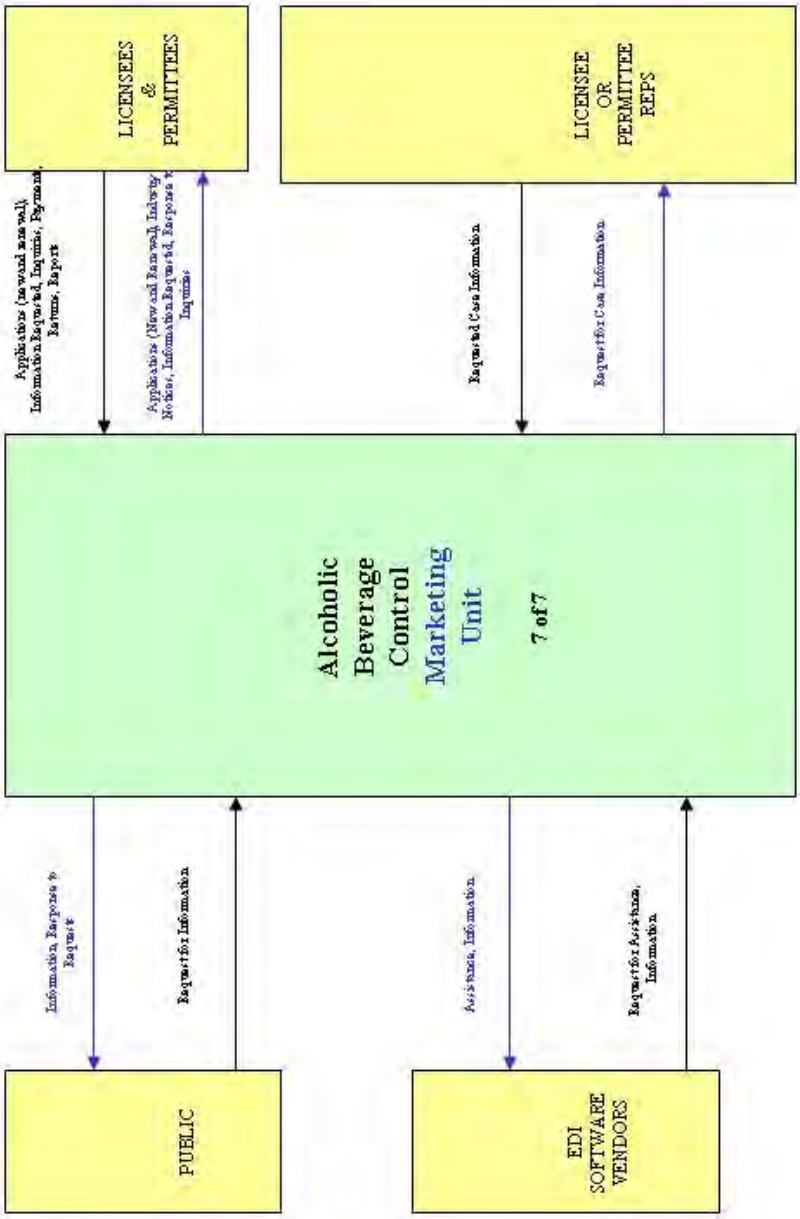
08/13/08

Business Partner	INPUT / OUTPUT	AGENCY
Students	Tuition Payments, Coursework, Enrollment Requests, Applications, Financial Aid Requests.	Wichita State University
	Bills, Grades, Enrollment Info, Transcripts, Financial Aid Information/Awards, Education.	
Parents of Students	Tuition Payments, Financial Aid Information	
	Bills	
General Public	Academic Programs, Information Requests, Library Resources	
	General information on the University, Research Information, Service.	
System Vendors	Software Applications, Hardware, Bills, Bids, Contracts, Licenses, Documentation, Training.	
	Requests for Proposals, Fix Requests, Payments	
Data Vendors	Bills, Bids, Contracts, Licenses, Documentation, Training, Data Access, Books, Journals.	
	Requests for Proposals, Fix Requests, Payments	
Other Kansas Universities	Shared Planning Information	
	Shared Planning Information	
State Agencies	Shared Planning Information, Funding, Mandates	
	Research Information, Planning Information, Reports, Service.	
Contractors	Bids, Invoices, Status Reports	
	Requests for Bids/Proposals, Contracts, Plans, Change Orders, Payments	
Federal Agencies	Research Grants, Financial Aid Funds, Mandates	
	Research Proposals, Reports.	

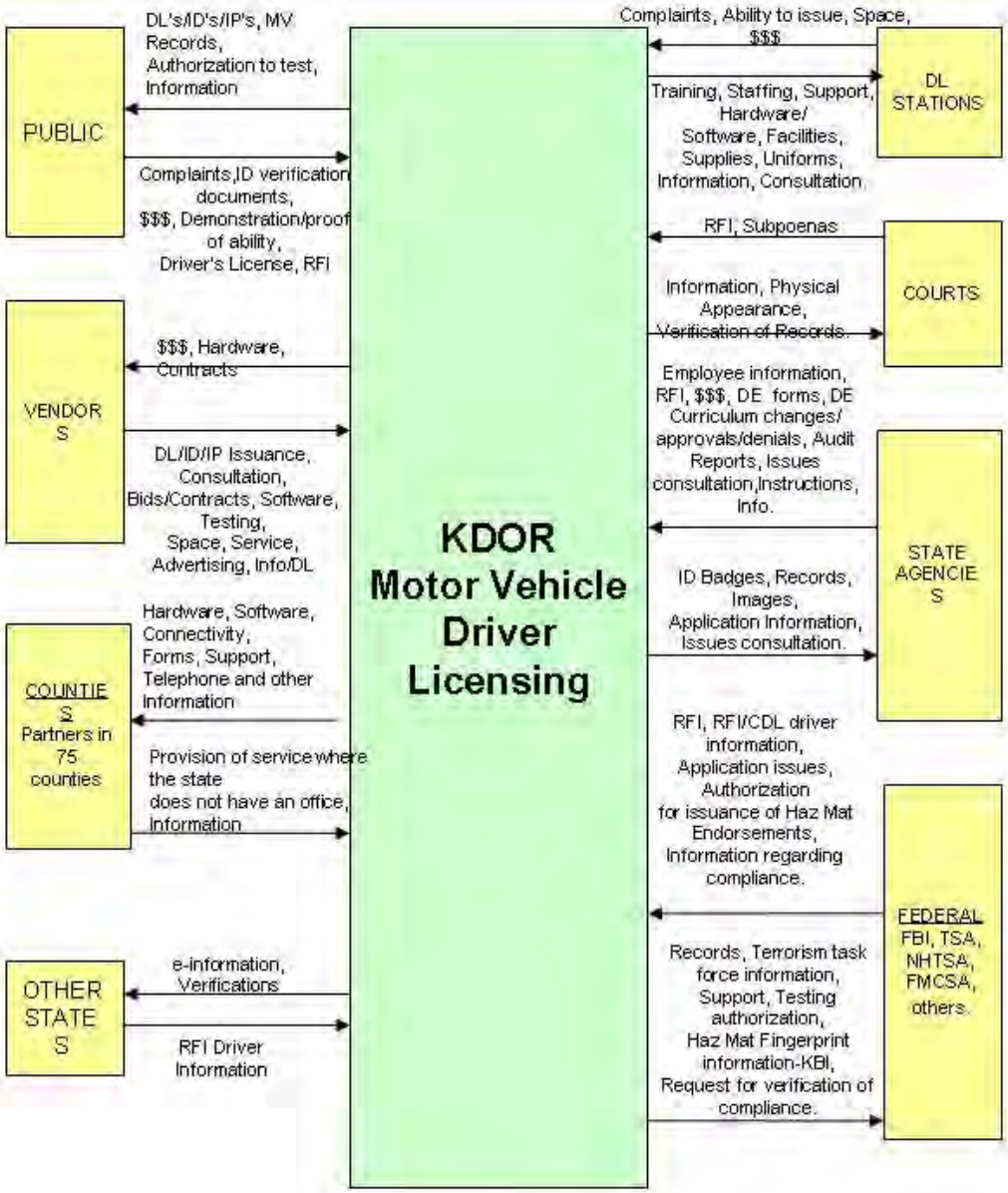
Retirement System, Kansas Public Employee



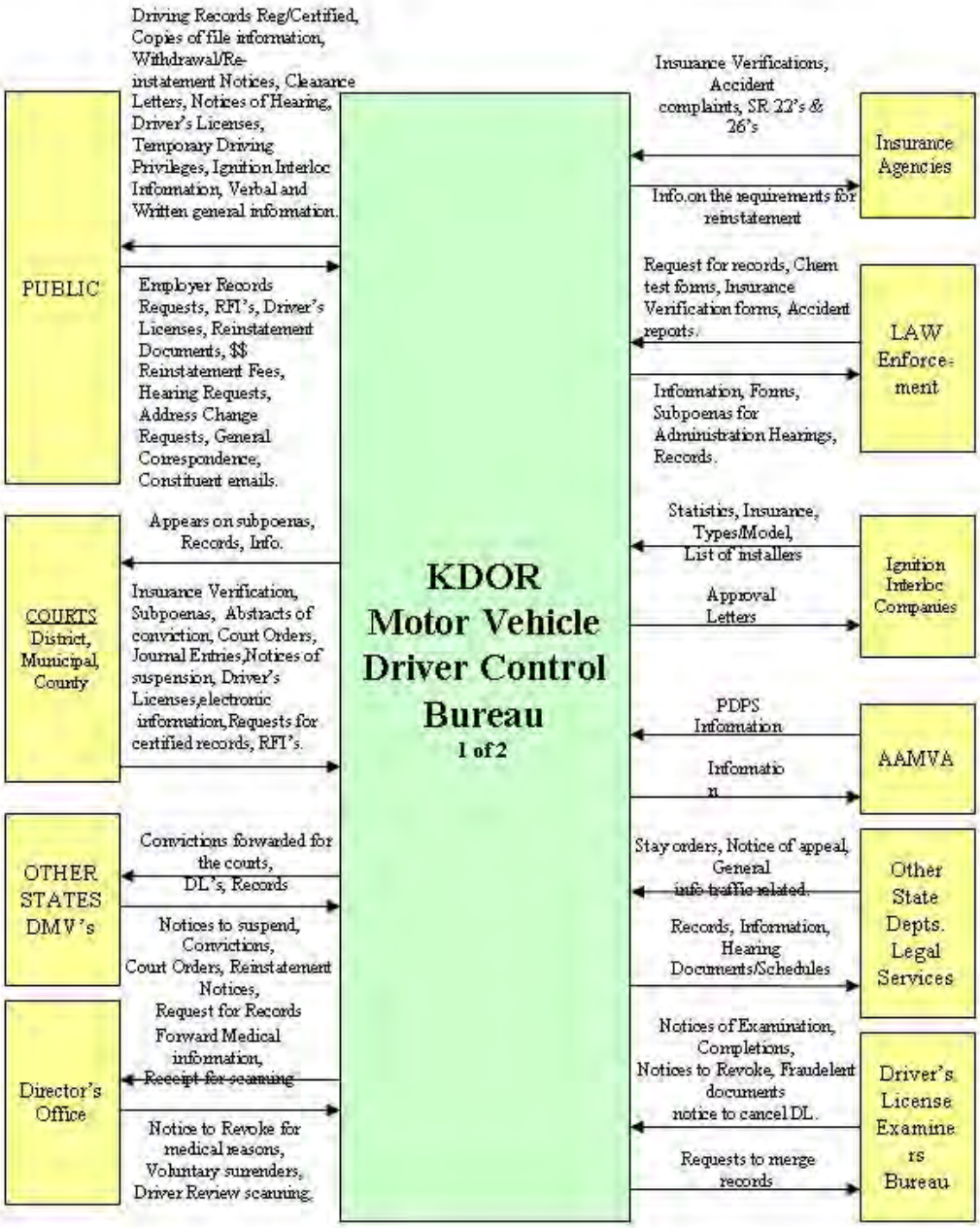
Revenue, Department of



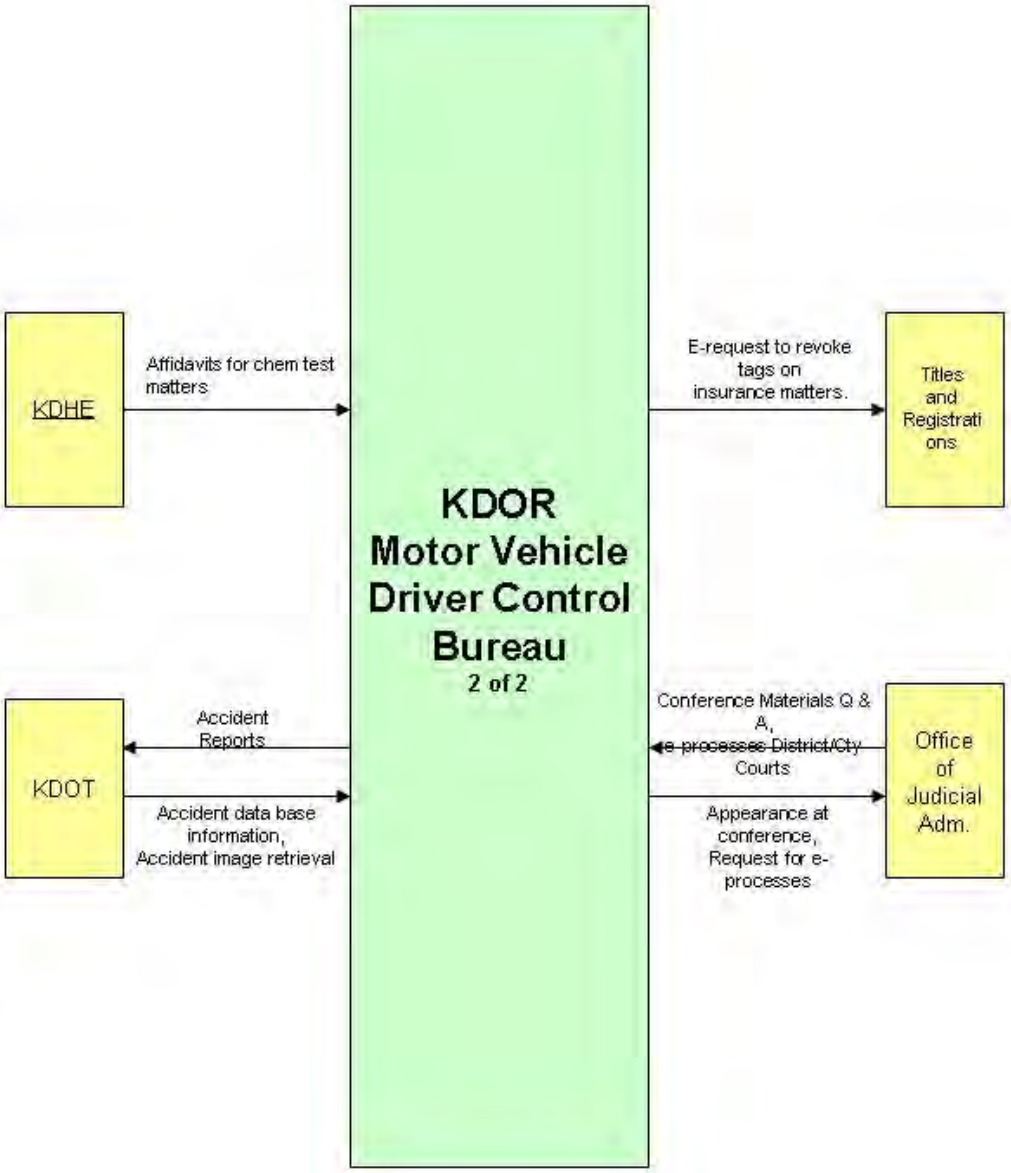
Revenue, Department of (continued)



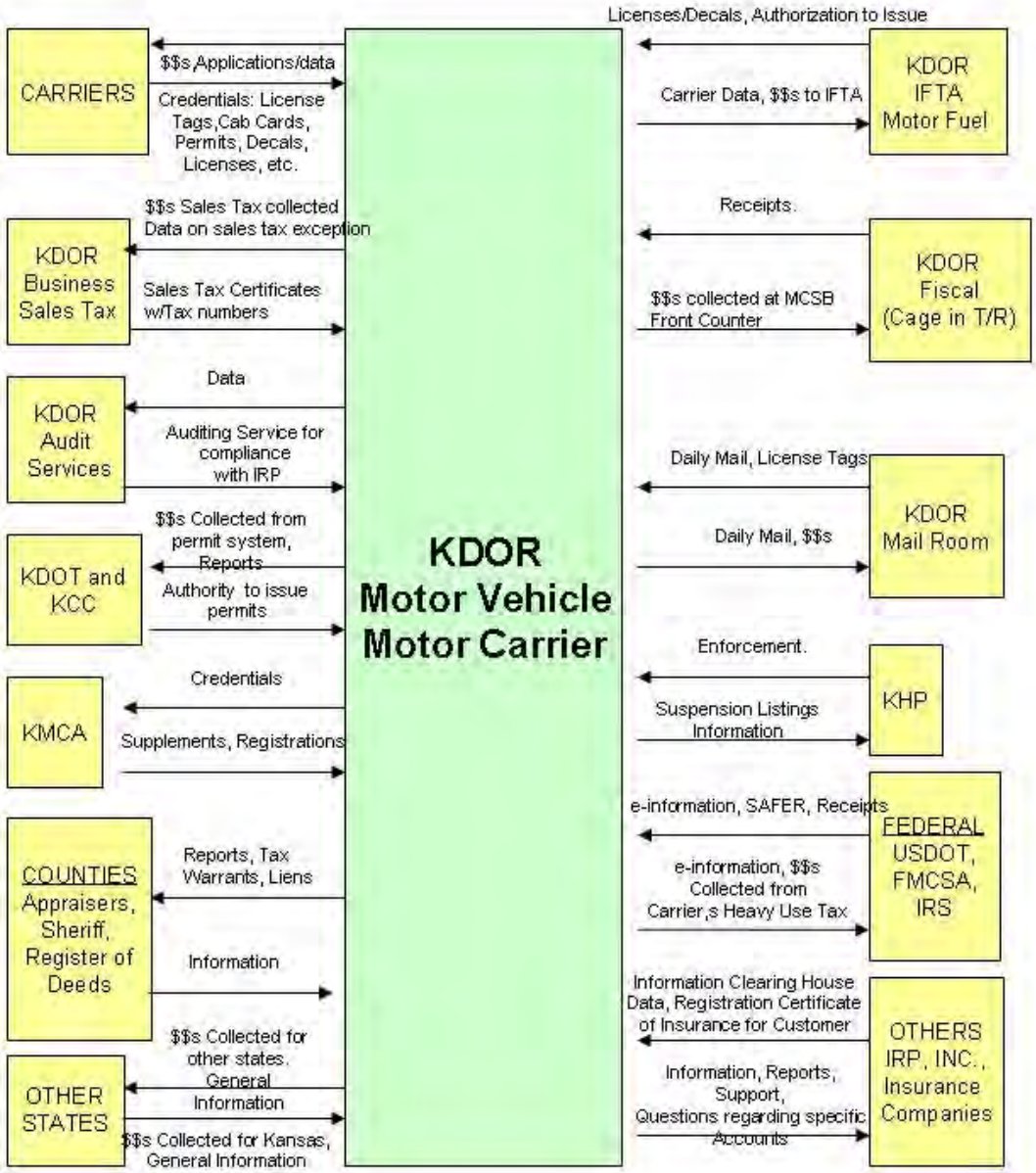
Revenue, Department of (continued)

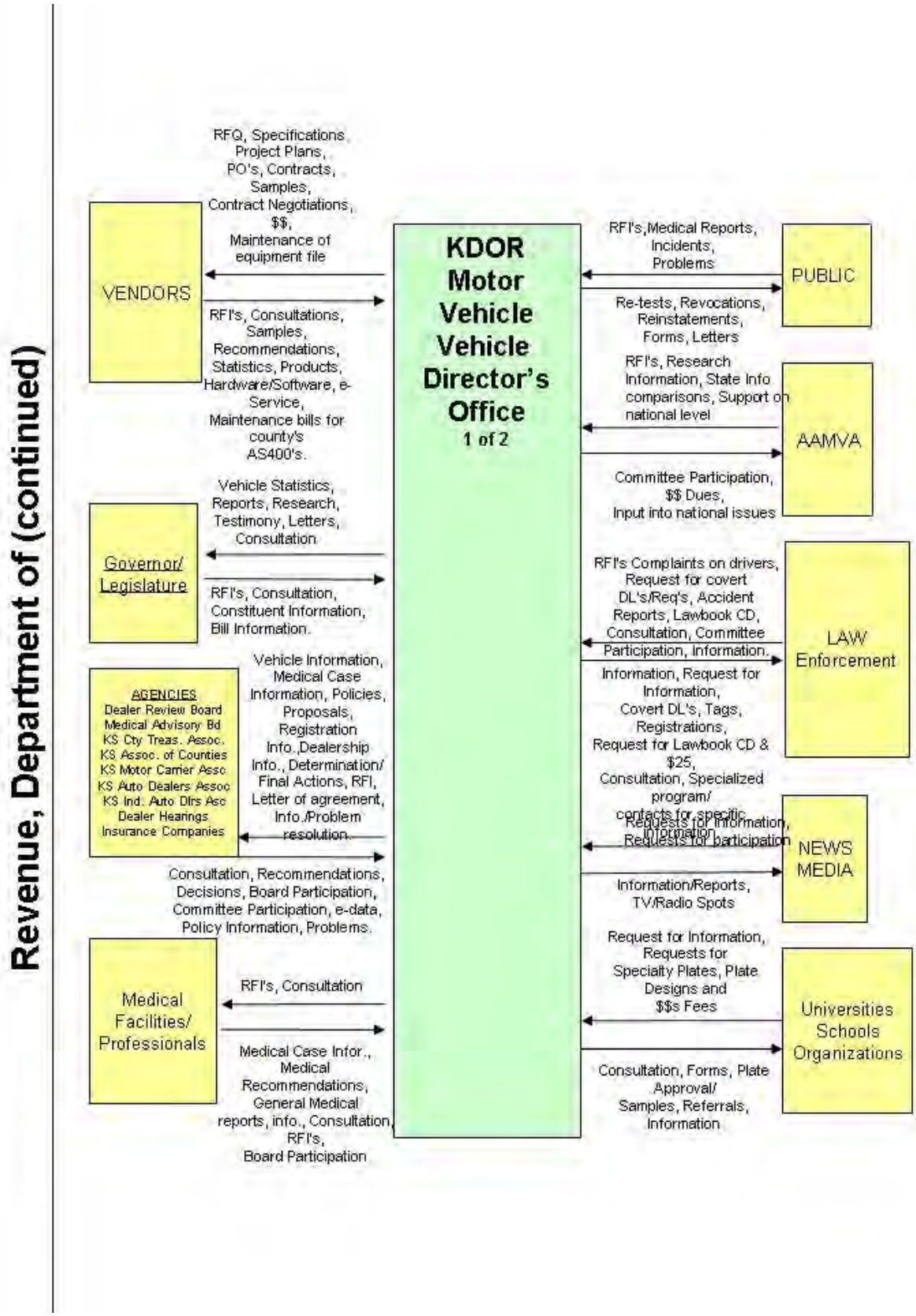


Revenue, Department of (continued)

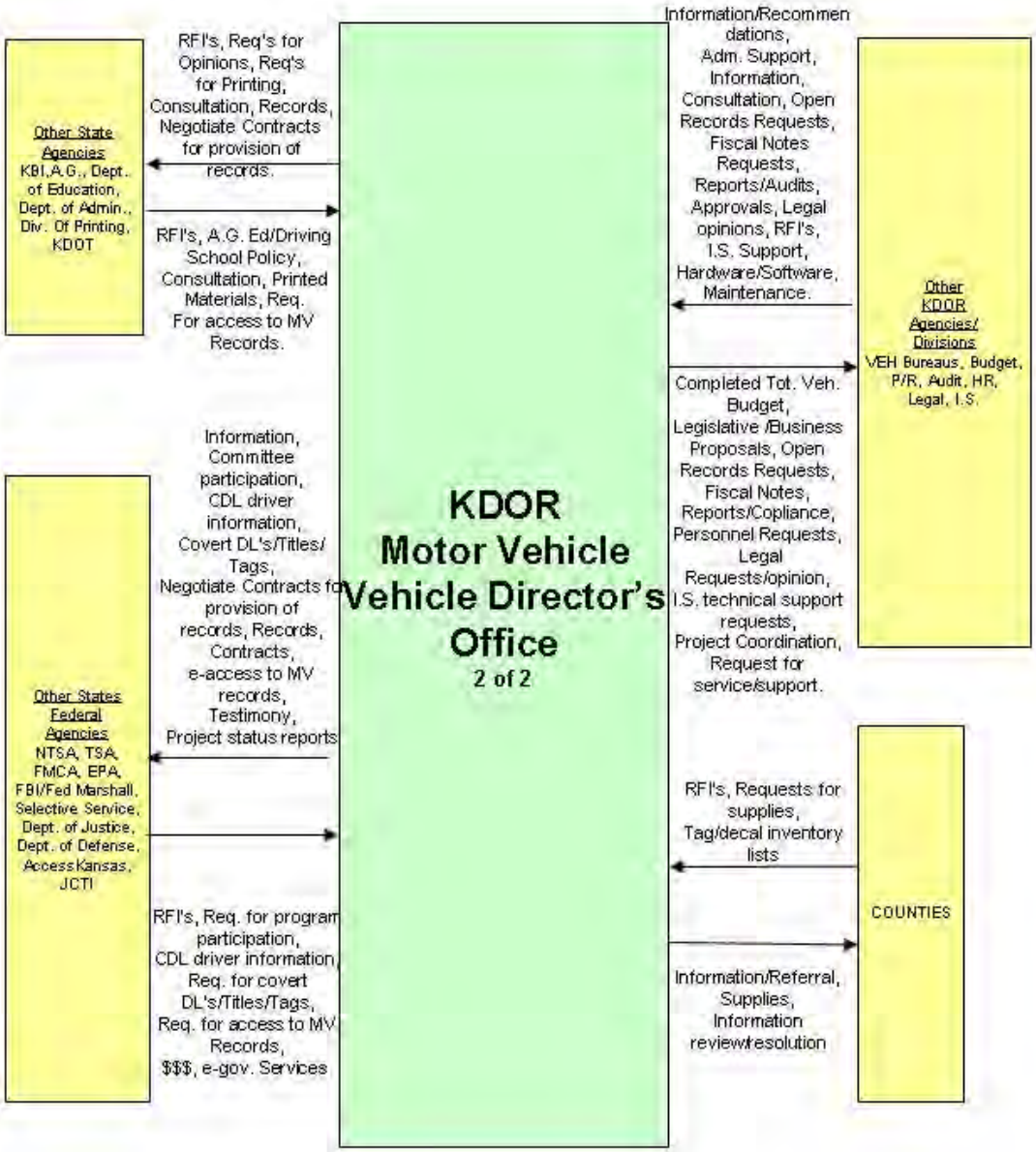


Revenue, Department of (continued)

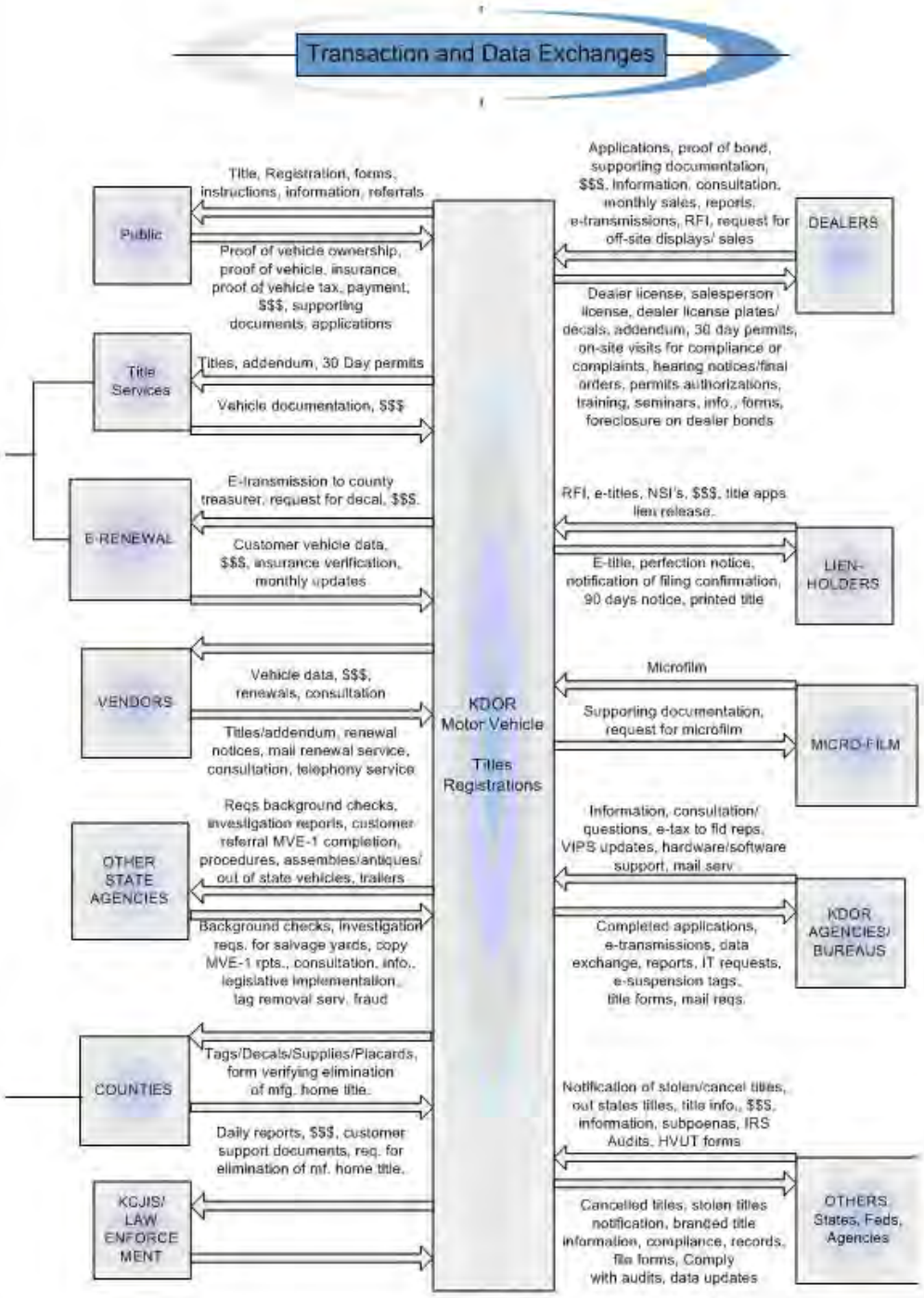



Revenue, Department of (continued)
KDOR Motor Vehicle Vehicle Director's Office
1 of 2
VENDORS
RFQ, Specifications, Project Plans, PO's, Contracts, Samples, Contract Negotiations, $$, Maintenance of equipment file
RFI's, Consultations, Samples, Recommendations, Statistics, Products, Hardware/Software, e-Service, Maintenance bills for county's AS400's.
Governor/ Legislature
Vehicle Statistics, Reports, Research, Testimony, Letters, Consultation
RFI's, Consultation, Constituent Information, Bill Information.
AGENCIES
Dealer Review Board
Medical Advisory Bd
KS Cty Treas. Assoc.
KS Assoc. of Counties
KS Motor Carrier Assc
KS Auto Dealers Assoc
KS Ind. Auto Dlrs Asc
Dealer Hearings
Insurance Companies
Vehicle Information, Medical Case Information, Policies, Proposals, Registration Info.,Dealership Info., Determination/ Final Actions, RFI, Letter of agreement, Info./Problem resolution.
Consultation, Recommendations, Decisions, Board Participation, Committee Participation, e-data, Policy Information, Problems.
Medical Facilities/ Professionals
RFI's, Consultation
Medical Case Infor., Medical Recommendations, General Medical reports, info., Consultation, RFI's, Board Participation
PUBLIC
RFI's,Medical Reports, Incidents, Problems
Re-tests, Revocations, Reinstatements, Forms, Letters
AAMVA
RFI's, Research Information, State Info comparisons, Support on national level
Committee Participation, $$ Dues, Input into national issues
LAW Enforcement
RFI's Complaints on drivers, Request for covert DL's/Req's, Accident Reports, Lawbook CD, Consultation, Committee Participation, Information.
Information, Request for Information, Covert DL's, Tags, Registrations, Request for Lawbook CD & $25, Consultation, Specialized program/ contacts for specific information
NEWS MEDIA
Requests for Information, Requests for participation
Information/Reports, TV/Radio Spots
Universities Schools Organizations
Request for Information, Requests for Specialty Plates, Plate Designs and $$s Fees
Consultation, Forms, Plate Approval/ Samples, Referrals, Information

Revenue, Department of (continued)

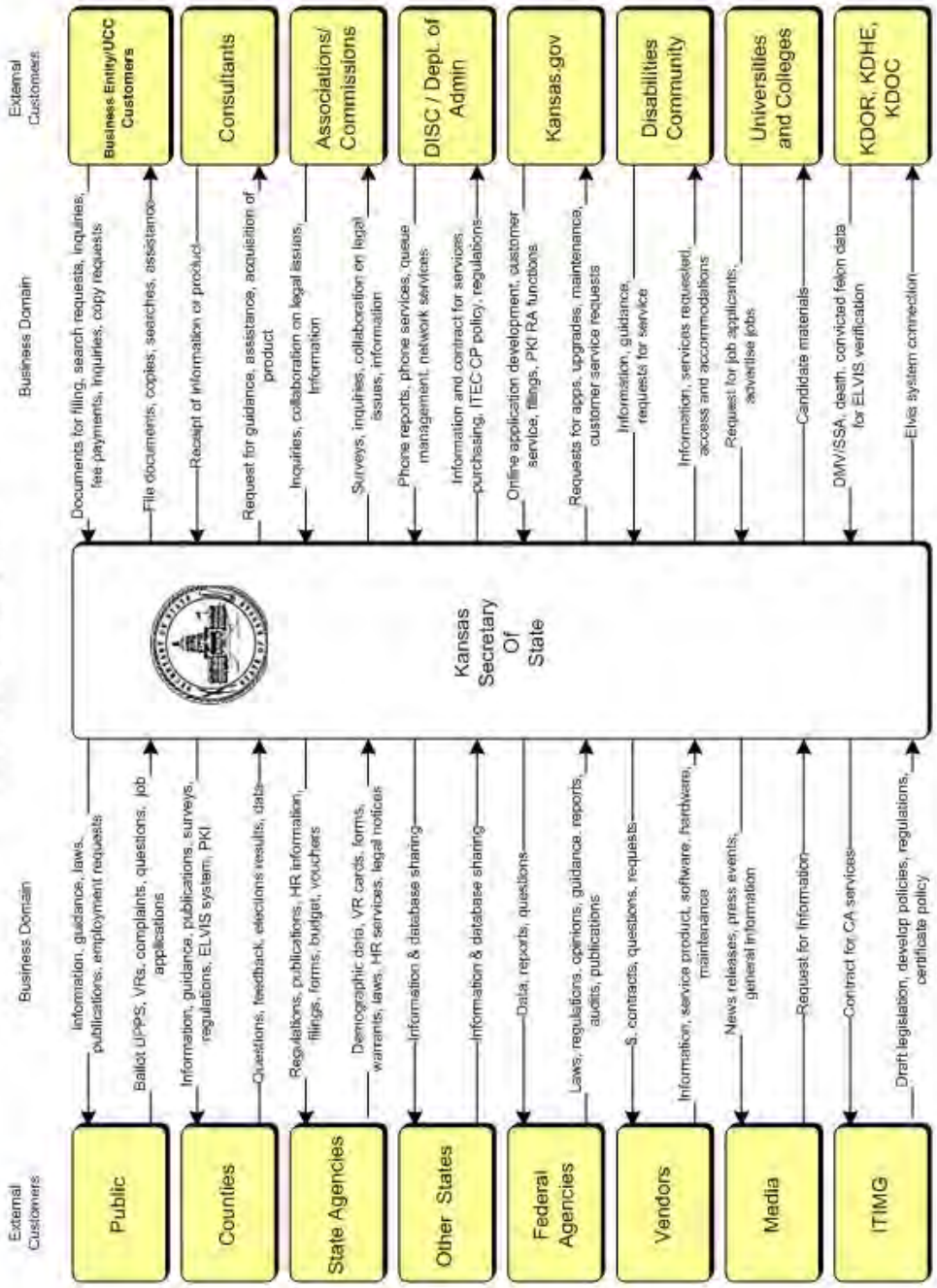


Revenue, Department of (continued)

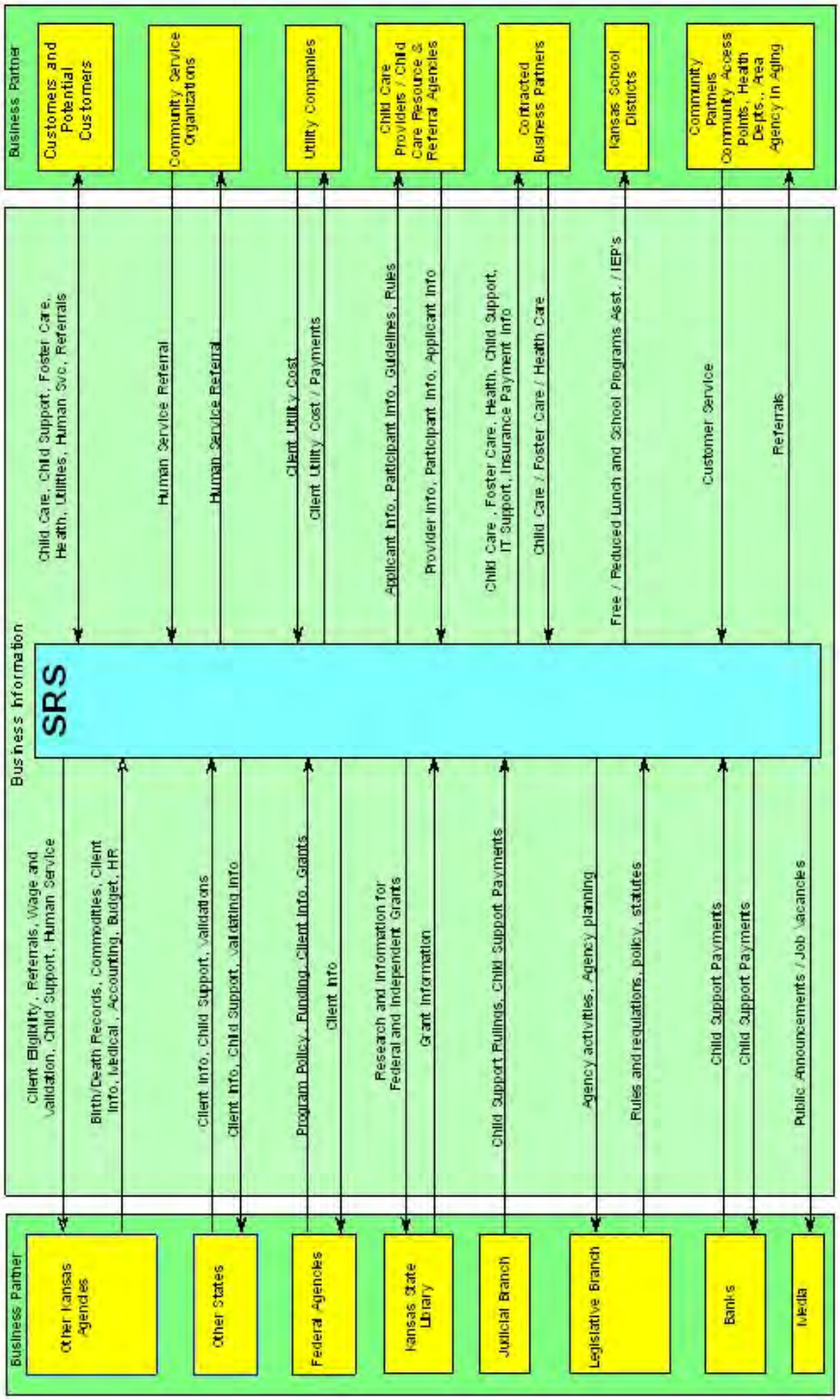


Secretary of State

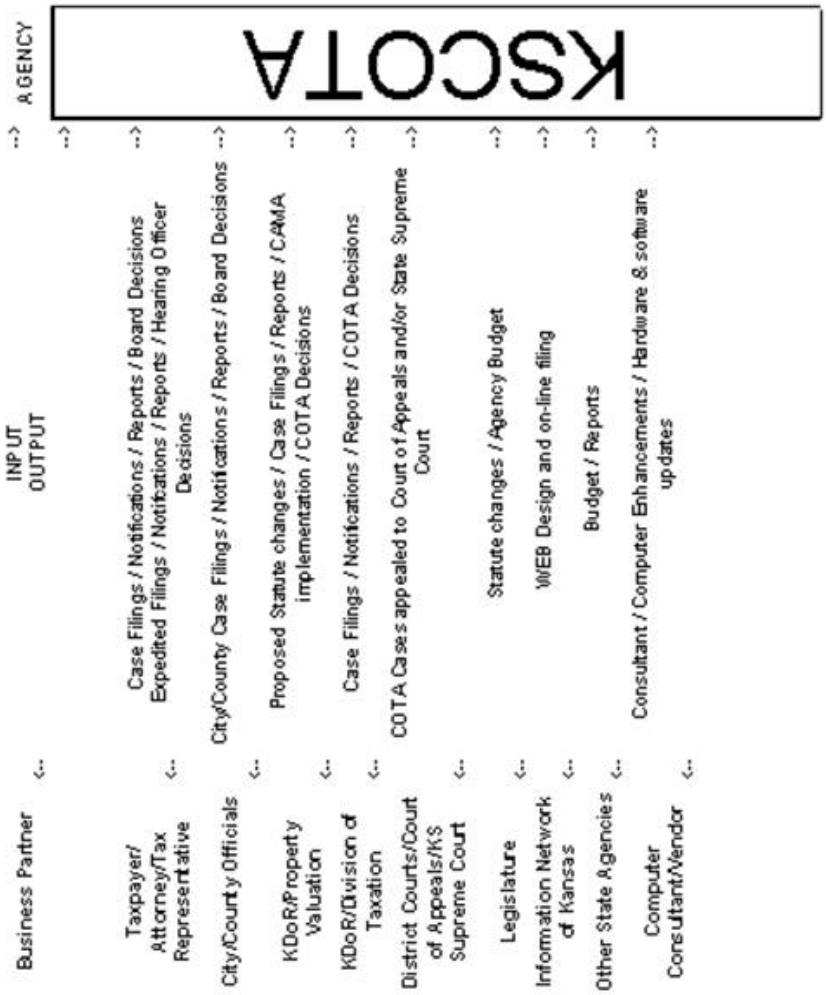
Business Partners Model



Social and Rehabilitation Services, Department of

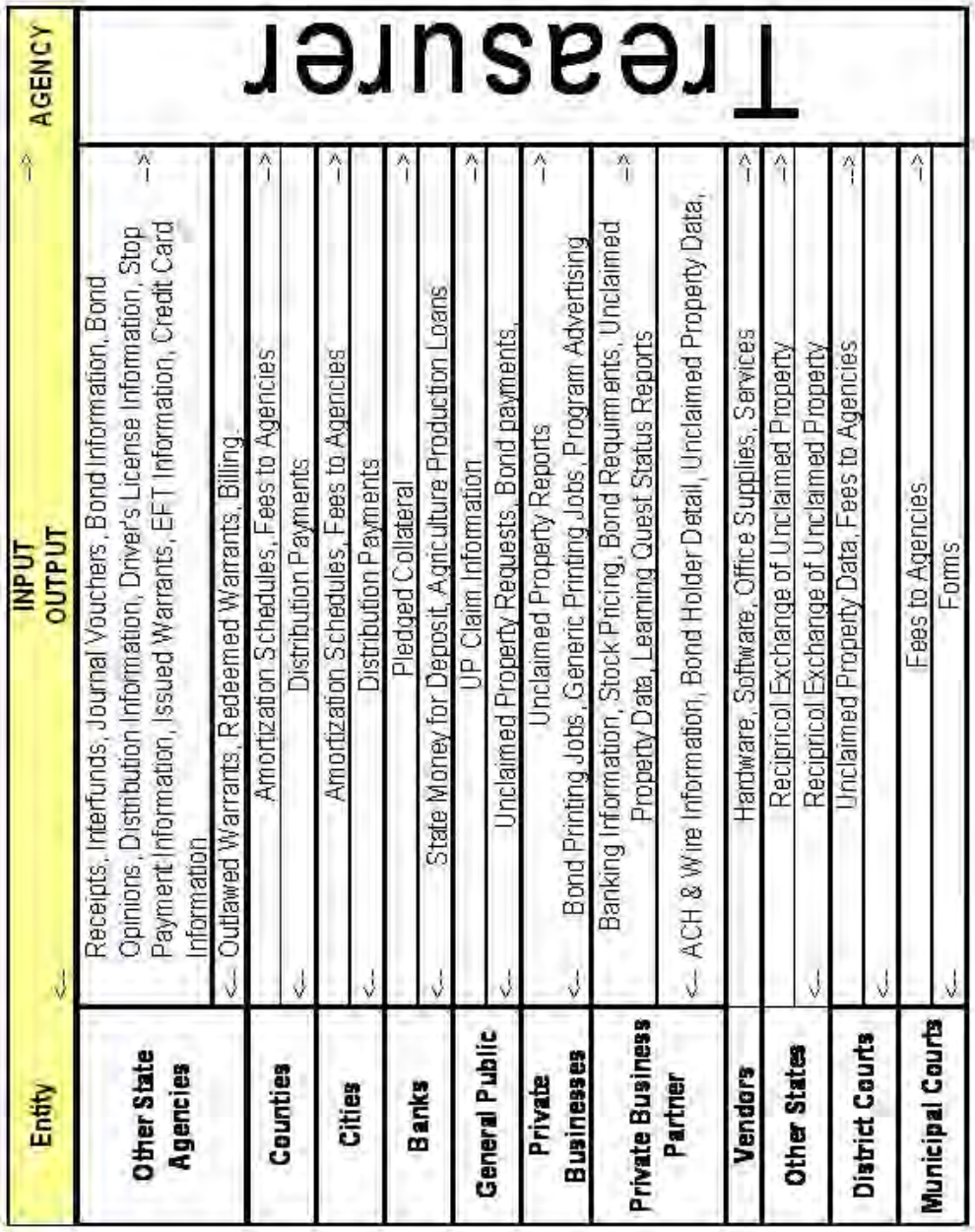


Tax Appeals Board



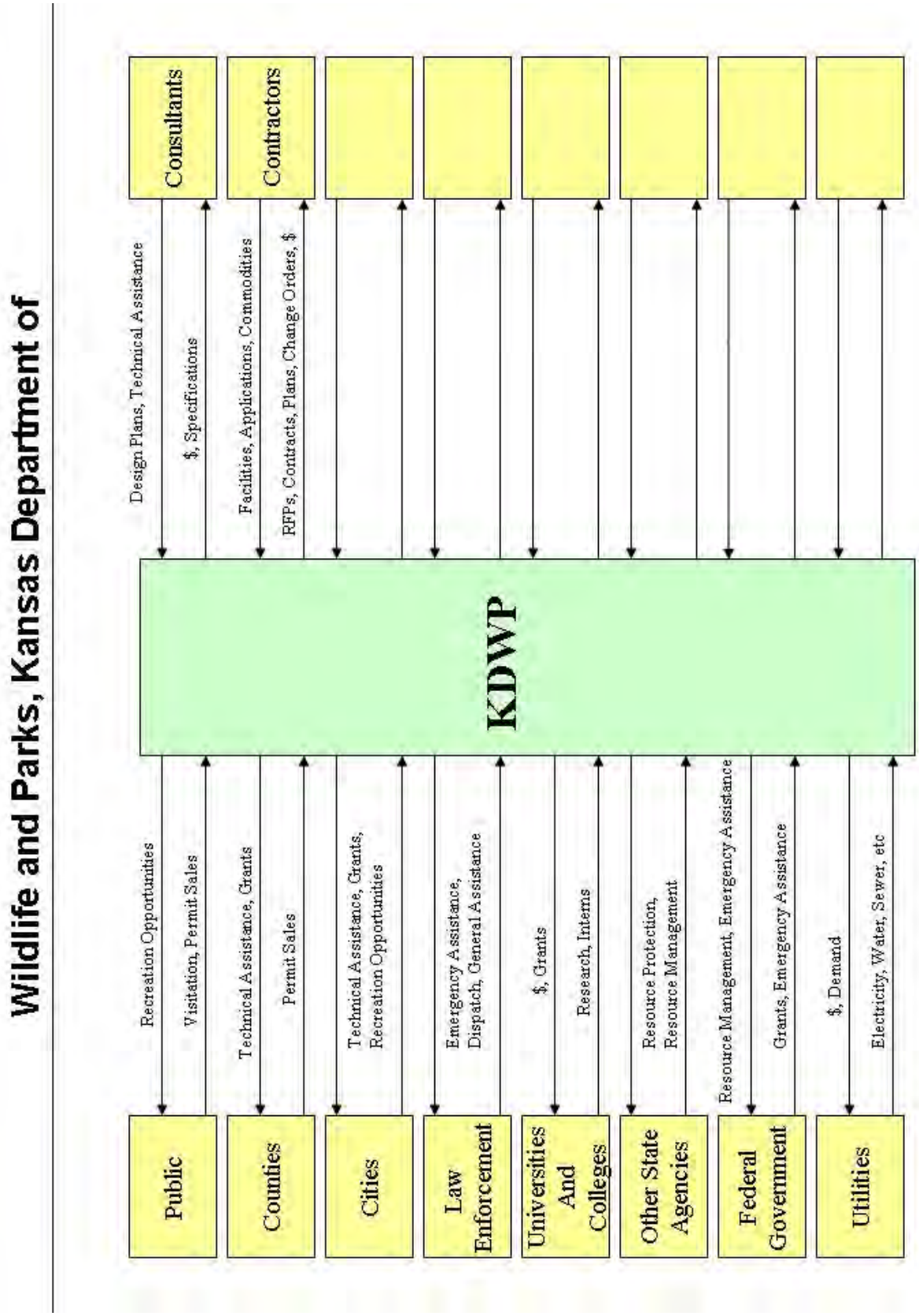
Transportation, Department of

Treasurer, State



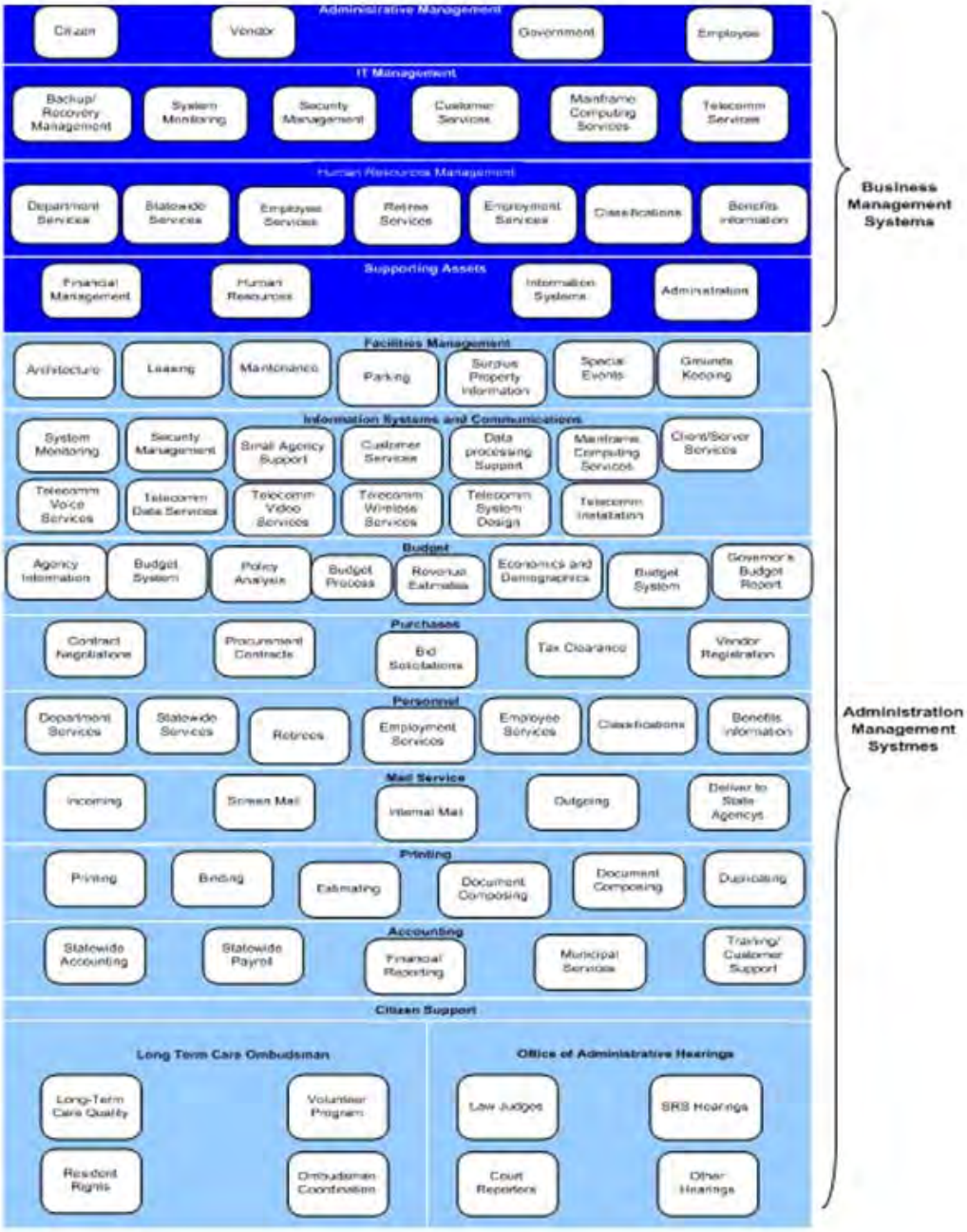
Veterans Affairs, Commission on

Internal Agency	Input	Program area updates
	Output	Mission, personnel, budget, facilities, schedule information and guidance
Cities	Input	Local Events
	Output	Veteran services information
Federal Government	Input	Vehicle Reports, Applications, Ridership information
	Output	Department of Veteran Affairs; other similar state agencies: information, reports, legislation
Kansas Legislature	Input	Agency information
	Output	Budget schedule, bills
Other State Agencies	Input	Request for information
	Output	Governor's office; budget, engineering, KDOT, KDOC
Universities and Colleges	Input	Status of veterans using VA Educational Benefits
	Output	Inspect VA Program, training on VA policies and procedures
Public	Input	Requests for information
	Output	Train, counsel on veterans benefits
Business Employers	Input	Status of veterans using VA educational benefits
	Output	Train/counsel on VA educational programs, inspect existing programs
Apprenticeship Counsels	Input	Status of veterans using VA educational benefits
	Output	Train/counsel on VA educational programs, inspect existing programs
Veteran Service Organizations	Input	Reports and updates
	Output	Promote VA educational programs
Federal VA	Input	Reports
	Output	Requirements of VA contract, reports, vouchers, inspections, workshops, committee meetings
Military Organizations	Input	Request for information
	Output	Train/counsel on VA educational programs
Board of Regents	Input	Provide background information on new/existing educational programs
	Output	Train/counsel on VA educational programs
Federal/State Dept. of Labor	Input	Provide information on potential apprenticeship programs and information on registration
	Output	Train/counsel on VA educational programs
National/State Approving Agencies	Input	Provide direction, guidance, coordination of SAA program
	Output	Provide membership, support, and expertise.
	Input	
	Output	

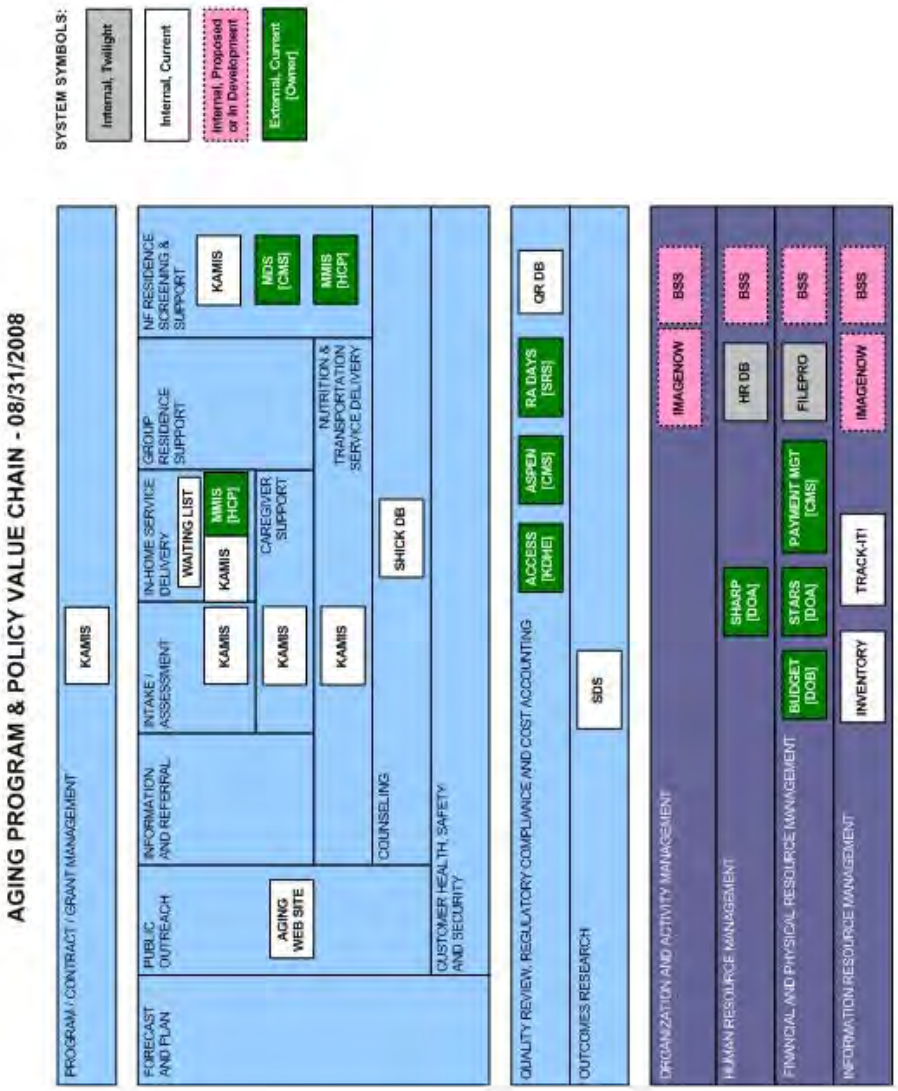

Wildlife and Parks, Kansas Department of
KDWP
Public
Recreation Opportunities
Visitation, Permit Sales
Counties
Technical Assistance, Grants
Permit Sales
Cities
Technical Assistance, Grants, Recreation Opportunities
Law Enforcement
Emergency Assistance, Dispatch, General Assistance
Universities And Colleges
$, Grants
Research, Interns
Other State Agencies
Resource Protection, Resource Management
Federal Government
Resource Management, Emergency Assistance
Grants, Emergency Assistance
Utilities
$, Demand
Electricity, Water, Sewer, etc
Consultants
Design Plans, Technical Assistance
$, Specifications
Contractors
Facilities, Applications, Commodities
RFPs, Contracts, Plans, Change Orders, $

Enterprise Application Maps

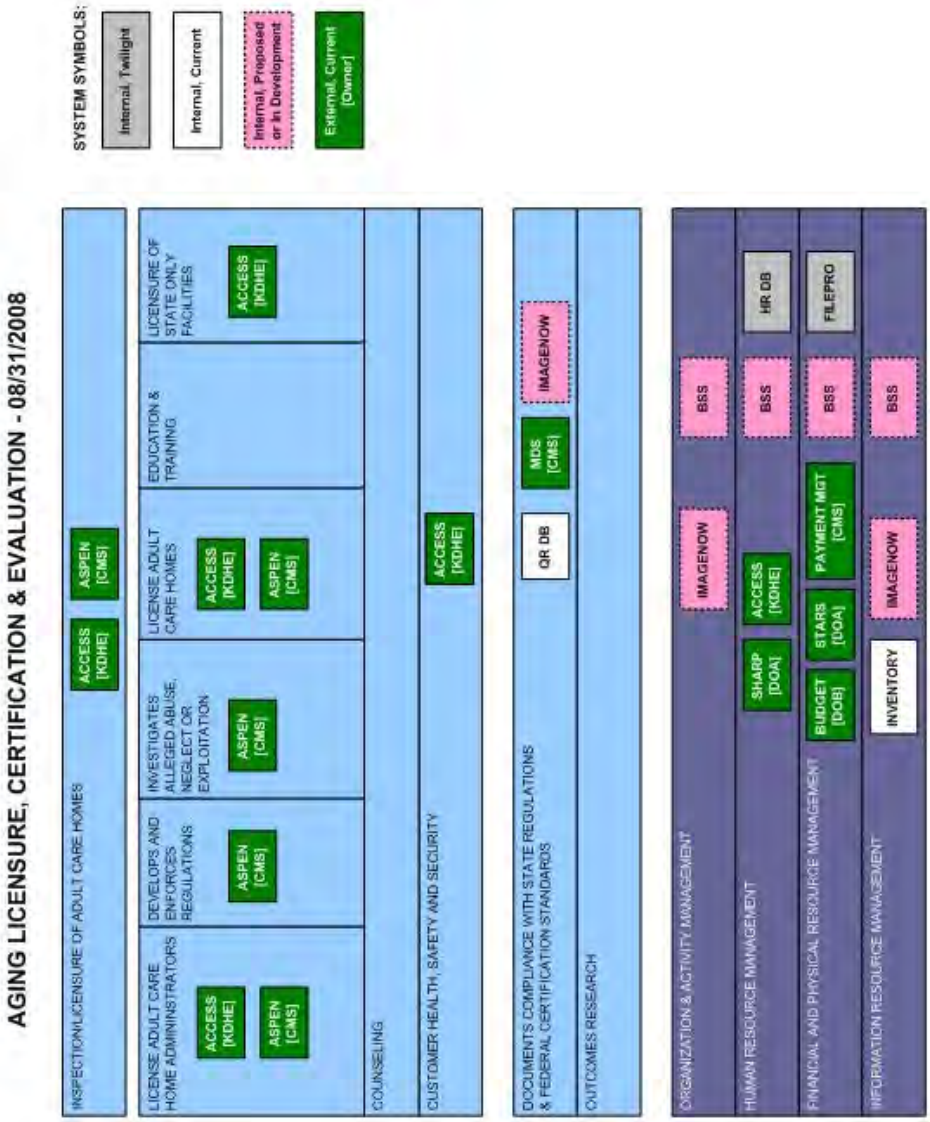
Administration, Department of



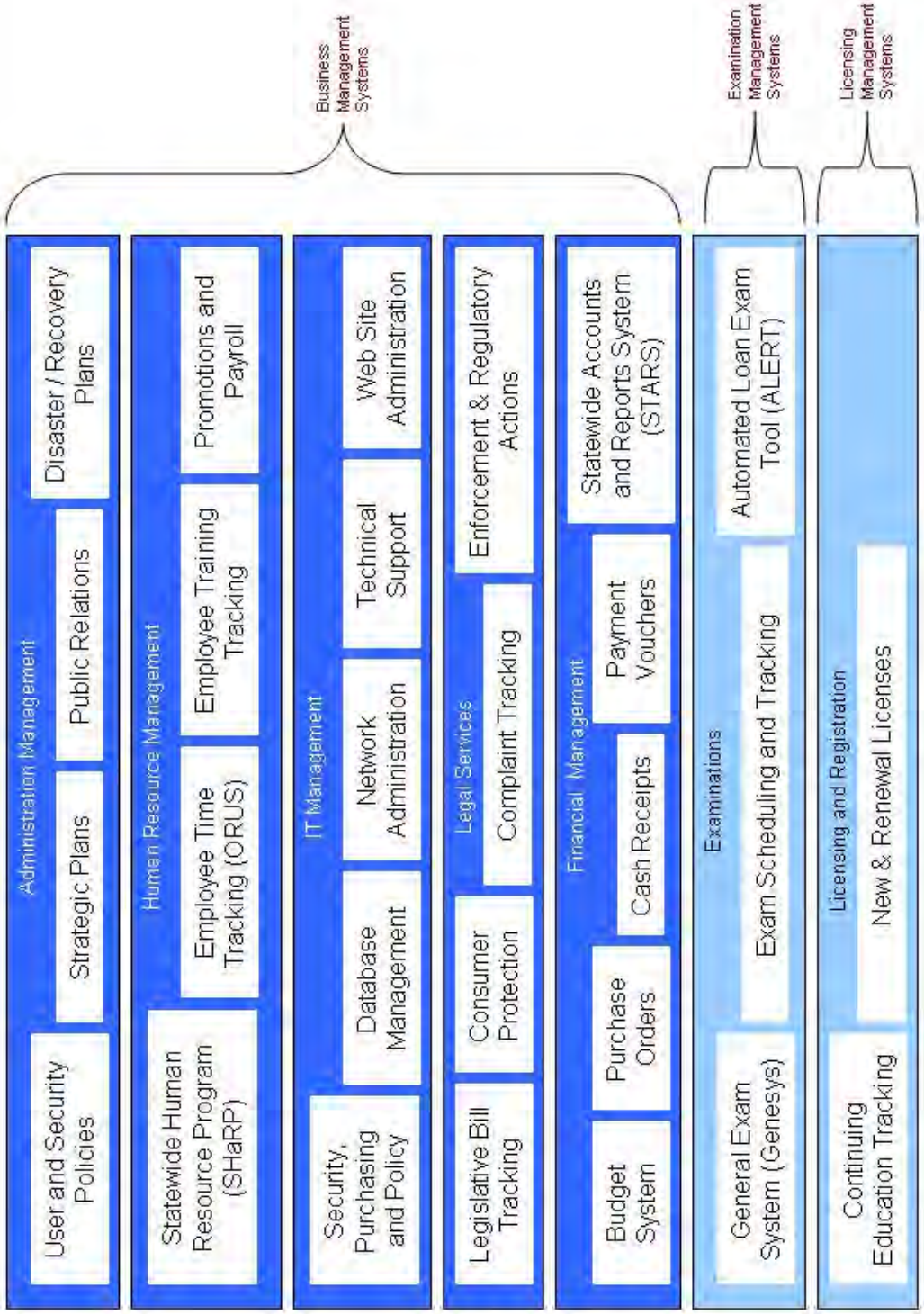
Aging, Department of

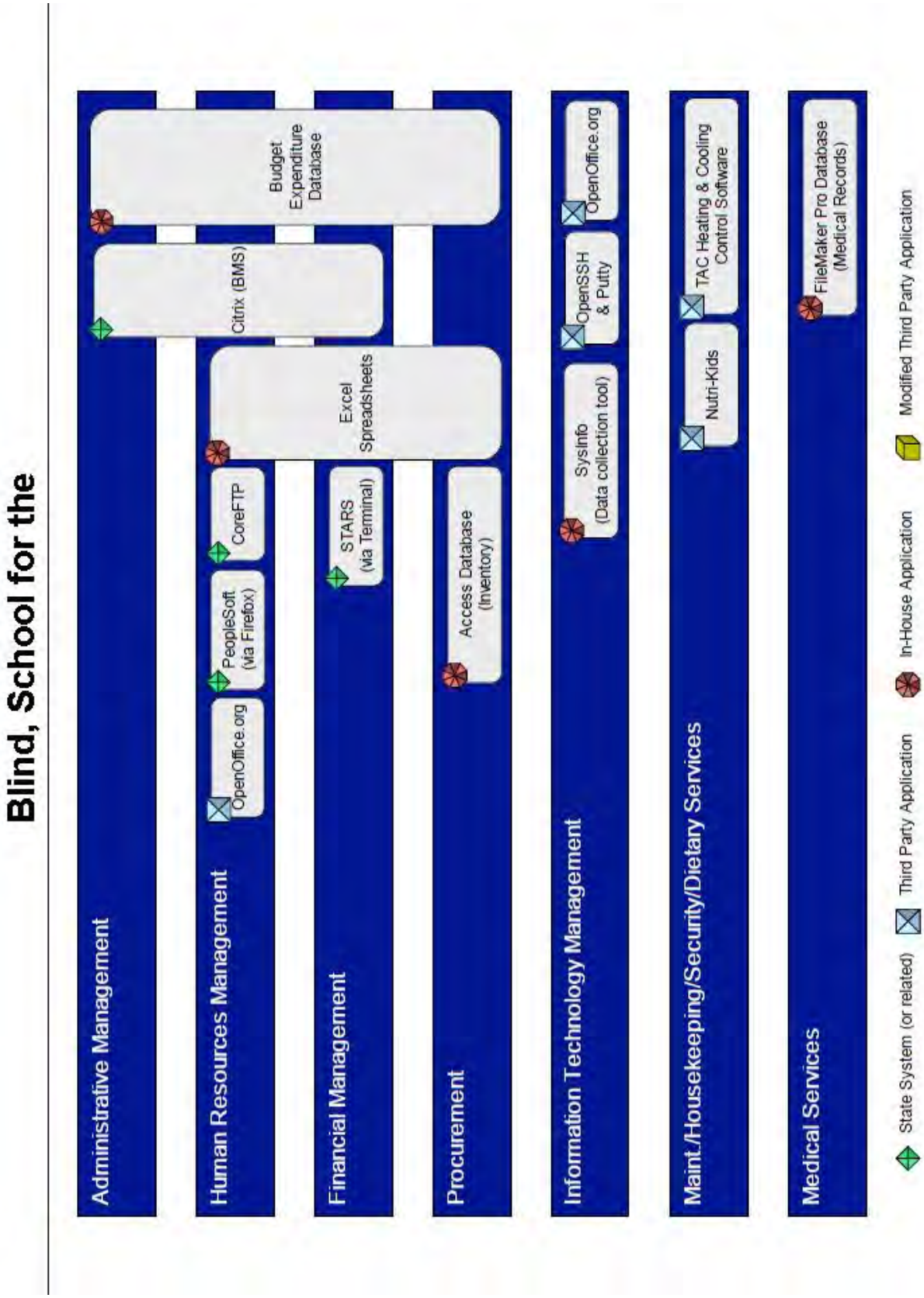


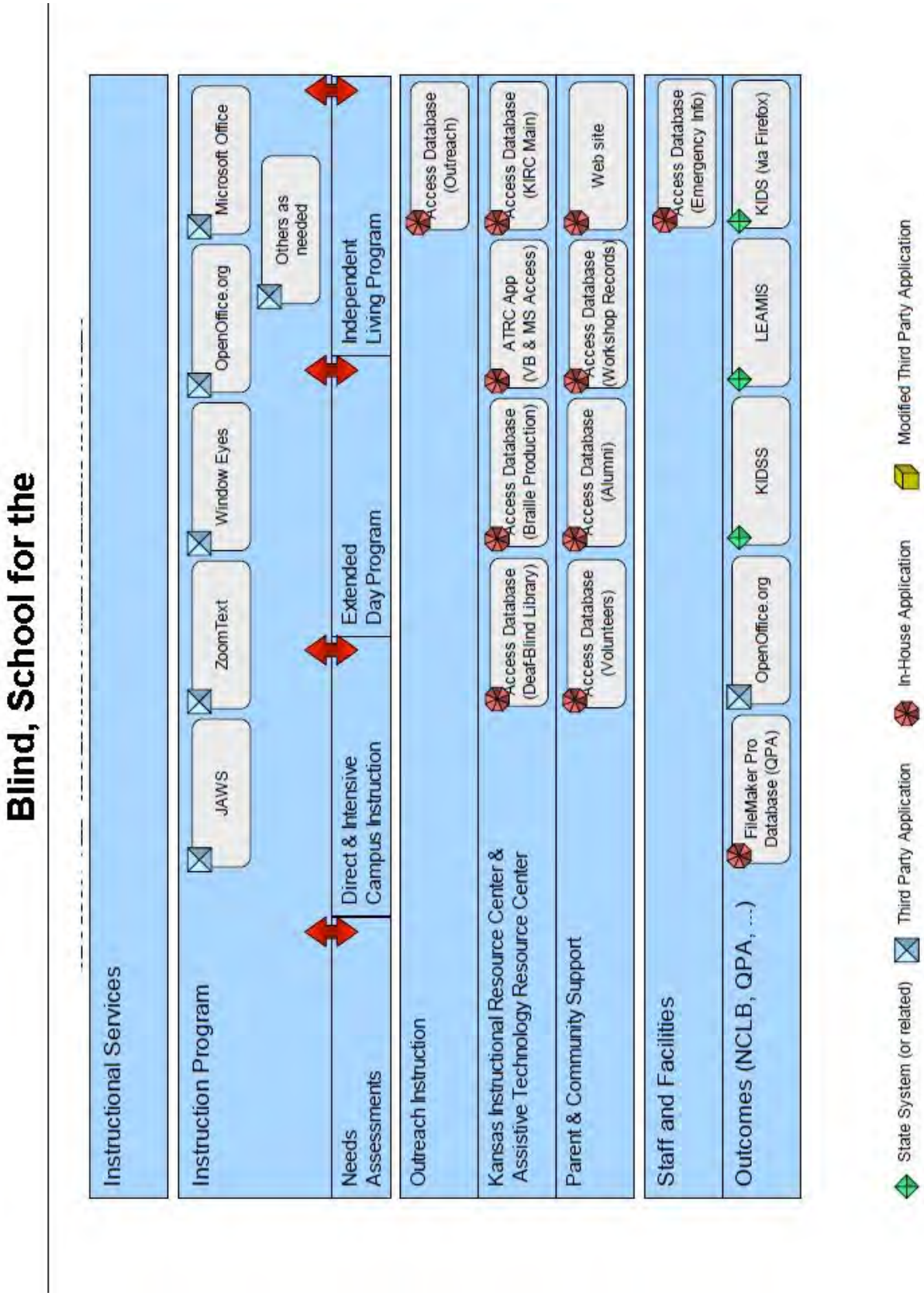
Aging, Department of continued



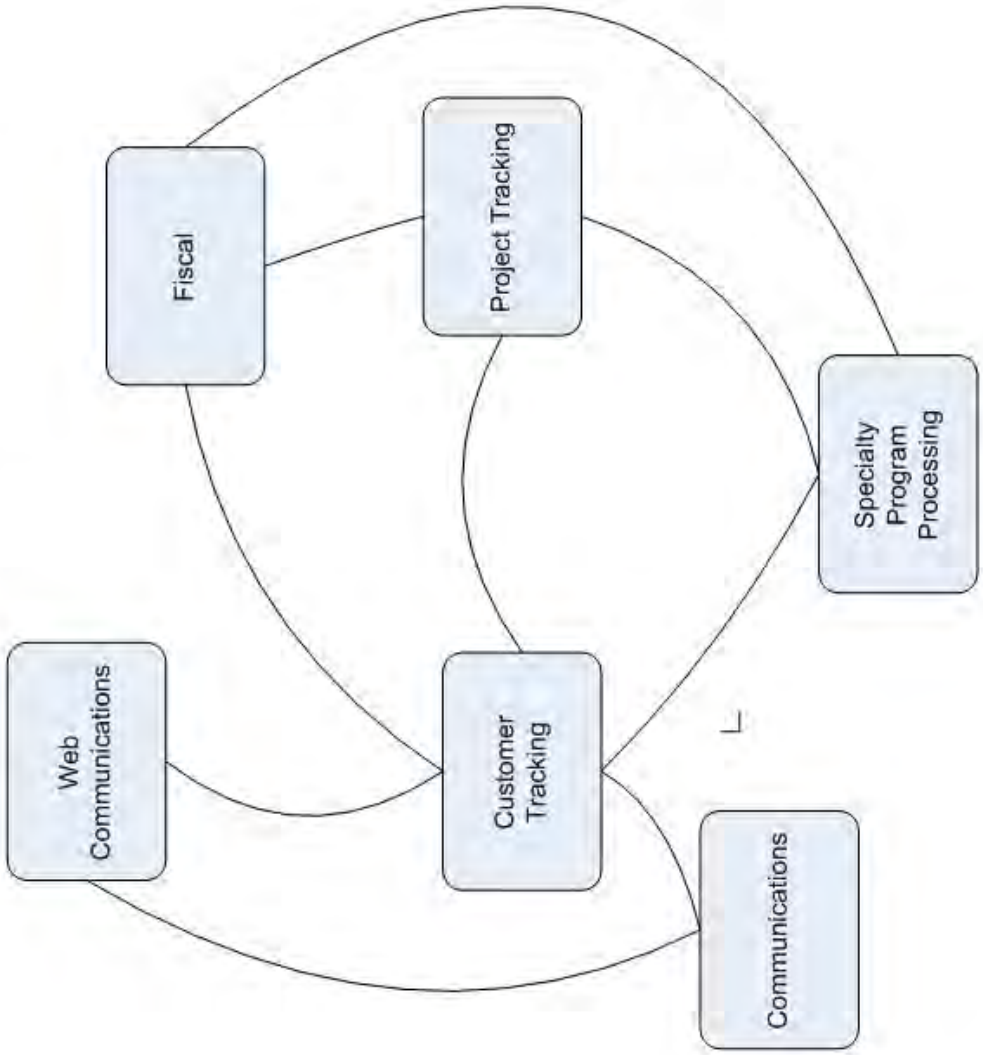
Bank Commissioner, Office of




Blind, School for the
Administrative Management
Budget Expenditure Database
Citrix (BMS)
Human Resources Management
OpenOffice.org
PeopleSoft (via Firefox)
CoreFTP
Excel Spreadsheets
Financial Management
STARS (via Terminal)
Procurement
Access Database (Inventory)
Information Technology Management
SysInfo (Data collection tool)
OpenSSH & Putty
OpenOffice.org
Maint./Housekeeping/Security/Dietary Services
Nutri-Kids
TAC Heating & Cooling Control Software
Medical Services
FileMaker Pro Database (Medical Records)
State System (or related)
Third Party Application
In-House Application
Modified Third Party Application

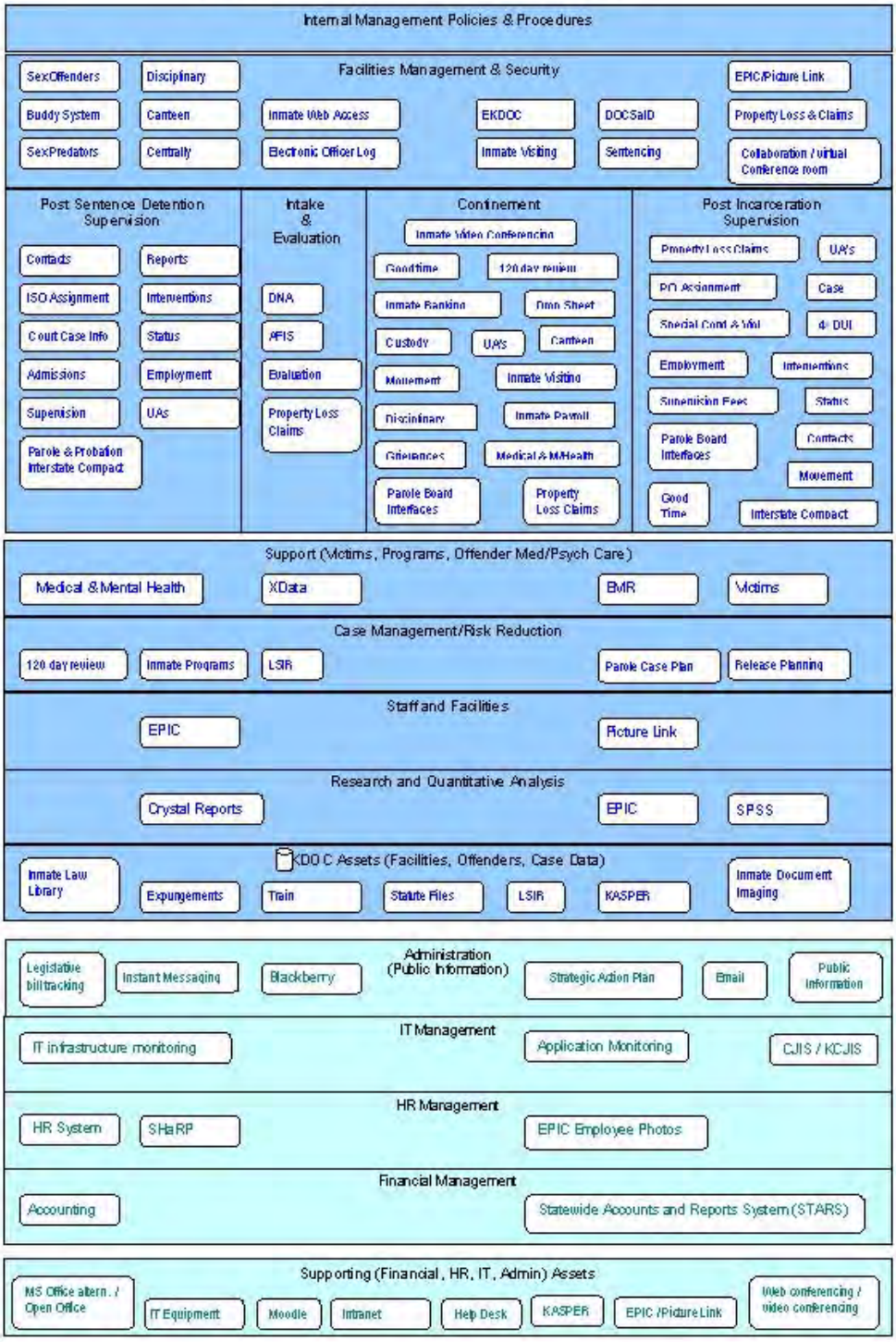

Blind, School for the
Instructional Services
Instruction Program
JAWS
ZoomText
Window Eyes
OpenOffice.org
Microsoft Office
Others as needed
Needs Assessments
Direct & Intensive Campus Instruction
Extended Day Program
Independent Living Program
Outreach Instruction
Access Database (Outreach)
Kansas Instructional Resource Center & Assistive Technology Resource Center
Access Database (Deaf-Blind Library)
Access Database (Braille Production)
ATRC App (VB & MS Access)
Access Database (KIRC Main)
Parent & Community Support
Access Database (Volunteers)
Access Database (Alumni)
Access Database (Workshop Records)
Web site
Staff and Facilities
Access Database (Emergency Info)
Outcomes (NCLB, QPA, ...)
FileMaker Pro Database (QPA)
OpenOffice.org
KIDSS
LEAMIS
KIDS (via Firefox)
State System (or related)
Third Party Application
In-House Application
Modified Third Party Application

Commerce, Department of

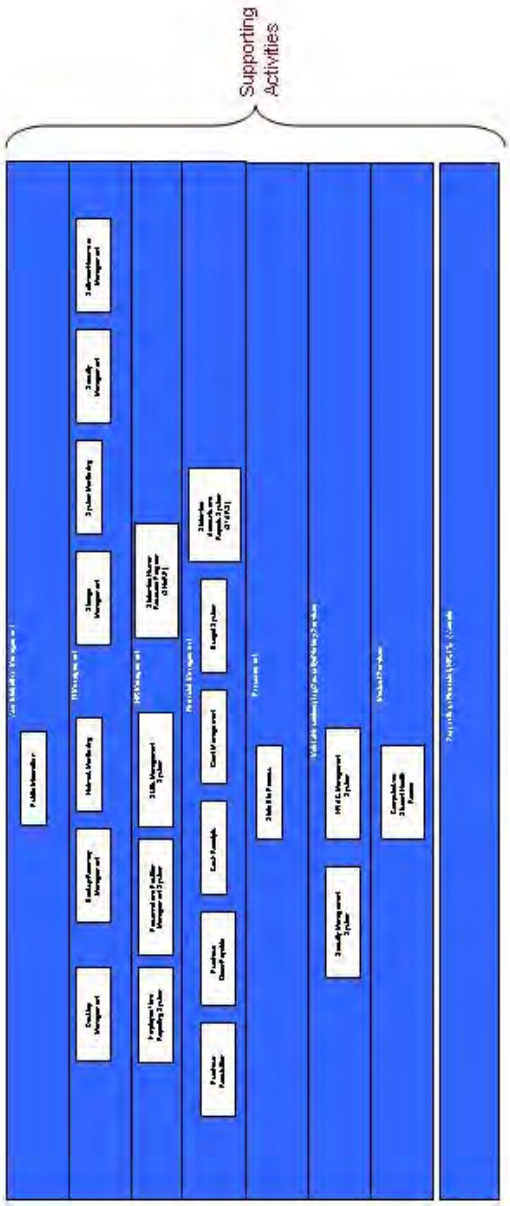


Corrections, Department of

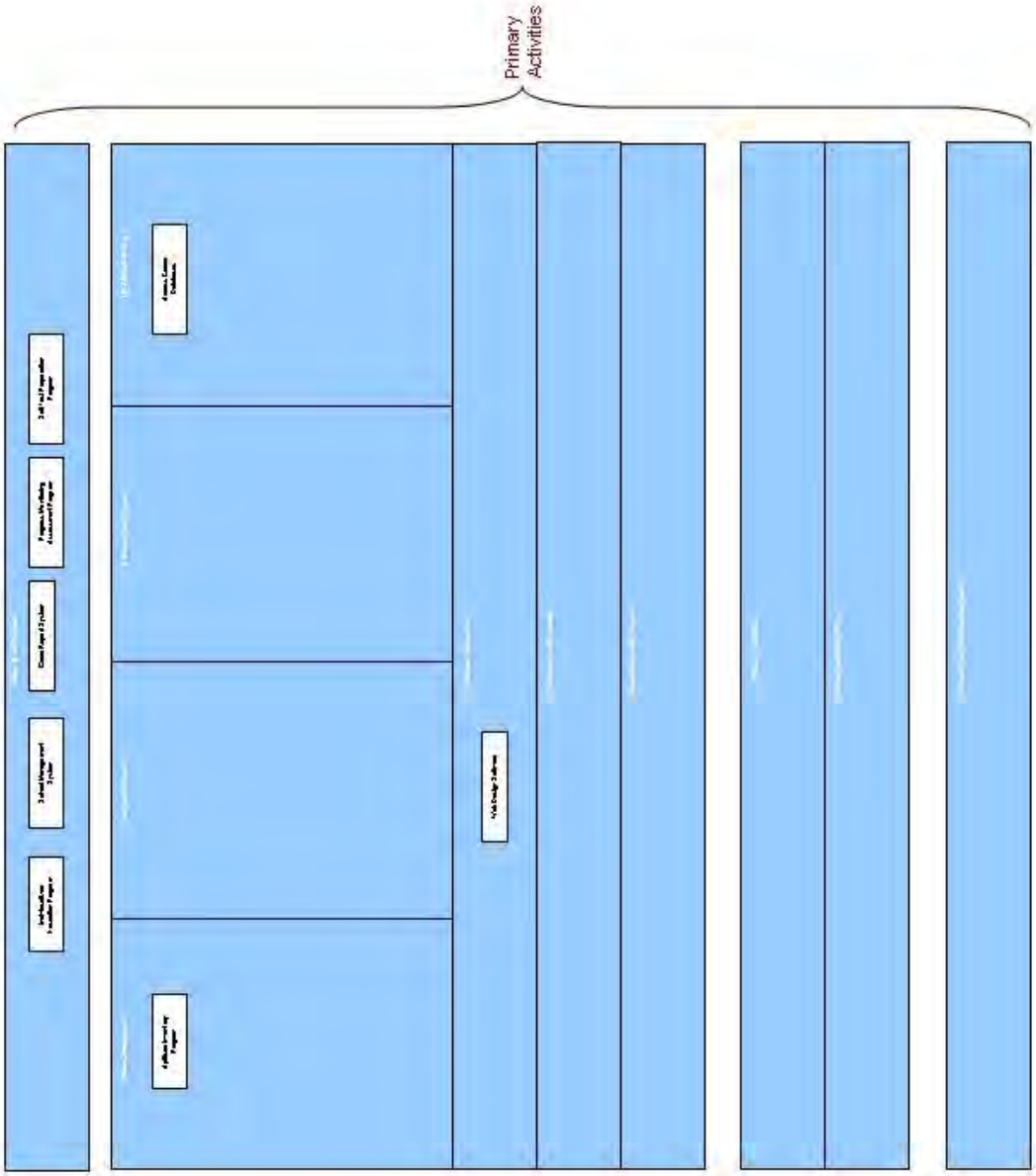
SECTION VIII ENTERPRISE APPLICATION MAP

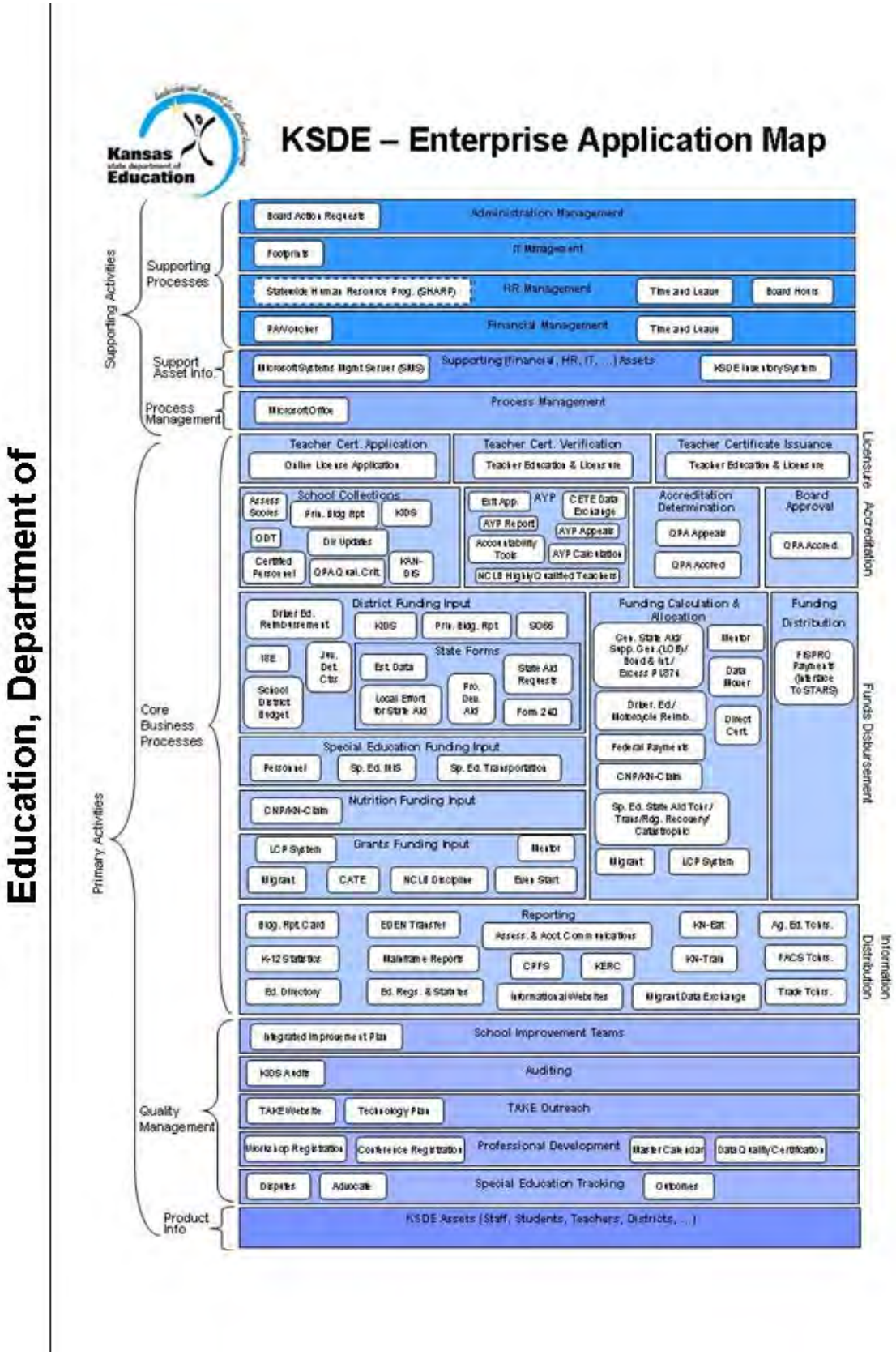


Deaf, School for the

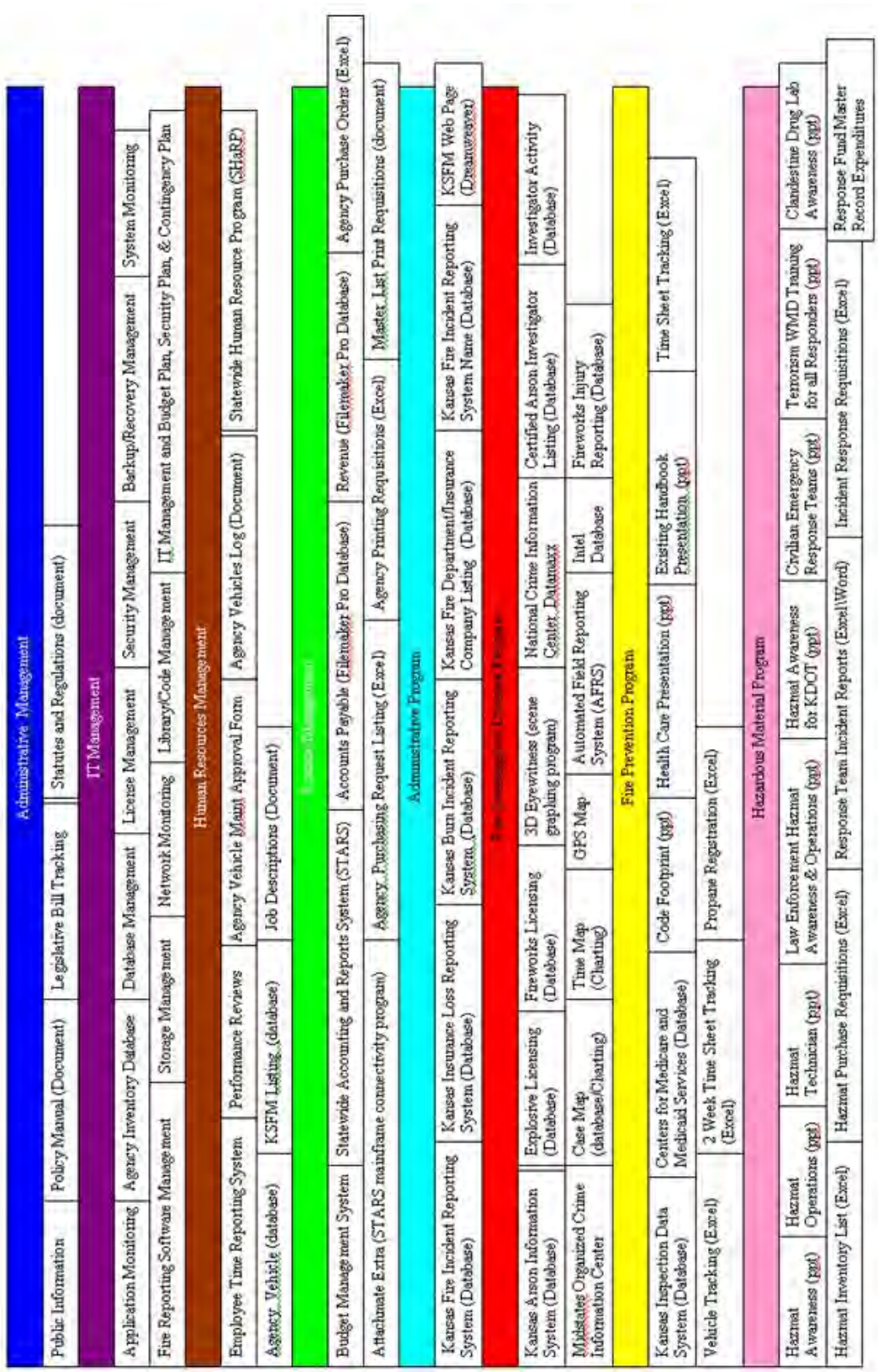


Deaf, School for the

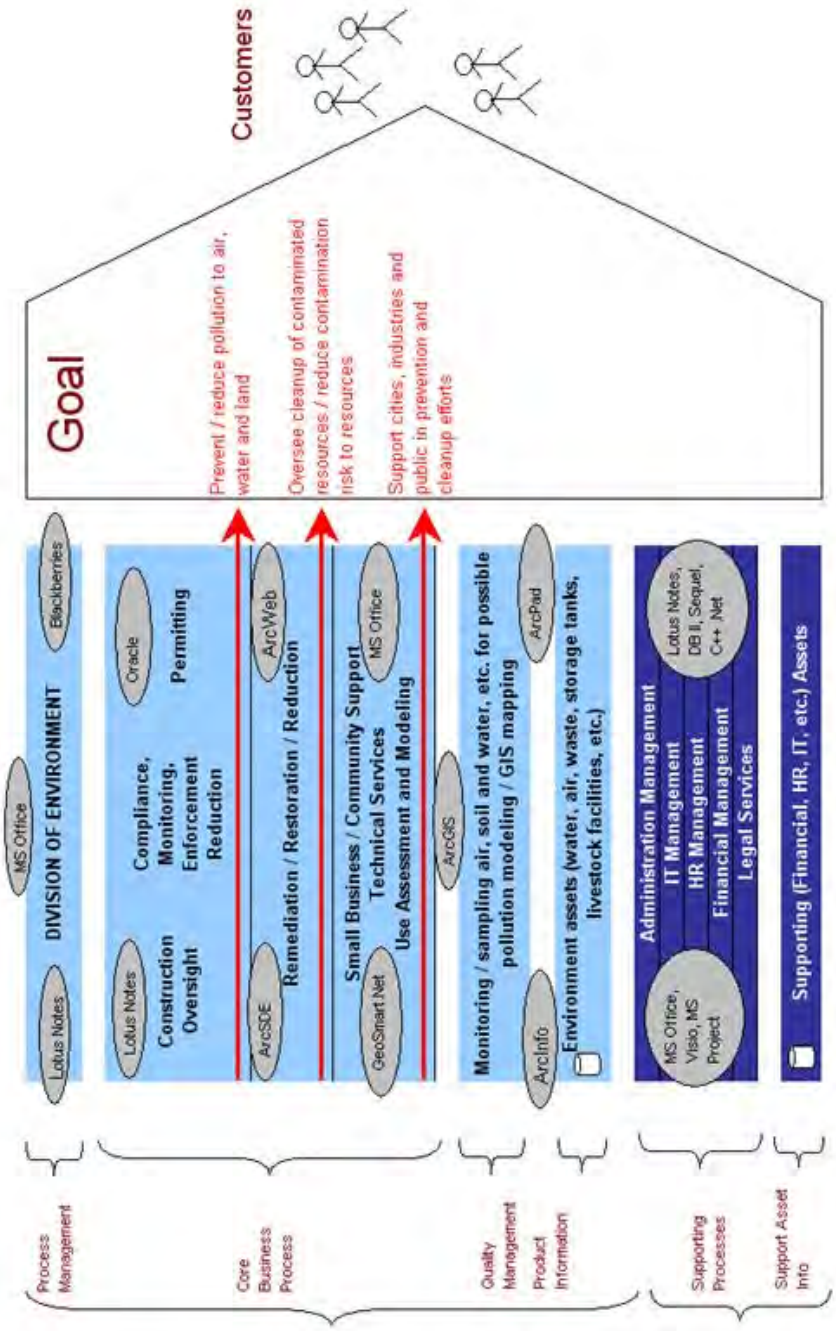



Education, Department of
Kansas Education
KSDE – Enterprise Application Map
Supporting Activities
Supporting Processes
Board Action Requests
Administration Management
Footprints
IT Management
Statewide Human Resource Prog. (SHARP)
HR Management
Time and Leave
Board Hours
PA/Voucher
Financial Management
Time and Leave
Support Asset Info.
Microsoft Systems Right Server (SMS)
Supporting (financial, HR, IT, ...) Assets
KSDE Inventory System
Process Management
Microsoft Office
Process Management
Primary Activities
Core Business Processes
Teacher Cert. Application
Online License Application
Teacher Cert. Verification
Teacher Education & Licensure
Teacher Certificate Issuance
Teacher Education & Licensure
Licensure
School Collections
Assess Scores
Prin. Bldg Rpt
KIDS
ODT
Dir Updates
Certified Personnel
QPA Qual. Crit.
KAN-DIS
Eff App.
AYP
CETE Data Exchange
AYP Report
AYP Appeals
Accountability Tools
AYP Calculation
NCLB Highly Qualified Teachers
Accreditation
Accreditation Determination
QPA Appeals
QPA Accred
Board Approval
QPA Accred.
Accreditation
District Funding Input
Driver Ed. Reimbursement
KIDS
Prin. Bldg. Rpt
SO66
IEE
Jnr. Det. Ctr
School District Budget
State Forms
Ent. Data
Local Effort for State Aid
Fin. Dev. Aid
State Aid Requests
Form 240
Funding Calculation & Allocation
Gen. State Aid/ Supp. Gen. (LOB)/ Bond & Int./ Excess PUSTA
Mentor
Data Mover
Driver. Ed./ Motorcycle Reimb.
Direct Cert.
Federal Payments
CNP/KN-Claim
Sp. Ed. State Aid Tchr./ Trans/Rdg. Recovery/ Catastrophic
Migrant
LCP System
Funding Distribution
FISPRO Payments (Interface To STARS)
Funds Disbursement
Special Education Funding Input
Personnel
Sp. Ed. MIS
Sp. Ed. Transportation
Nutrition Funding Input
CNP/KN-Claim
Grants Funding Input
LCP System
Mentor
Migrant
CATE
NCLB Discipline
Even Start
Reporting
Bldg. Rpt Card
EDEN Transfer
Assess. & Acct. Communications
KN-Edit
Ag. Ed. Tchrs.
K-12 Statistics
Mainframe Reports
CPFS
KERC
KN-Train
FACS Tchrs.
Ed. Directory
Ed. Regs. & Statistics
Informational Websites
Migrant Data Exchange
Trade Tchrs.
Information Distribution
Quality Management
Integrated Improvement Plan
School Improvement Teams
KIDS Audits
Auditing
TAKE Website
Technology Plan
TAKE Outreach
Workshop Registration
Conference Registration
Professional Development
Master Calendar
Data Quality/Certification
Disputes
Advocate
Special Education Tracking
Outcomes
Product Info
KSDE Assets (Staff, Students, Teachers, Districts, ...)

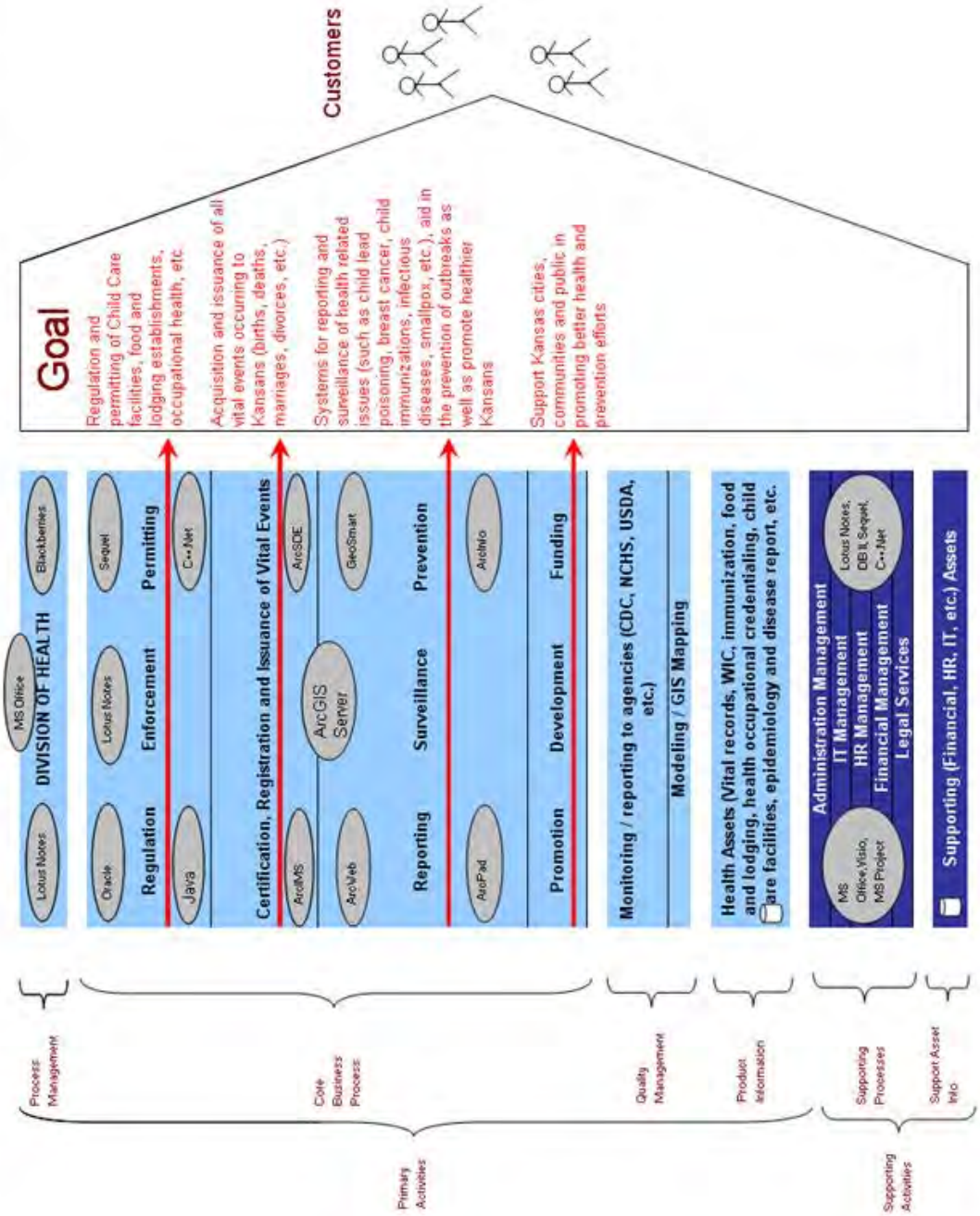
Fire Marshal Office, State



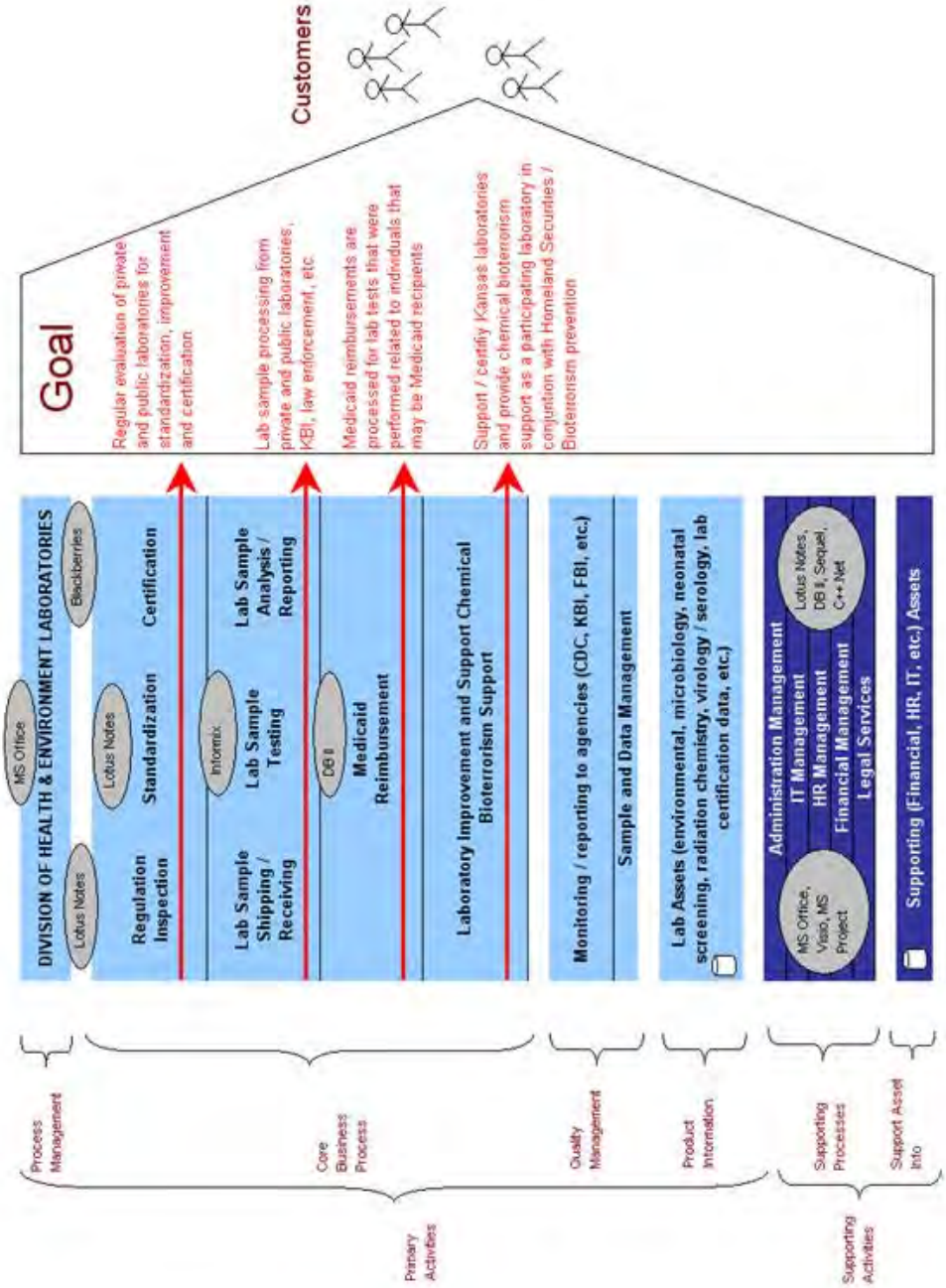
Health and Environment, Kansas Department of

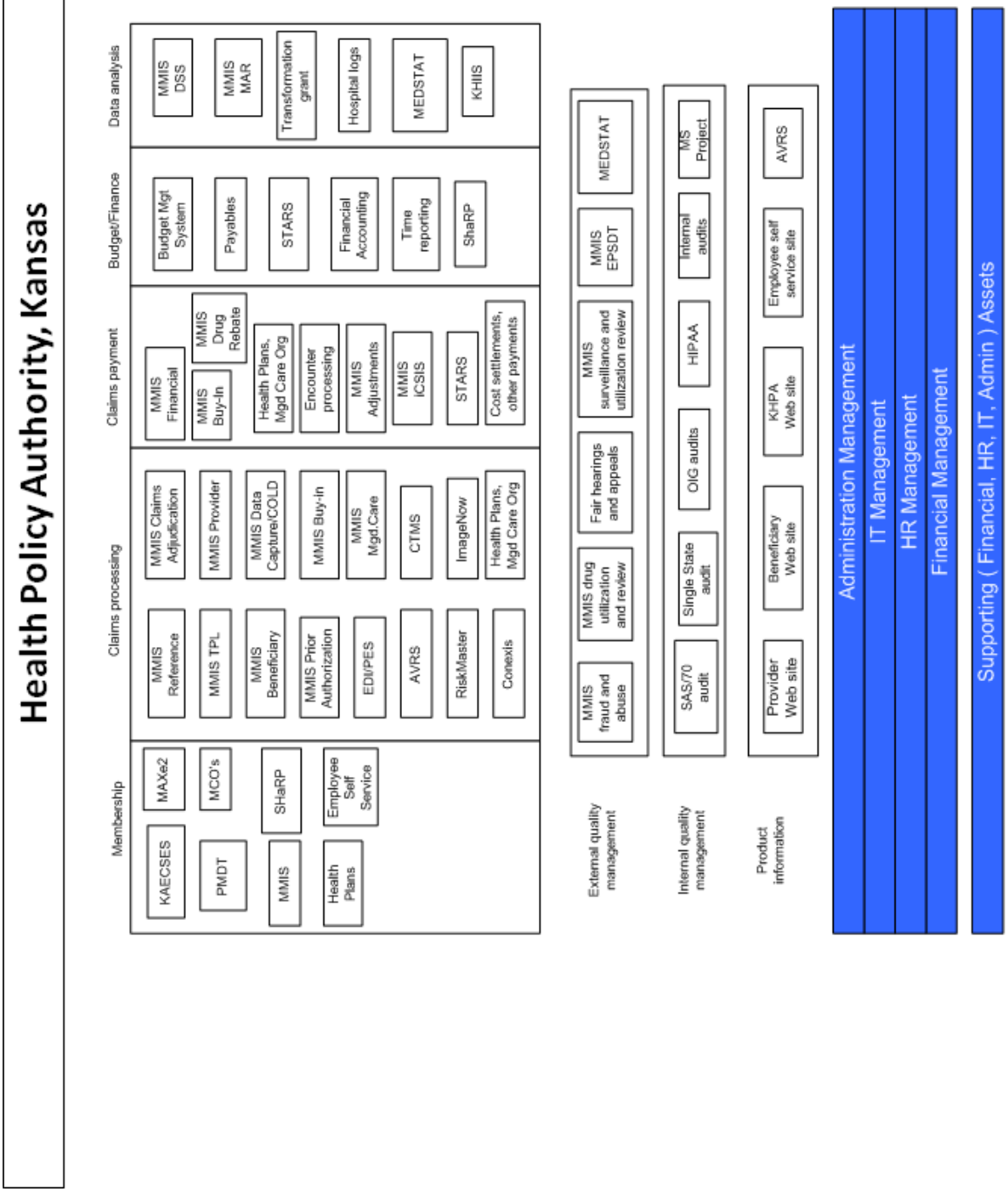


Health and Environment, Kansas Department of

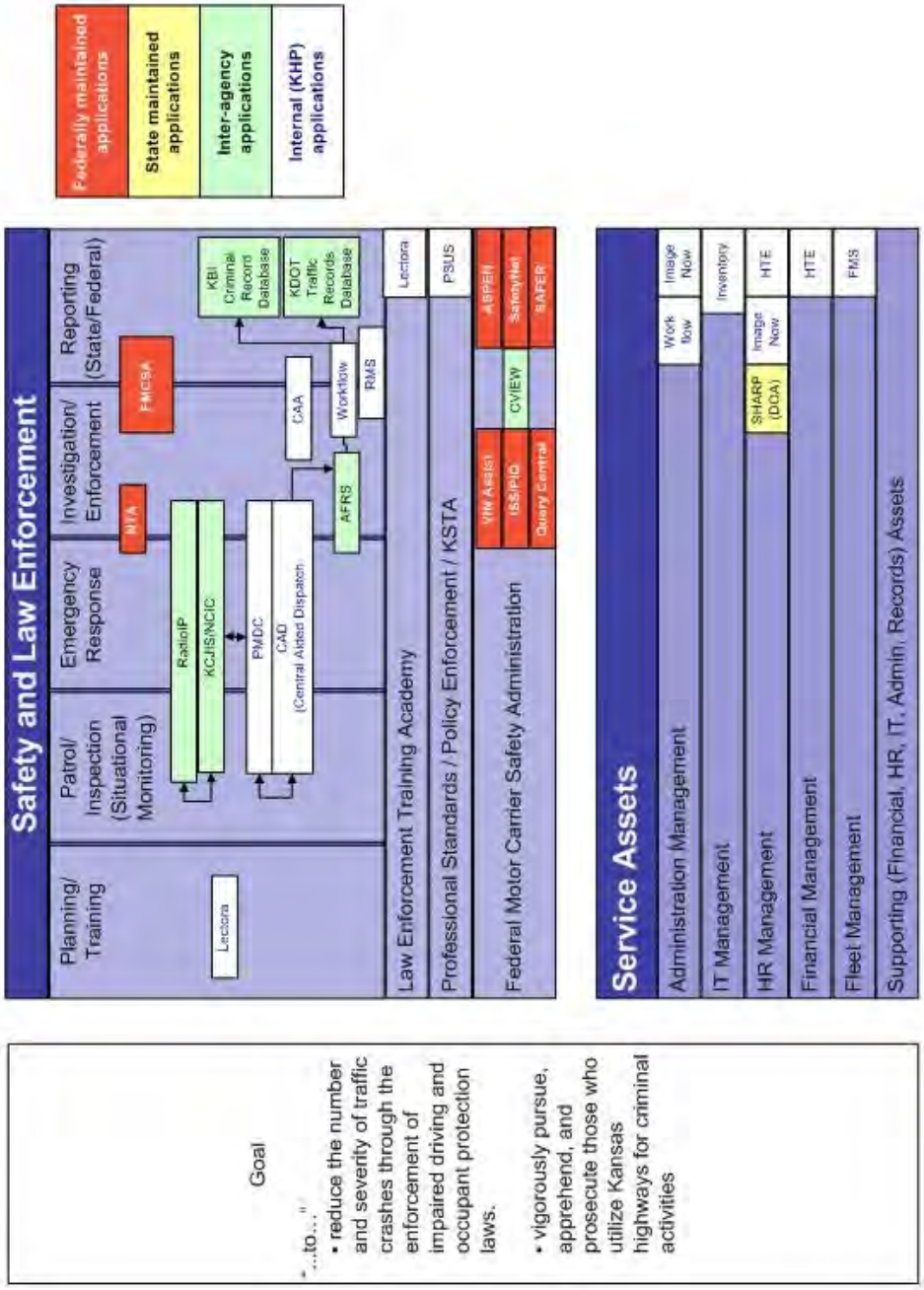


Health and Environment, Kansas Department of

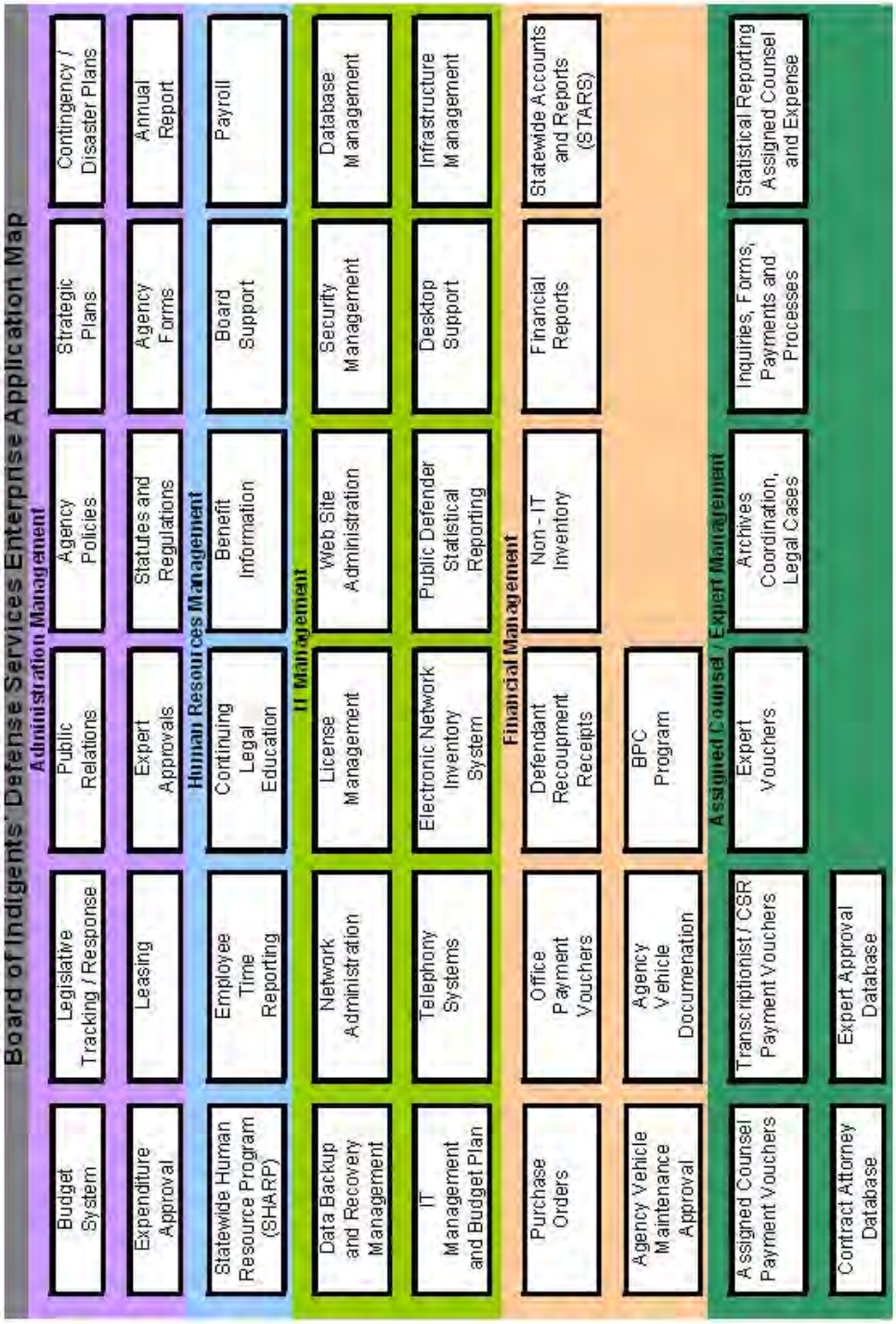



Health Policy Authority, Kansas
Membership
Claims processing
Claims payment
Budget/Finance
Data analysis
KAECSES
MAXe2
PMDT
MCO's
MMIS
SHaRP
Health Plans
Employee Self Service
MMIS Reference
MMIS TPL
MMIS Beneficiary
MMIS Prior Authorization
EDI/PES
AVRS
RiskMaster
Conexis
MMIS Claims Adjudication
MMIS Provider
MMIS Data Capture/COLD
MMIS Buy-in
MMIS Mgd.Care
CTMS
ImageNow
Health Plans, Mgd Care Org
MMIS Financial
MMIS Buy-In
MMIS Drug Rebate
Health Plans, Mgd Care Org
Encounter processing
MMIS Adjustments
MMIS iCSIS
STARS
Cost settlements, other payments
Budget Mgt System
Payables
STARS
Financial Accounting
Time reporting
ShaRP
MMIS DSS
MMIS MAR
Transformation grant
Hospital logs
MEDSTAT
KHIS
External quality management
MMIS fraud and abuse
MMIS drug utilization and review
Fair hearings and appeals
MMIS surveillance and utilization review
MMIS EPSDT
MEDSTAT
Internal quality management
SAS/70 audit
Single State audit
OIG audits
HIPAA
Internal audits
MS Project
Product information
Provider Web site
Beneficiary Web site
KHPA Web site
Employee self service site
AVRS
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, Admin) Assets

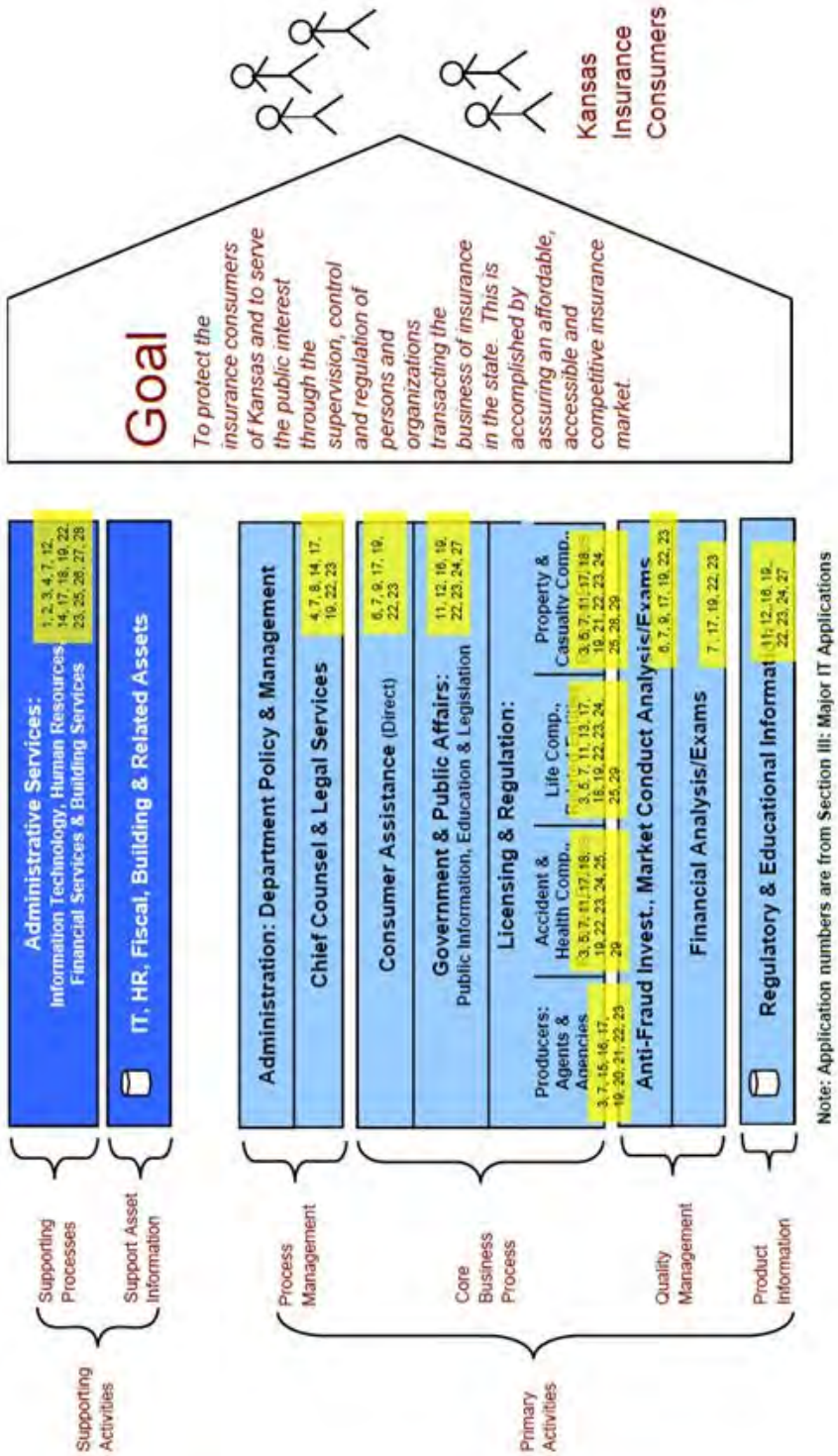
Highway Patrol, Kansas



Indigents' Defense Services, Board of

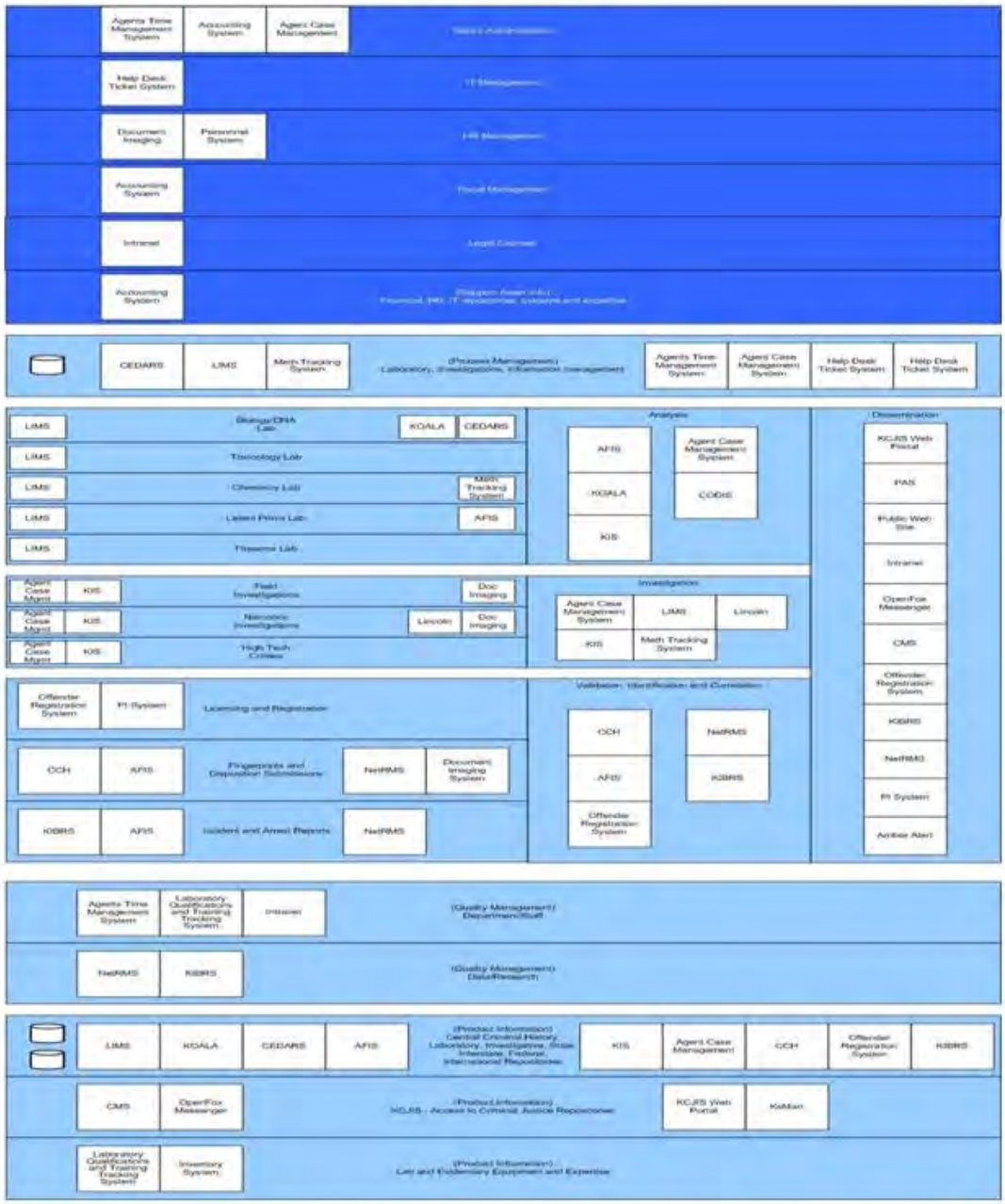


Insurance Department, Kansas

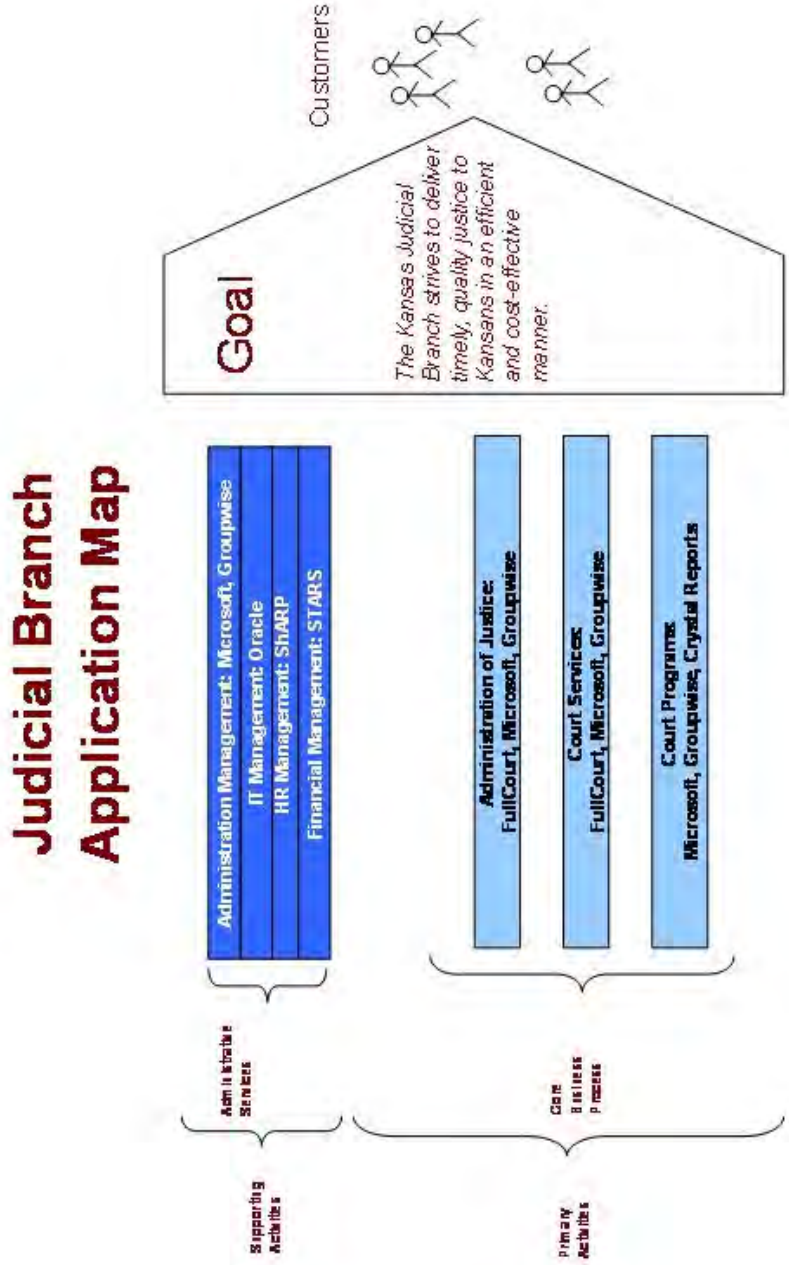


Investigation, Kansas Bureau of

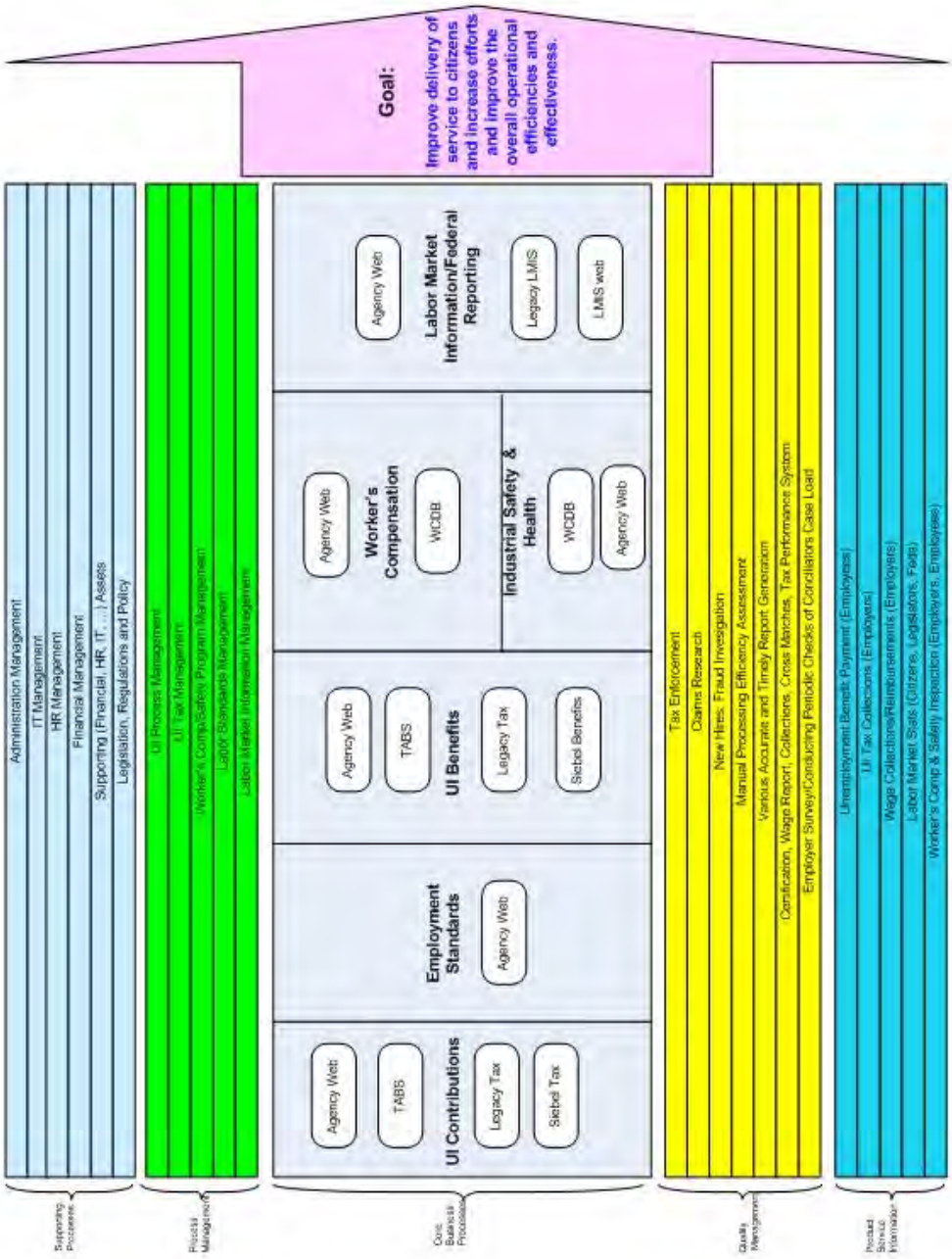
KBI Application Map



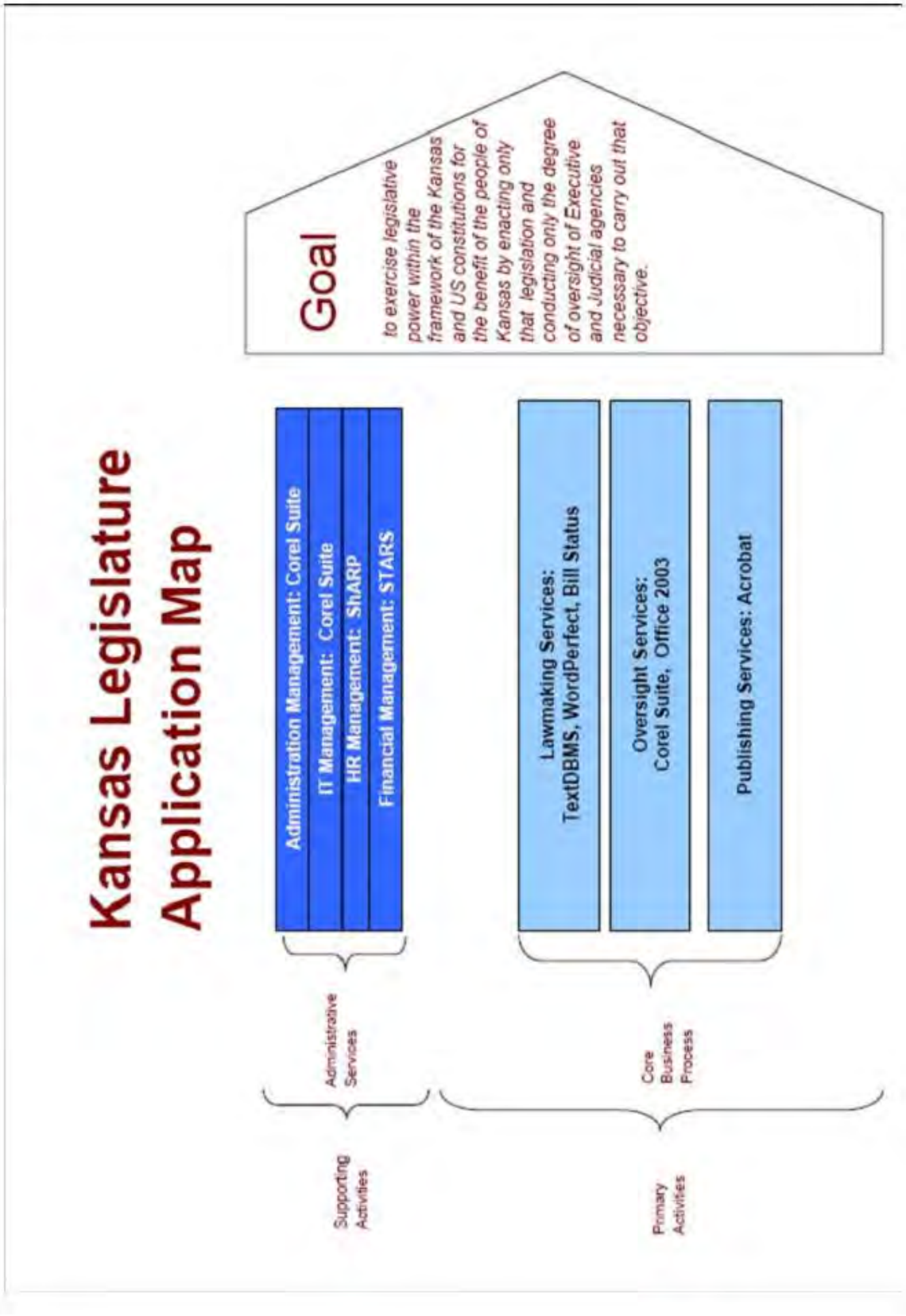
Judicial Branch, Kansas



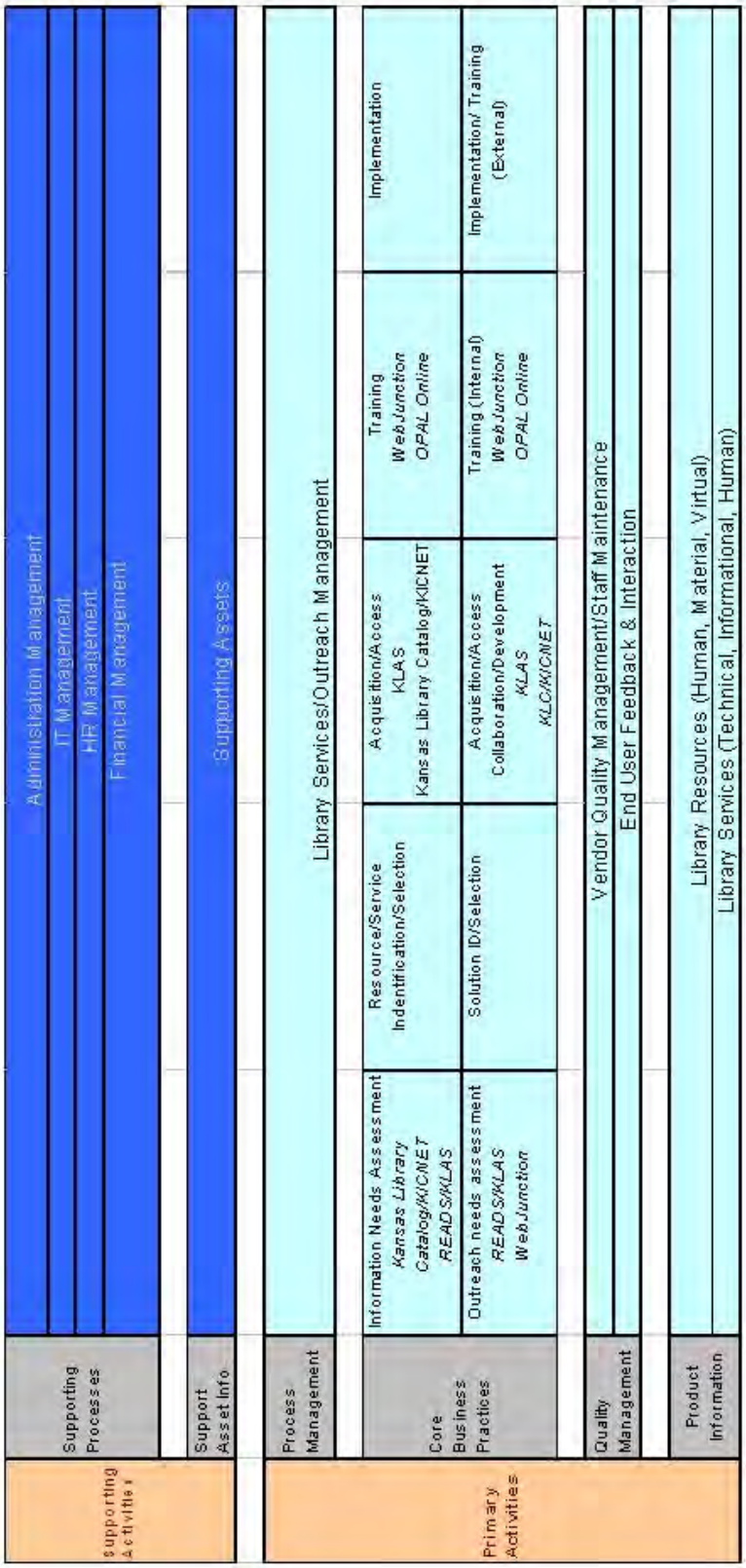
Labor, Department of

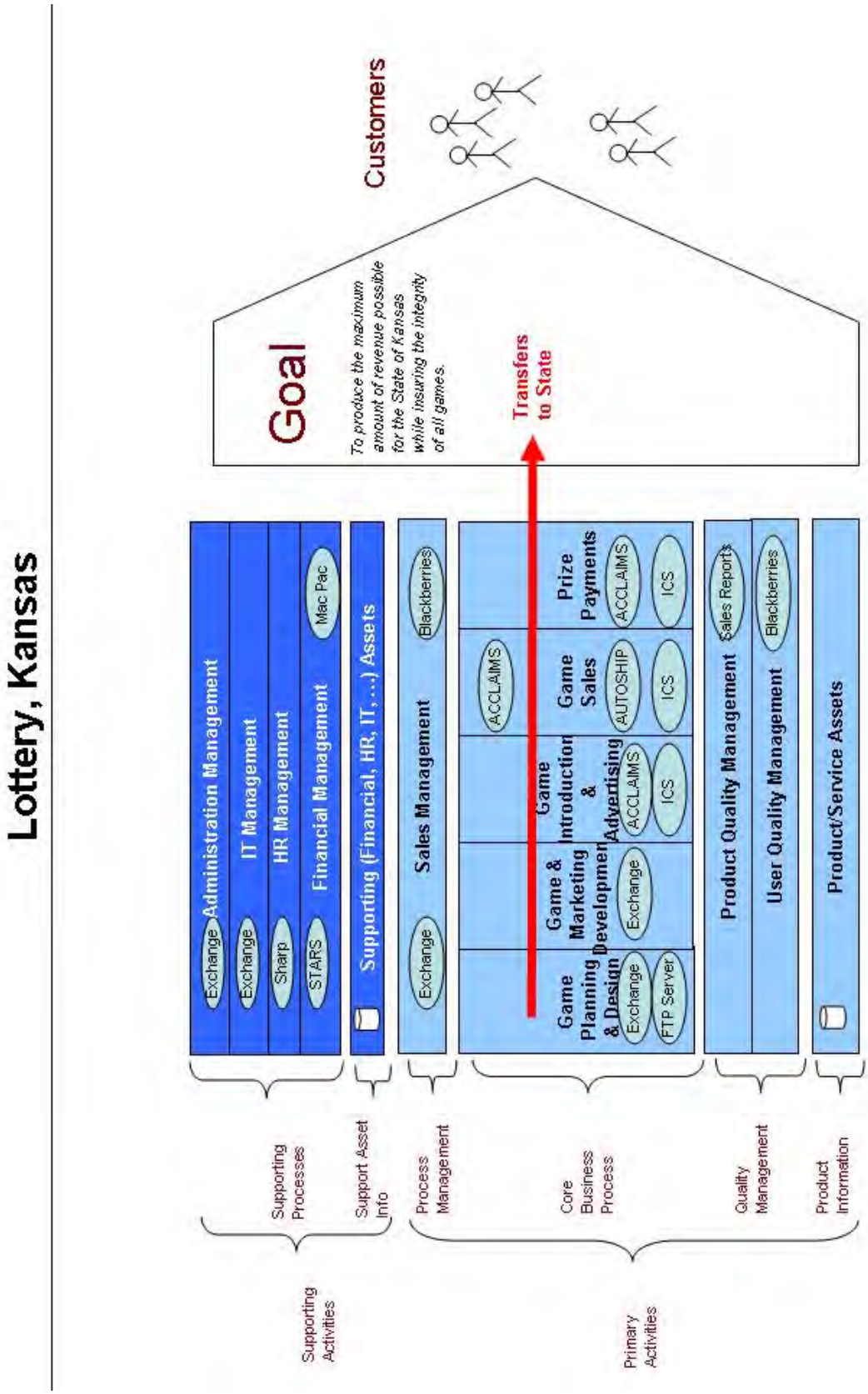


Legislature, Kansas

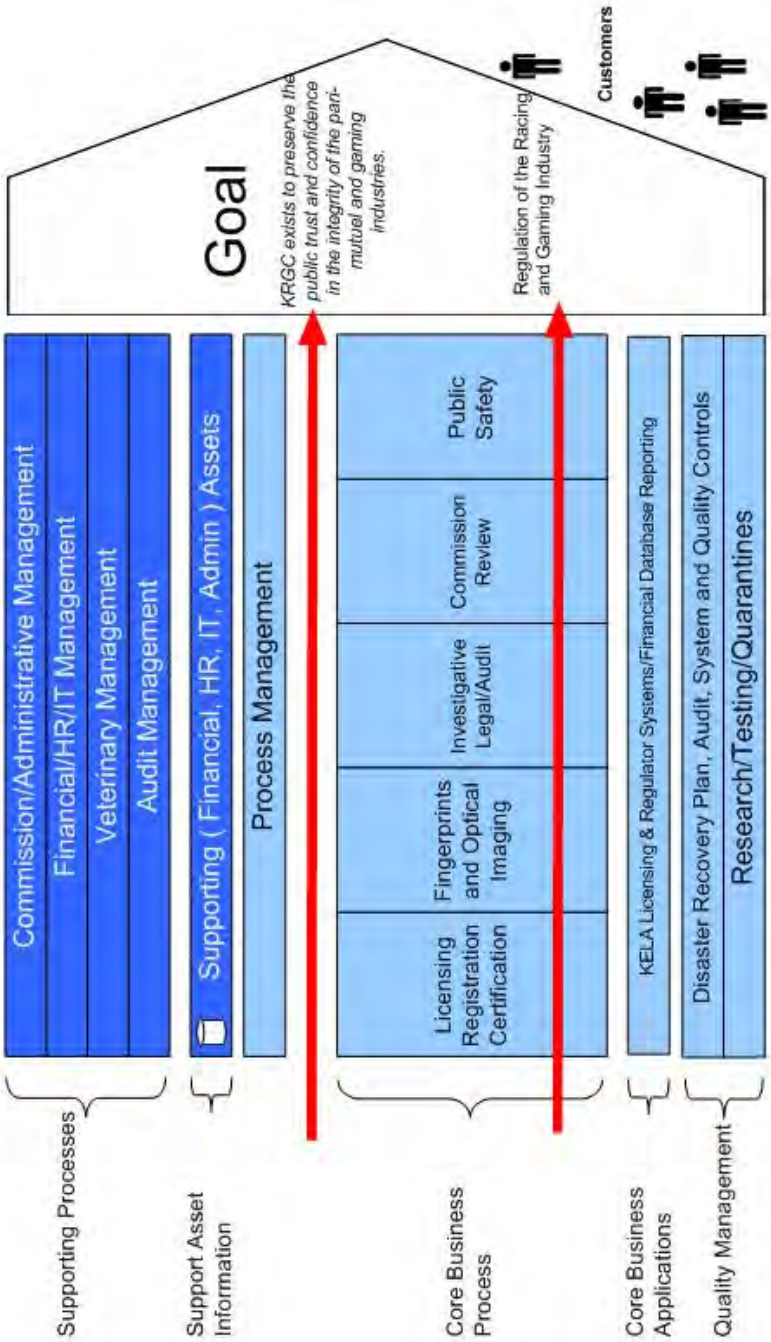


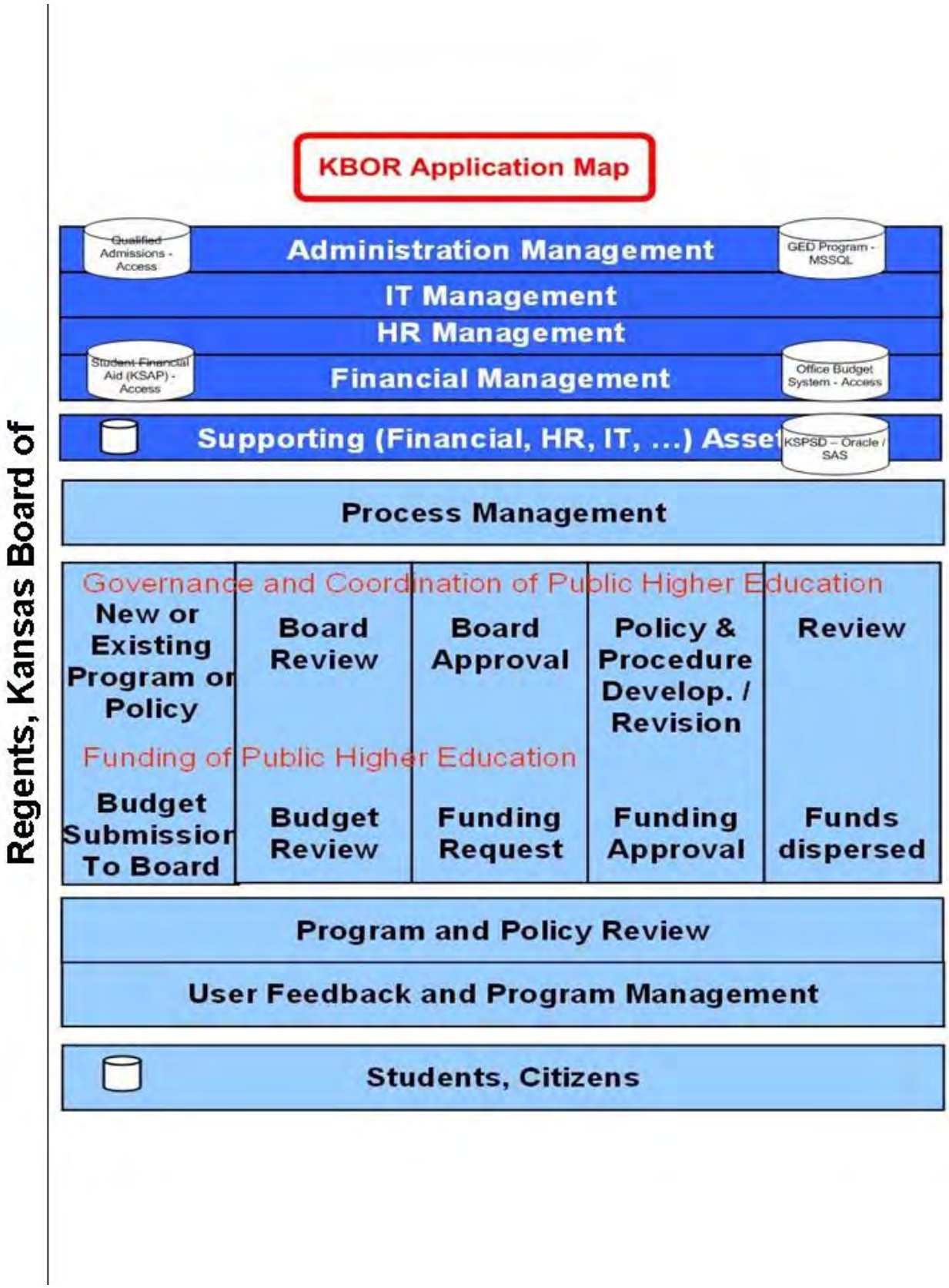
Library, State



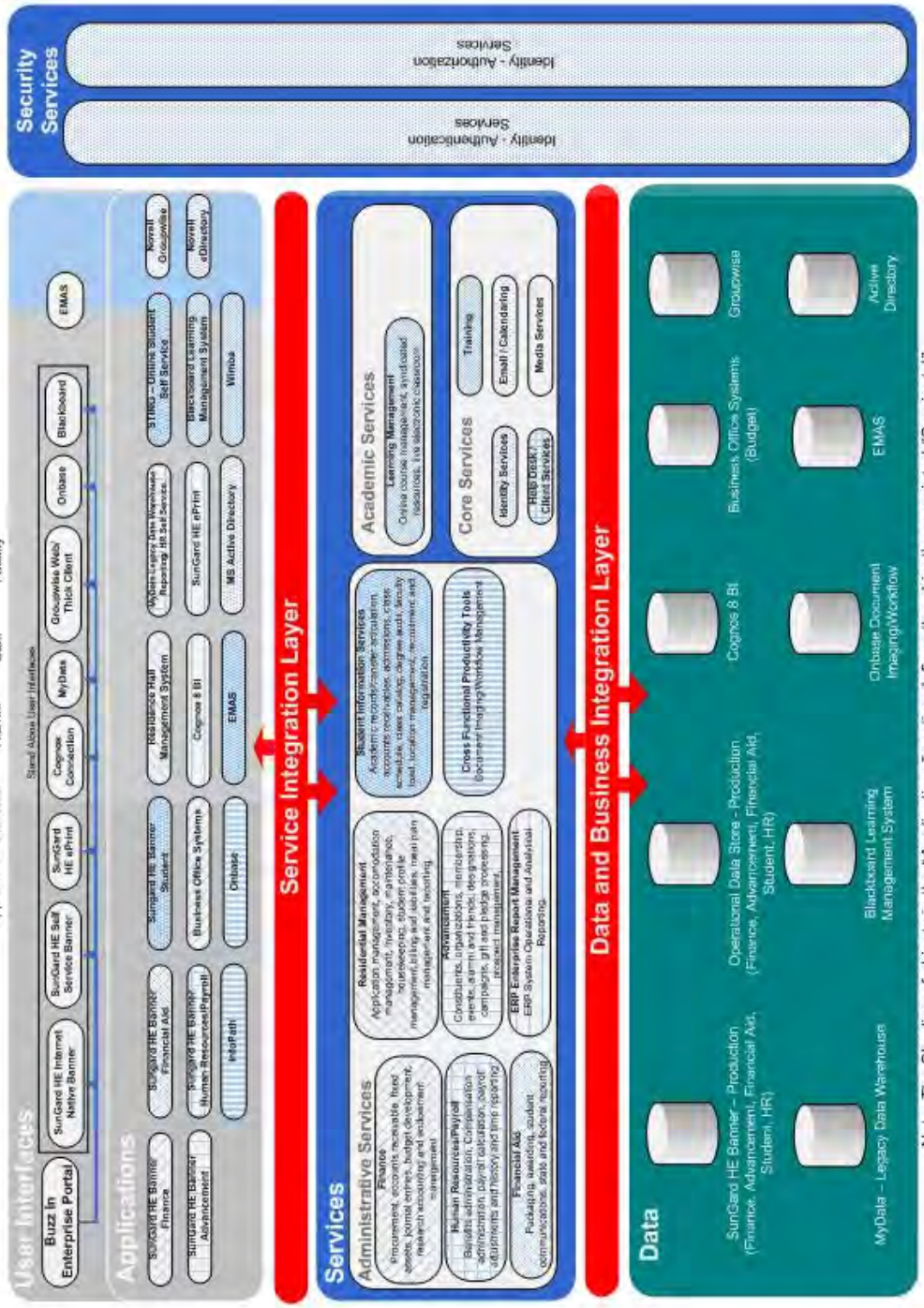

Lottery, Kansas
Customers
Goal
To produce the maximum amount of revenue possible for the State of Kansas while insuring the integrity of all games.
Transfers to State
Administration Management
Exchange
IT Management
Exchange
HR Management
Sharp
Financial Management
STARS
Mac Pac
Supporting (Financial, HR, IT, ...) Assets
Sales Management
Exchange
Blackberries
Game Planning & Design
Exchange
FTP Server
Game & Marketing Development
Exchange
Game Introduction & Advertising
ACCLAIMS
ICS
ACCLAIMS
Game Sales
AUTOSHIP
ICS
Prize Payments
ACCLAIMS
ICS
Product Quality Management
Sales Reports
User Quality Management
Blackberries
Product/Service Assets
Supporting Processes
Support Asset Info
Process Management
Core Business Process
Quality Management
Product Information
Supporting Activities
Primary Activities

Racing and Gaming Commission, Kansas

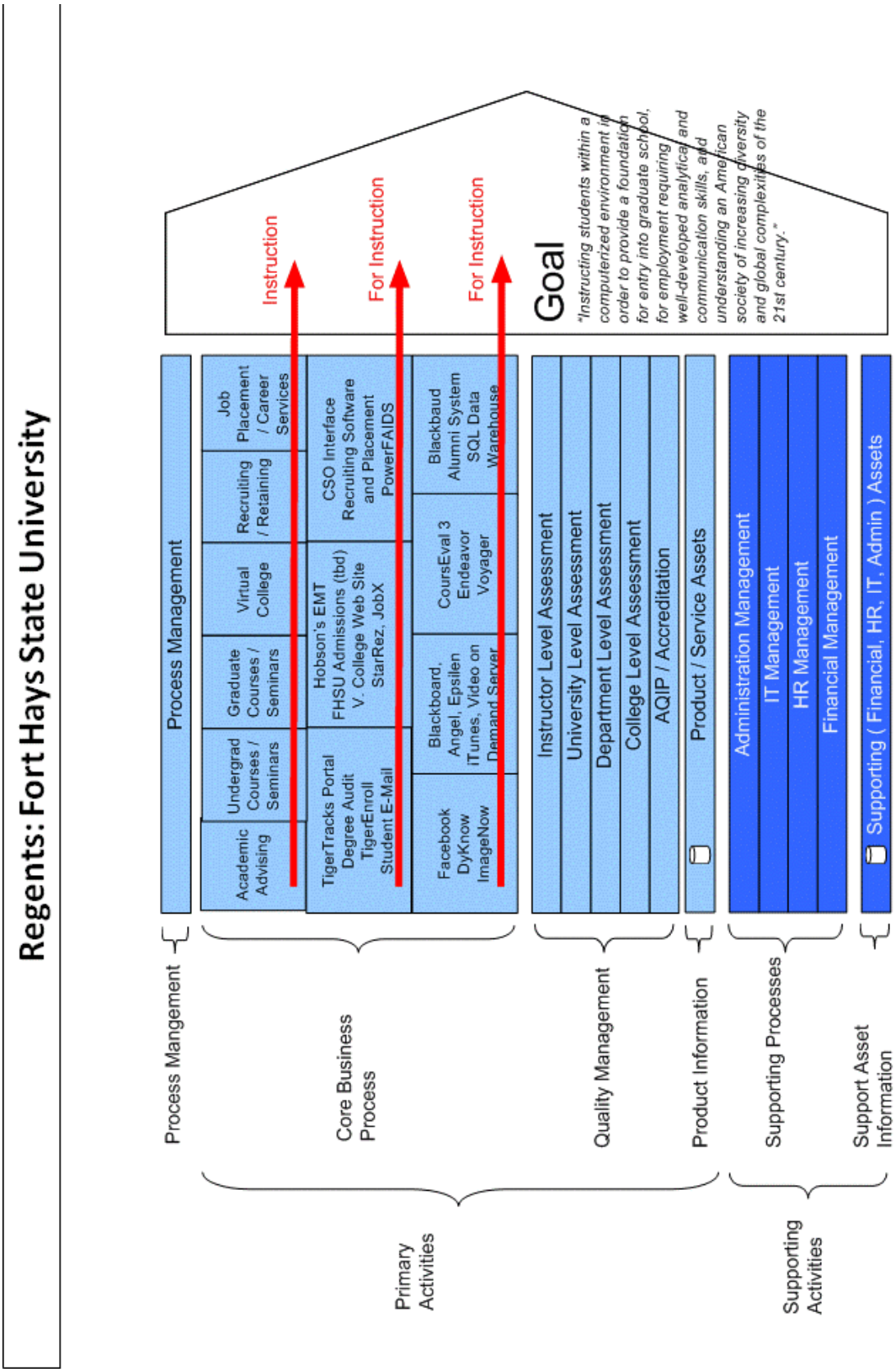



KBOR Application Map
Qualified Admissions - Access
Administration Management
GED Program - MSSQL
IT Management
HR Management
Student Financial Aid (KSAP) - Access
Financial Management
Office Budget System - Access
Supporting (Financial, HR, IT, ...) Asse
KSPSD – Oracle / SAS
Process Management
Governance and Coordination of Public Higher Education
New or Existing Program or Policy
Board Review
Board Approval
Policy & Procedure Develop. / Revision
Review
Funding of Public Higher Education
Budget Submission To Board
Budget Review
Funding Request
Funding Approval
Funds dispersed
Program and Policy Review
User Feedback and Program Management
Students, Citizens
Regents, Kansas Board of

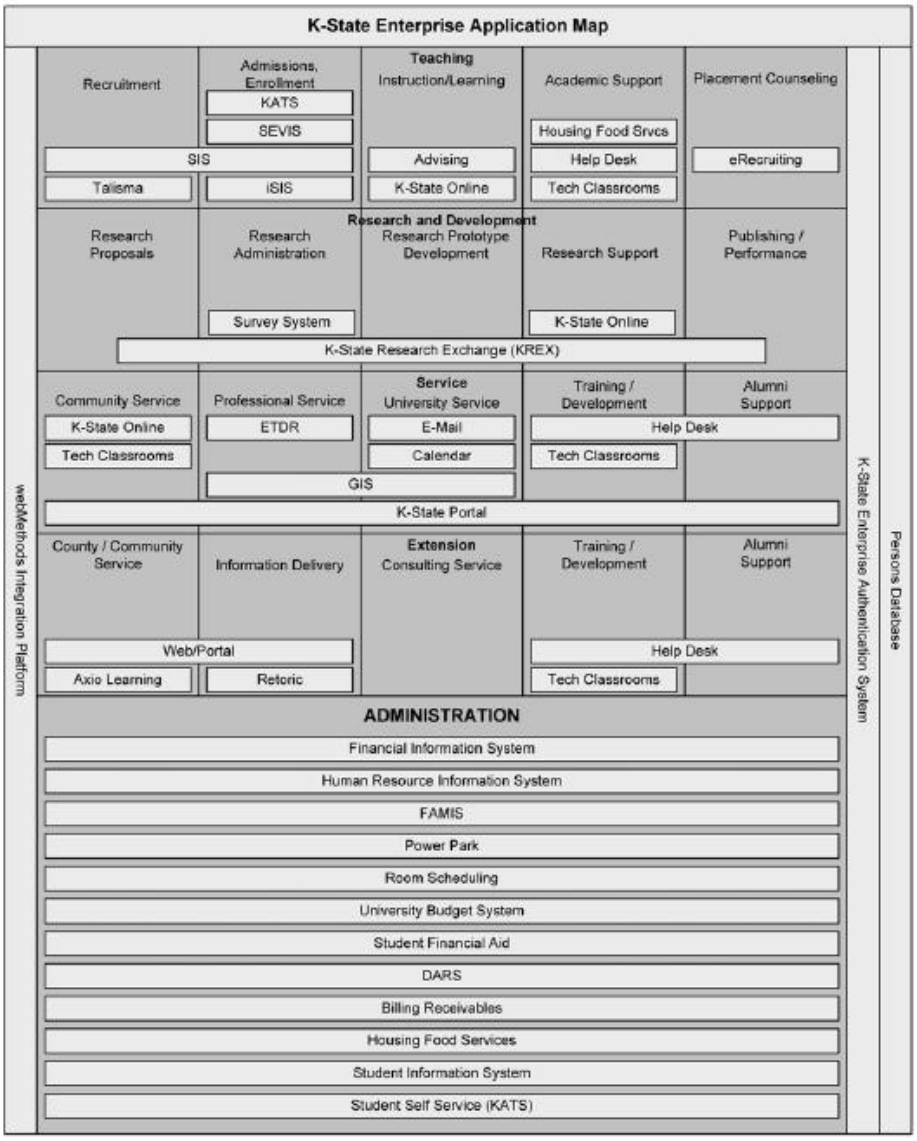
Regents: Emporia State University



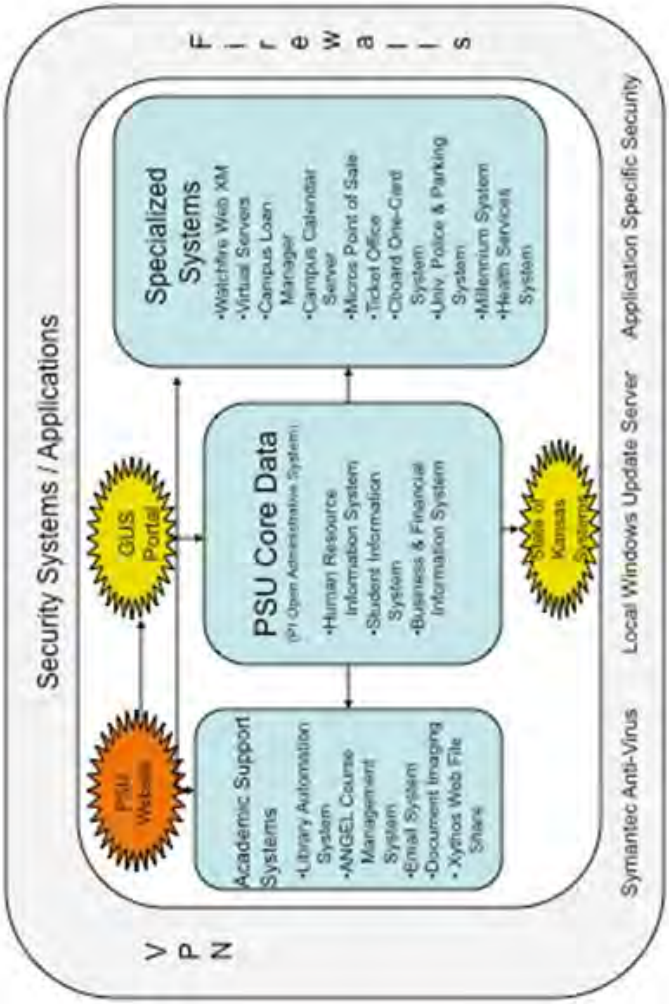
Note: The Shading of objects in the "*Applications*" section defines the object's associated "*Service(s)*"


Regents: Fort Hays State University
Process Mangement
Core Business Process
Quality Management
Product Information
Supporting Processes
Support Asset Information
Primary Activities
Supporting Activities
Process Management
Academic Advising
Undergrad Courses / Seminars
Graduate Courses / Seminars
Virtual College
Recruiting / Retaining
Job Placement / Career Services
TigerTracks Portal
Degree Audit
TigerEnroll
Student E-Mail
Hobson's EMT
FHSU Admissions (tbd)
V. College Web Site
StarRez, JobX
CSO Interface
Recruiting Software
and Placement
PowerFAIDS
Facebook
DyKnow
ImageNow
Blackboard, Angel, Epsilen
iTunes, Video on Demand Server
CoursEval 3
Endeavor
Voyager
Blackbaud
Alumni System
SQL Data Warehouse
Instruction
For Instruction
For Instruction
Goal
"Instructing students within a computerized environment in order to provide a foundation for entry into graduate school, for employment requiring well-developed analytical and communication skills, and understanding an American society of increasing diversity and global complexities of the 21st century."
Instructor Level Assessment
University Level Assessment
Department Level Assessment
College Level Assessment
AQIP / Accreditation
Product / Service Assets
Administration Management
IT Management
HR Management
Financial Management
Supporting (Financial, HR, IT, Admin) Assets

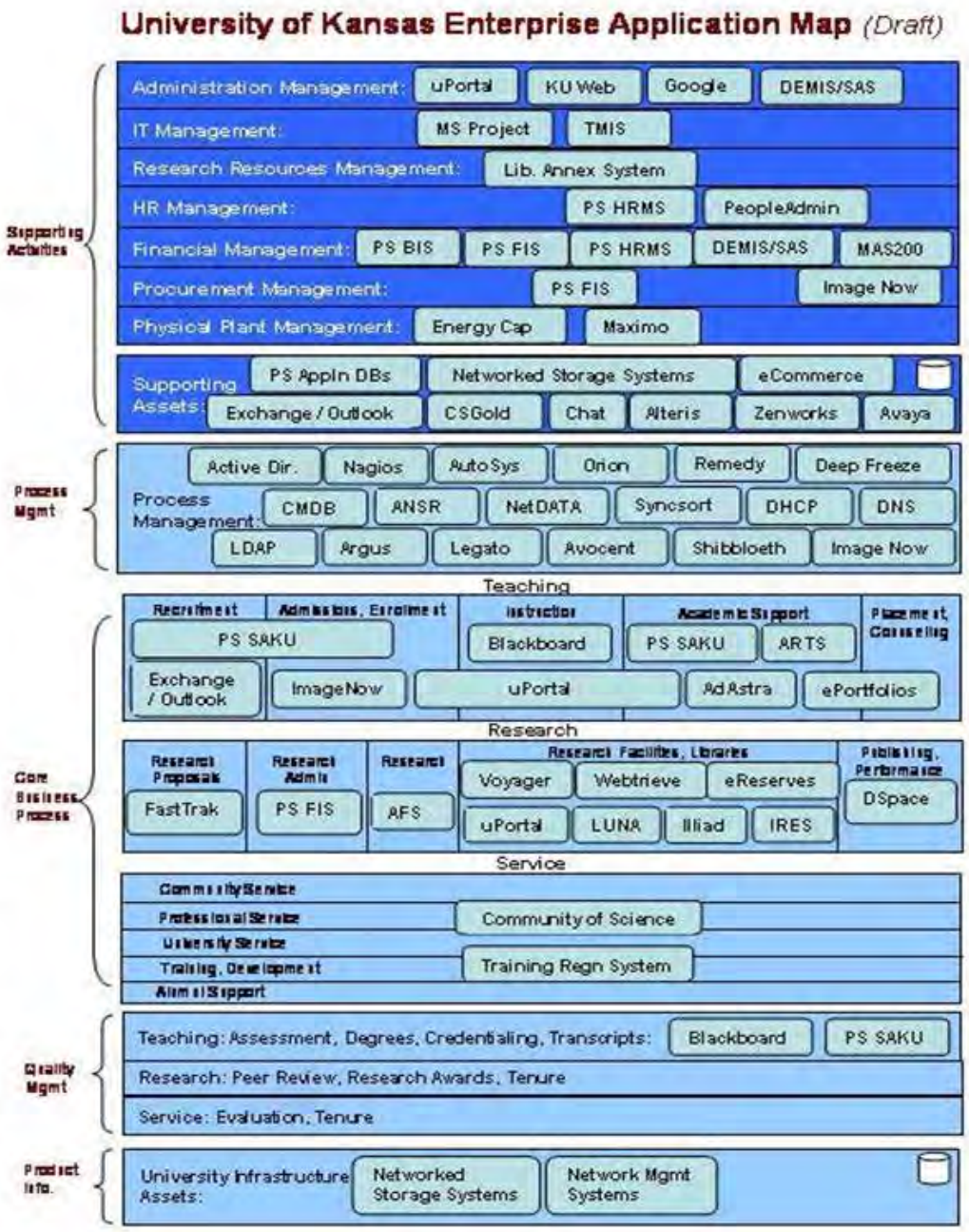
Regents: Kansas State University

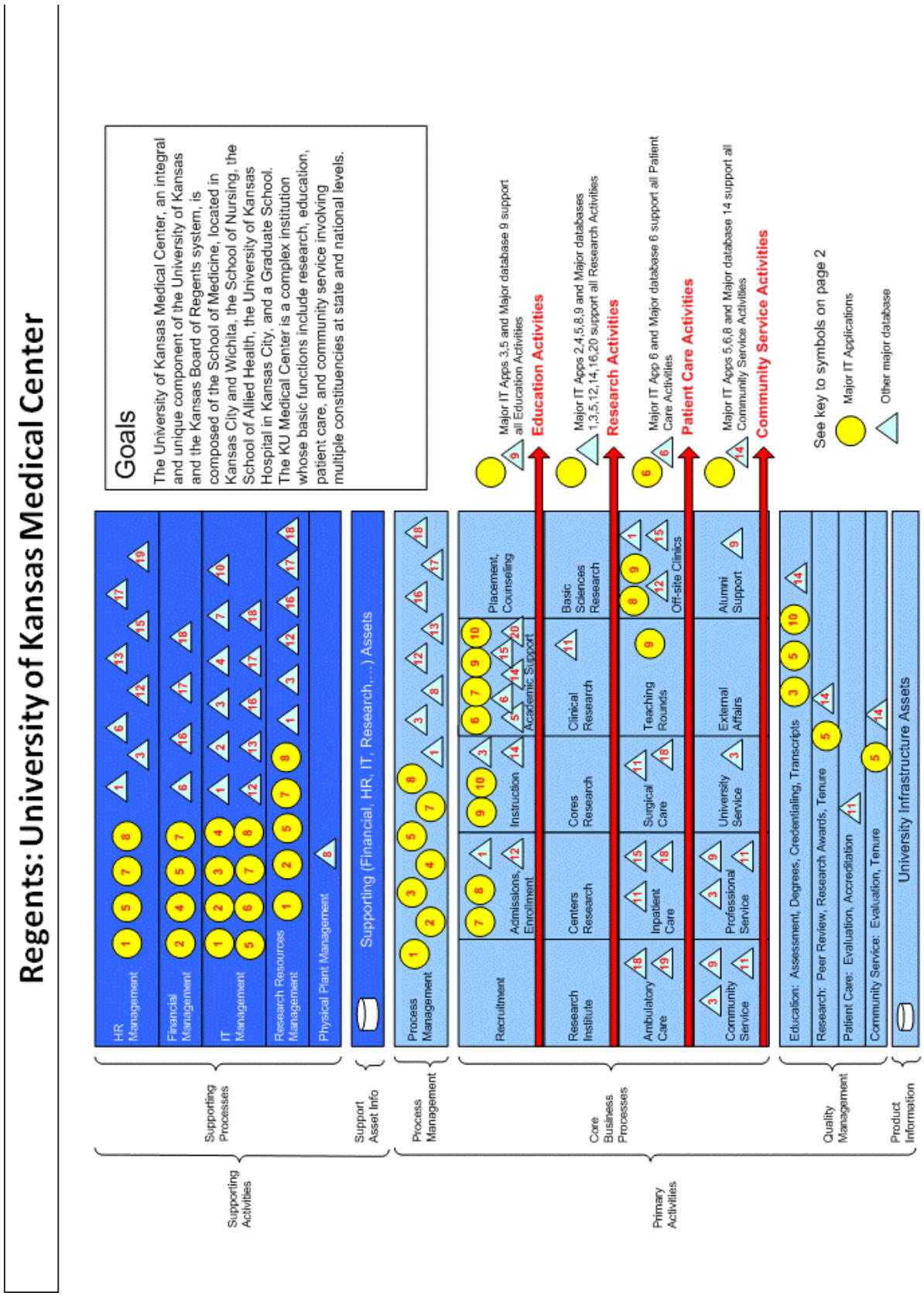


Regents: Pittsburg State University



Regents: University of Kansas




Regents: University of Kansas Medical Center
Goals
The University of Kansas Medical Center, an integral and unique component of the University of Kansas and the Kansas Board of Regents system, is composed of the School of Medicine, located in Kansas City and Wichita, the School of Nursing, the School of Allied Health, the University of Kansas Hospital in Kansas City, and a Graduate School. The KU Medical Center is a complex institution whose basic functions include research, education, patient care, and community service involving multiple constituencies at state and national levels.
Supporting Activities
Supporting Processes
HR Management
Financial Management
IT Management
Research Resources Management
Physical Plant Management
Support Asset Info
Supporting (Financial, HR, IT, Research,...) Assets
Process Management
Process Management
Primary Activities
Core Business Processes
Recruitment
Admissions, Enrollment
Instruction
Academic Support
Placement, Counseling
Research Institute
Centers Research
Cores Research
Clinical Research
Basic Sciences Research
Ambulatory Care
Inpatient Care
Surgical Care
Teaching Rounds
Off-site Clinics
Community Service
Professional Service
University Service
External Affairs
Alumni Support
Major IT Apps 3,5 and Major database 9 support all Education Activities
Education Activities
Major IT Apps 2,4,5,8,9 and Major databases 1,3,5,12,14,16,20 support all Research Activities
Research Activities
Major IT App 6 and Major database 6 support all Patient Care Activities
Patient Care Activities
Major IT Apps 5,6,8 and Major database 14 support all Community Service Activities
Community Service Activities
Quality Management
Education: Assessment, Degrees, Credentialing, Transcripts
Research: Peer Review, Research Awards, Tenure
Patient Care: Evaluation, Accreditation
Community Service: Evaluation, Tenure
Product Information
University Infrastructure Assets
See key to symbols on page 2
Major IT Applications
Other major database

Regents: University of Kansas Medical Center

University of Kansas Medical Center Enterprise Application Map (2008 Draft) page 2

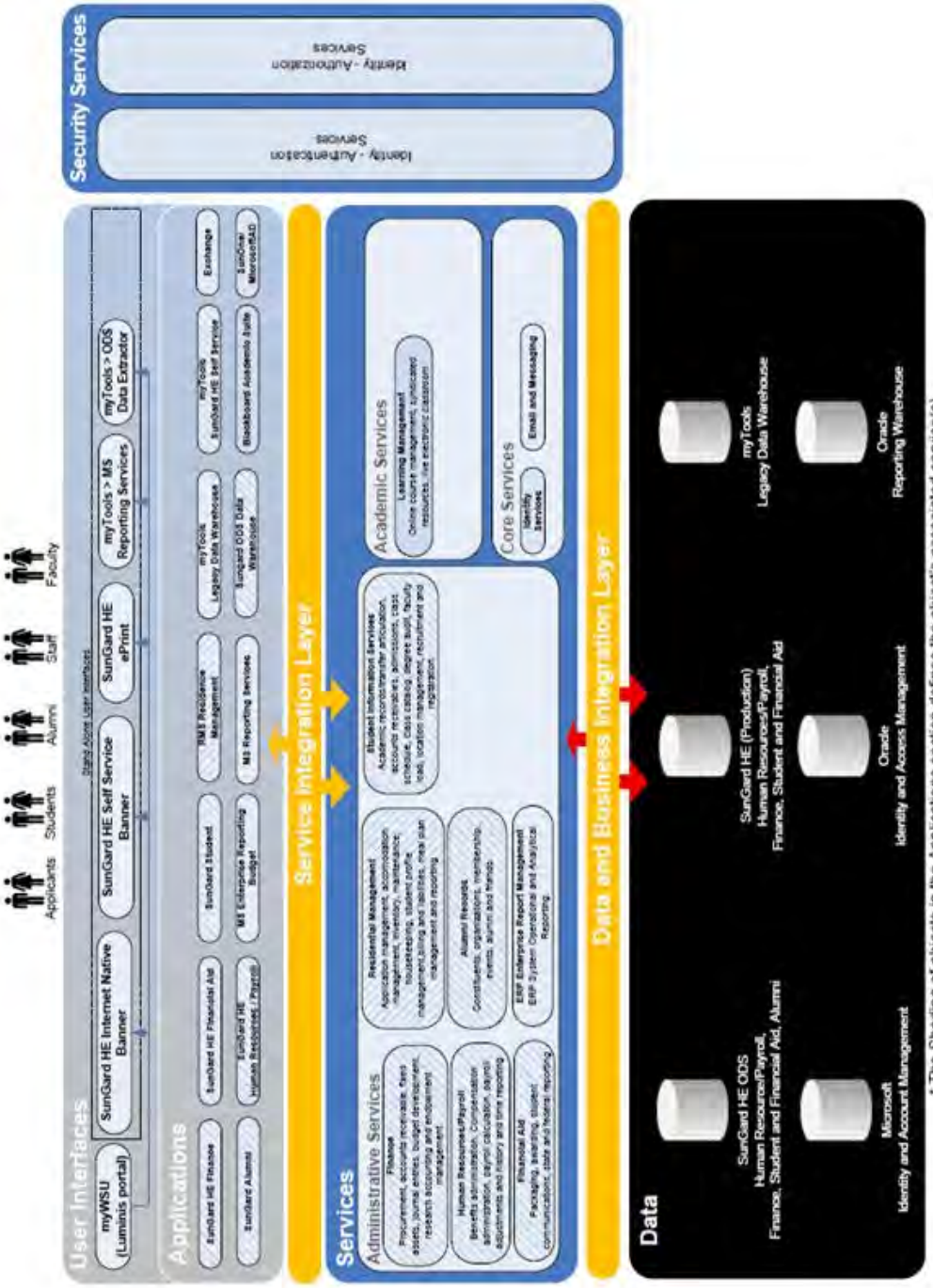
Major IT Applications (from Section III)

1. PeopleSoft HR/Pay system
2. PeopleSoft Financials system
3. PeopleSoft Student Admin system
4. Telephone billing system
5. World Wide Web system
6. Library system and Online catalog
7. Data Warehouse and integrated reports system
8. Identity Management systems
9. ANGEL Learning Management system
10. LXR Online Testing system

Other major databases

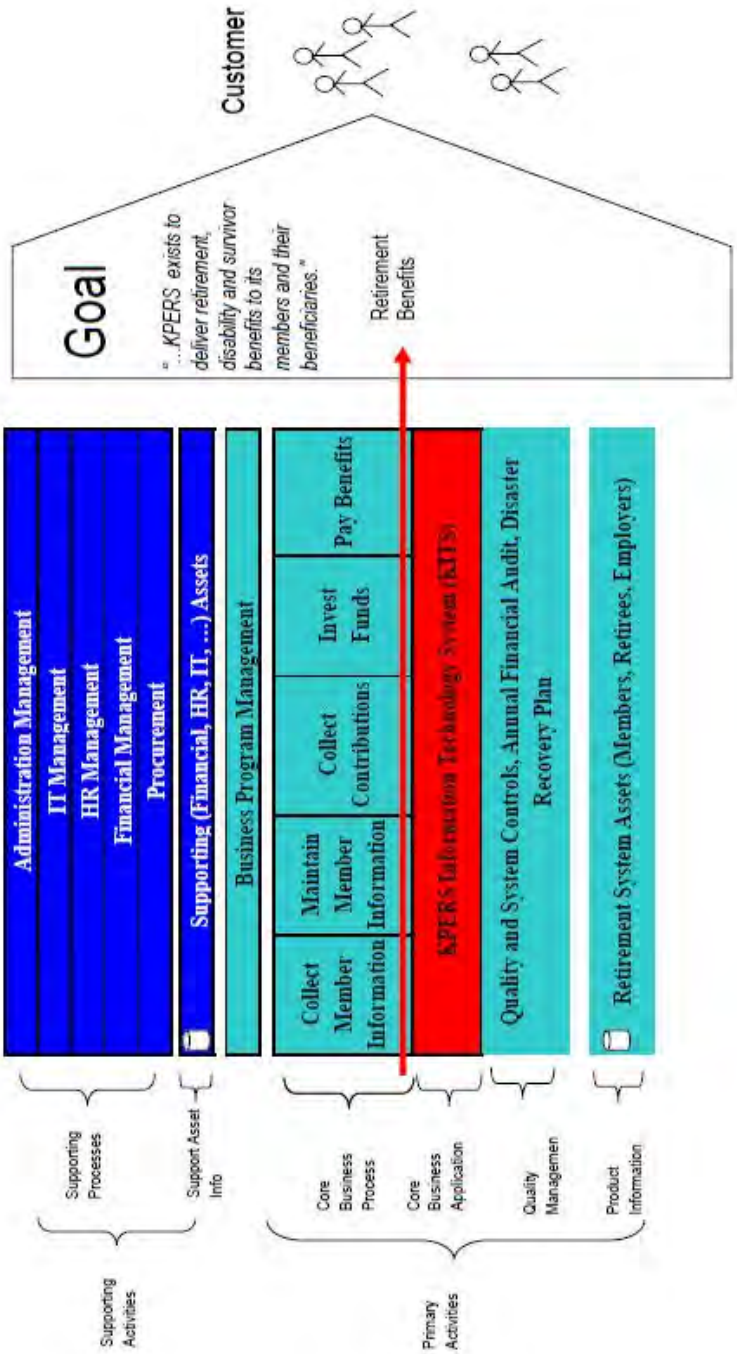
1. Active Directory
2. Central Server database
3. Chalk (for training)
4. Confluence (for collaboration)
5. DSpace
6. GME Database
7. Jroller (for Blogs)
8. Maximo
9. MEDS
10. Measures Of Effectiveness
11. NDNQI (nursing quality)
12. Novell Production tree
13. Online Phone Directory
14. Perseus (for surveys)
15. Preceptor database
16. PeopleSoft Grants
17. Space Inventory
18. Stellant document imaging
19. STIX (for employee health)
20. Student Research Forum

Regents: Wichita State University

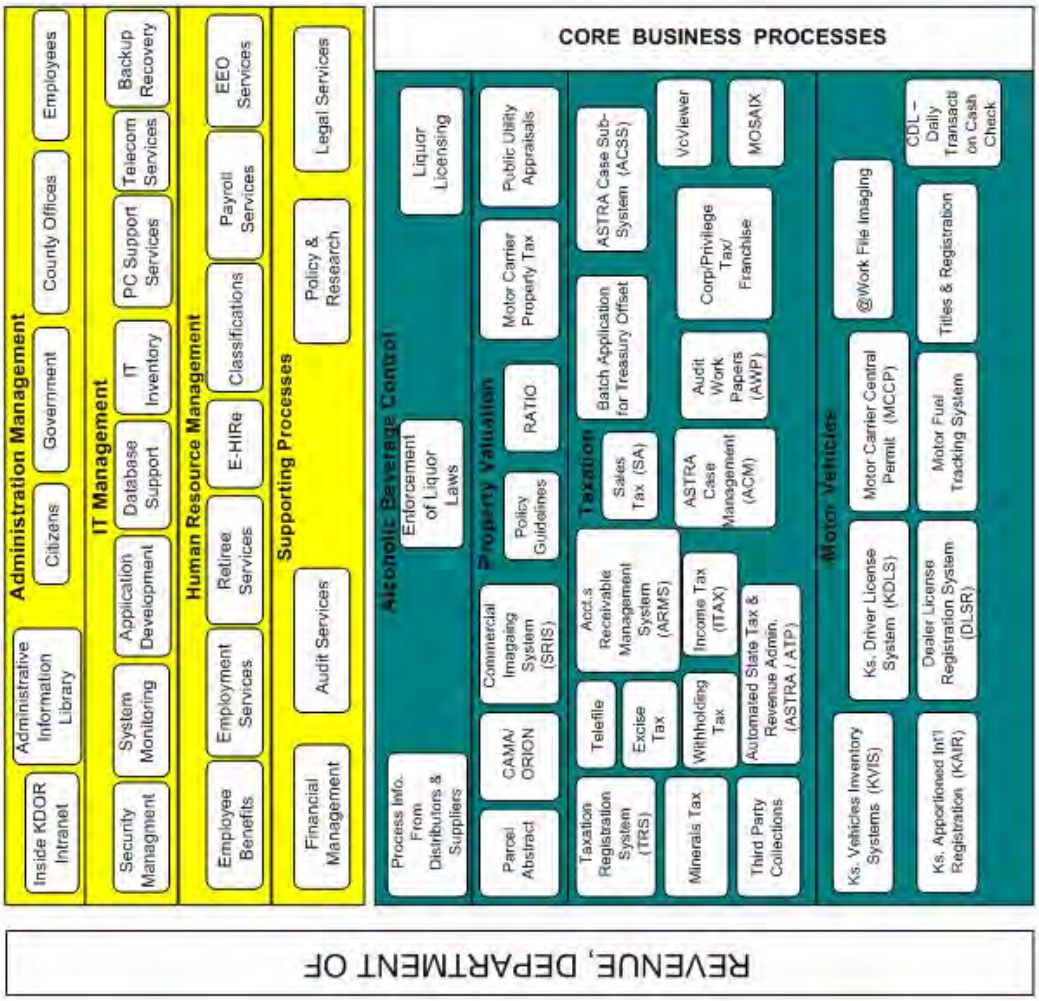


* The Shading of objects in the Applications section defines the object's associated service(s)
i.e. The SunGard HE Finance Application is directly associated with the Finance Administrative Service

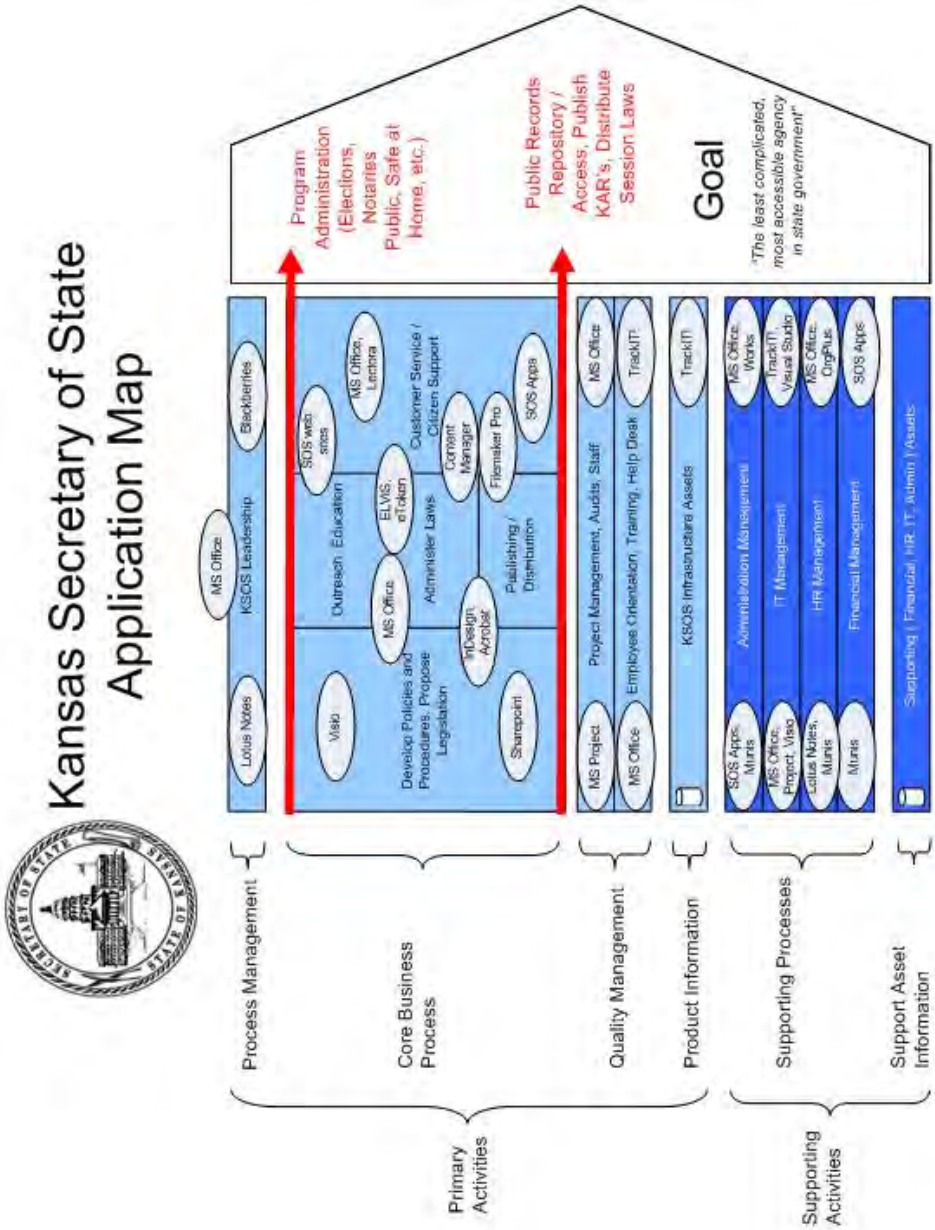
Retirement System, Kansas Public Employee



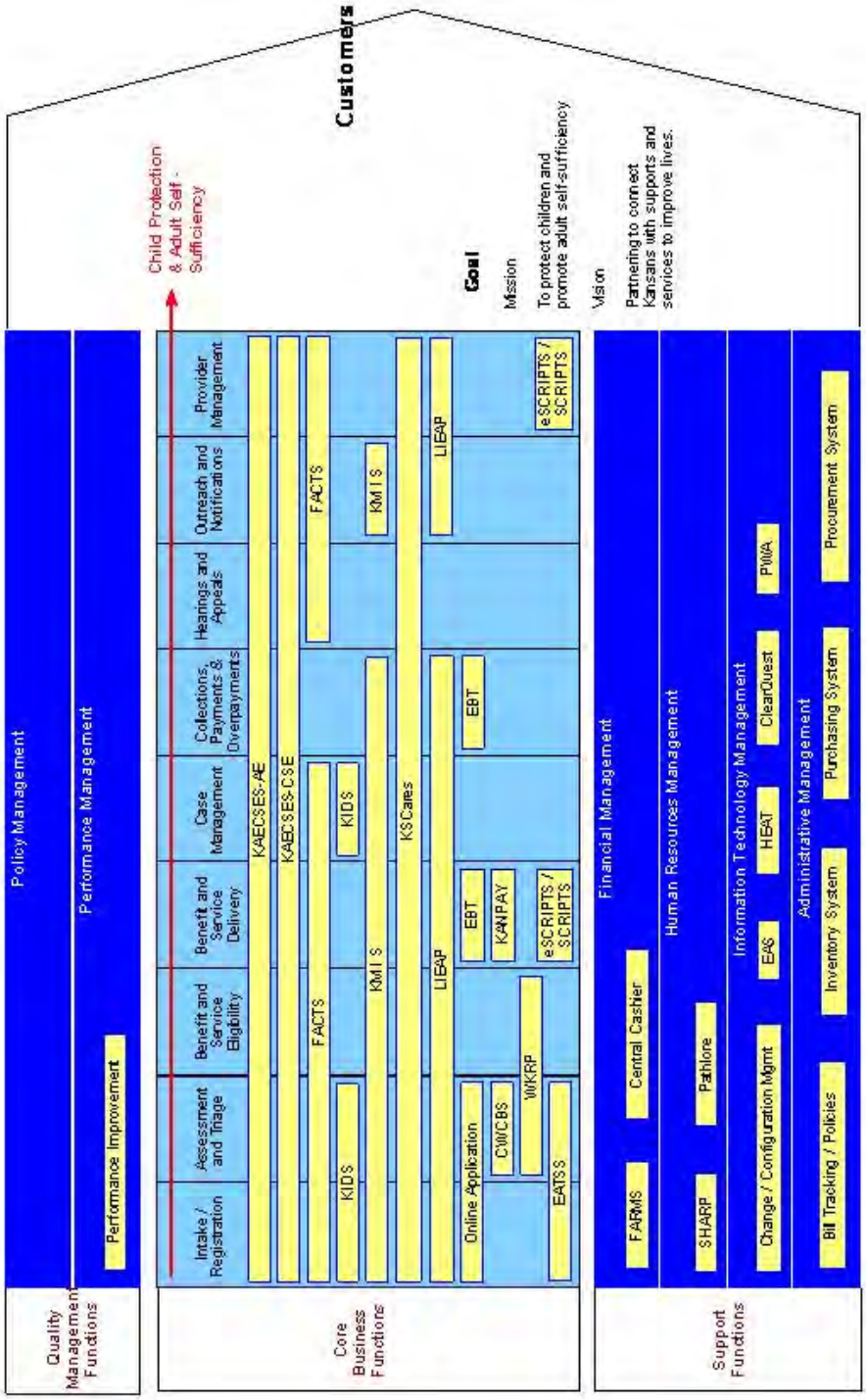
Revenue, Department of

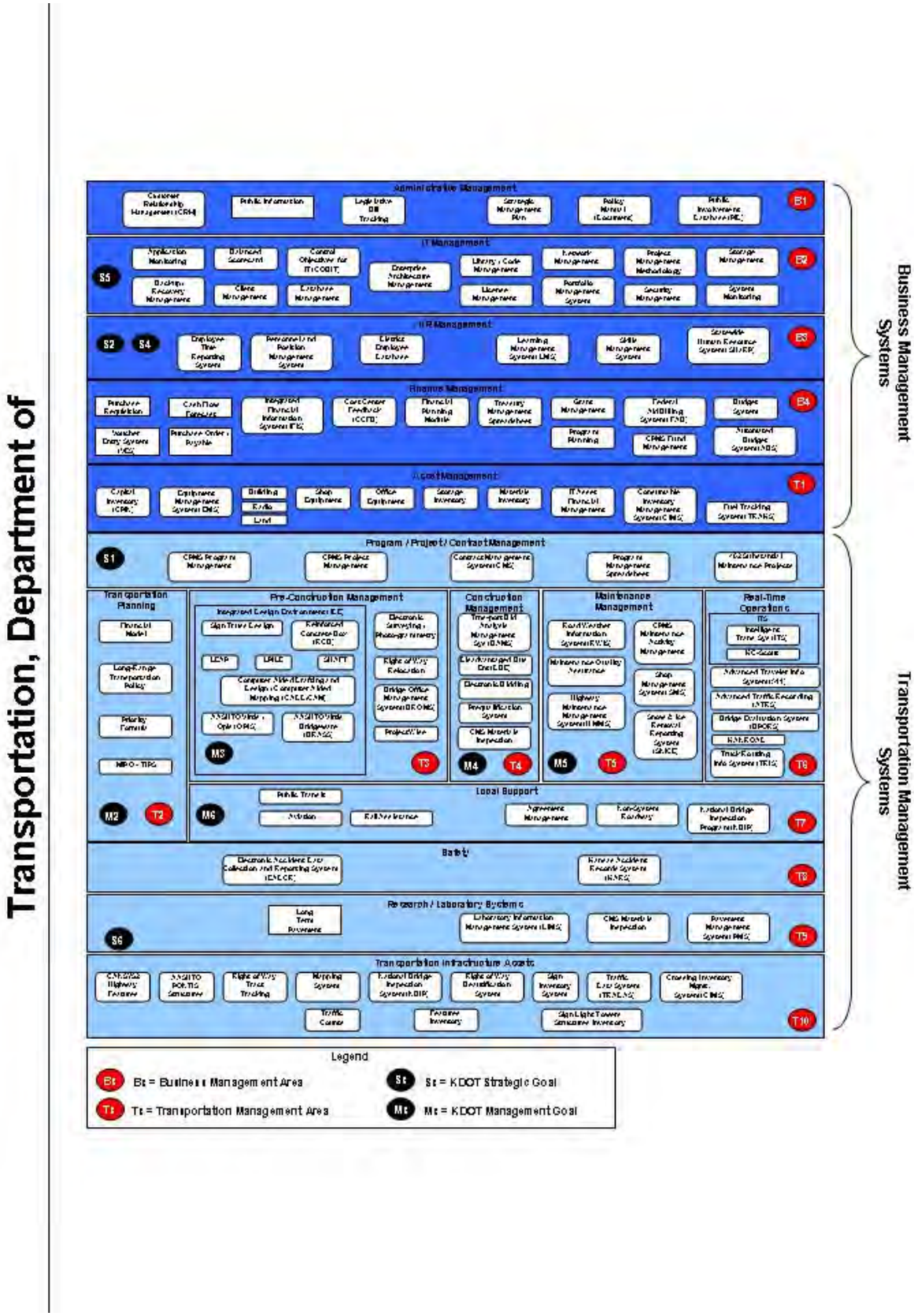


Secretary of State

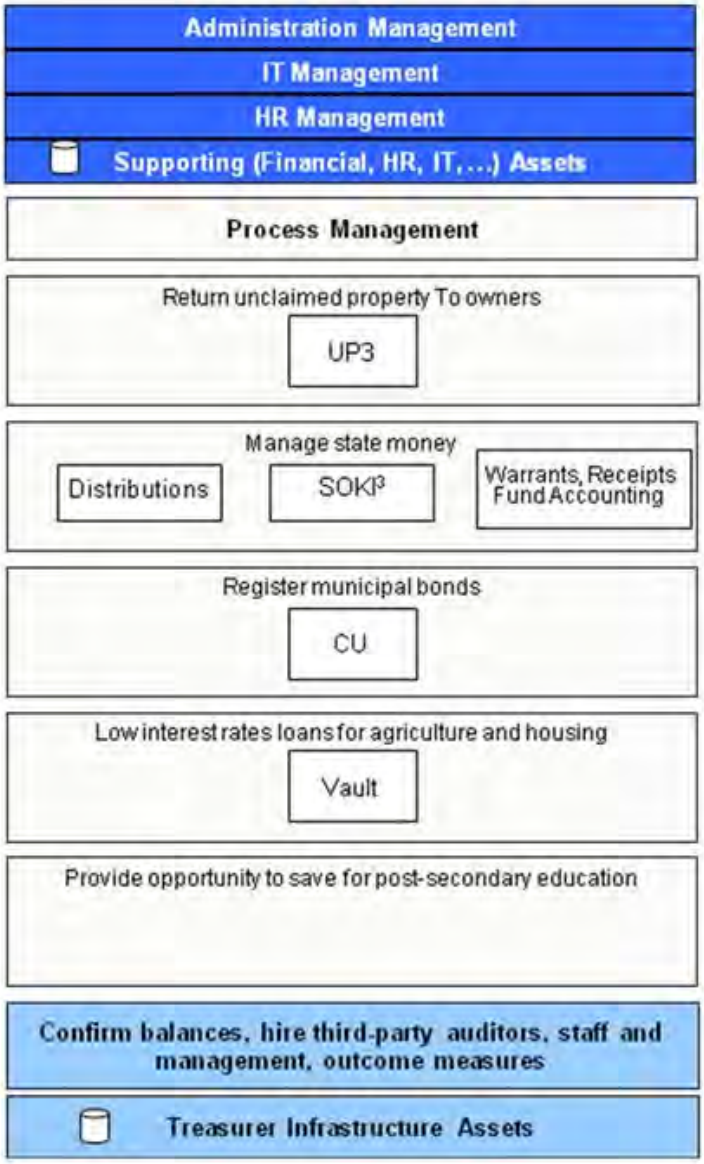


Social and Rehabilitation Services

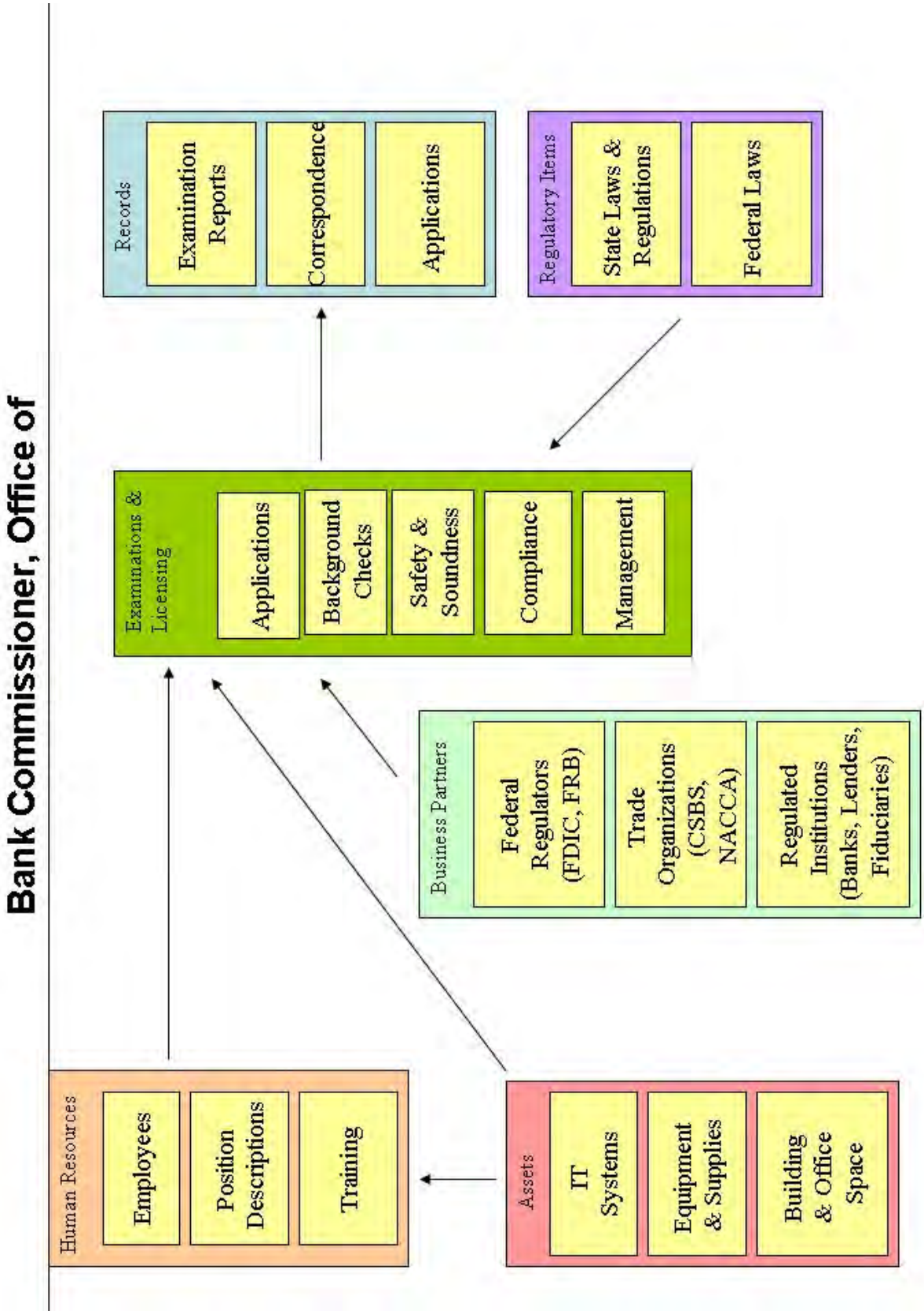



Transportation, Department of
Business Management Systems
Transportation Management Systems
Administrative Management
IT Management
HR Management
Finance Management
Asset Management
Program / Project / Contract Management
Transportation Planning
Pre-Construction Management
Construction Management
Maintenance Management
Real-Time Operations
Local Support
Safety
Research / Laboratory Systems
Transportation Infrastructure Assets
Legend
Bt = Business Management Area
Tt = Transportation Management Area
St = KDOT Strategic Goal
Mt = KDOT Management Goal

Treasurer, State

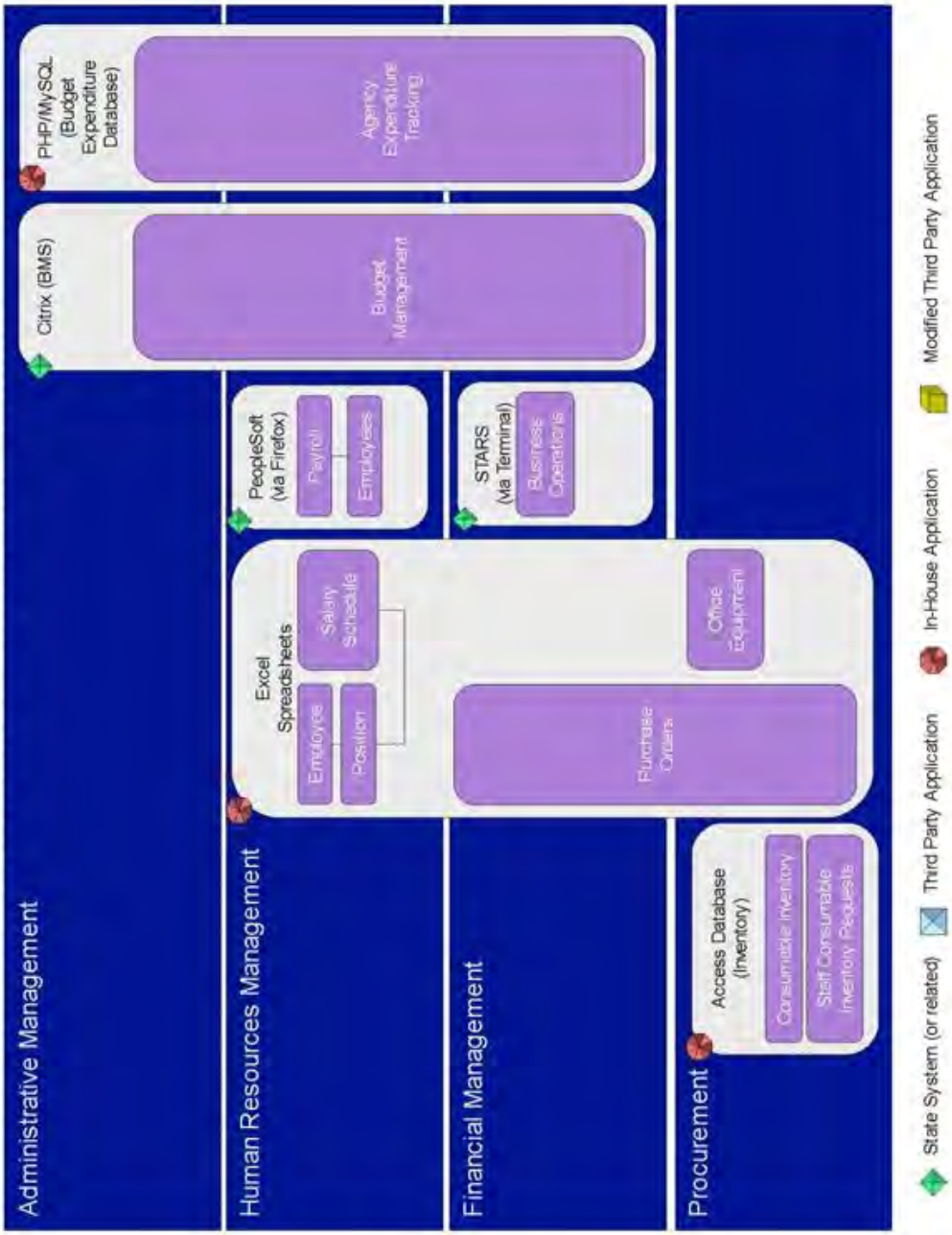


Enterprise Data Maps


Bank Commissioner, Office of
Human Resources
Employees
Position Descriptions
Training
Assets
IT Systems
Equipment & Supplies
Building & Office Space
Examinations & Licensing
Applications
Background Checks
Safety & Soundness
Compliance
Management
Business Partners
Federal Regulators (FDIC, FRB)
Trade Organizations (CSBS, NACCA)
Regulated Institutions (Banks, Lenders, Fiduciaries)
Records
Examination Reports
Correspondence
Applications
Regulatory Items
State Laws & Regulations
Federal Laws

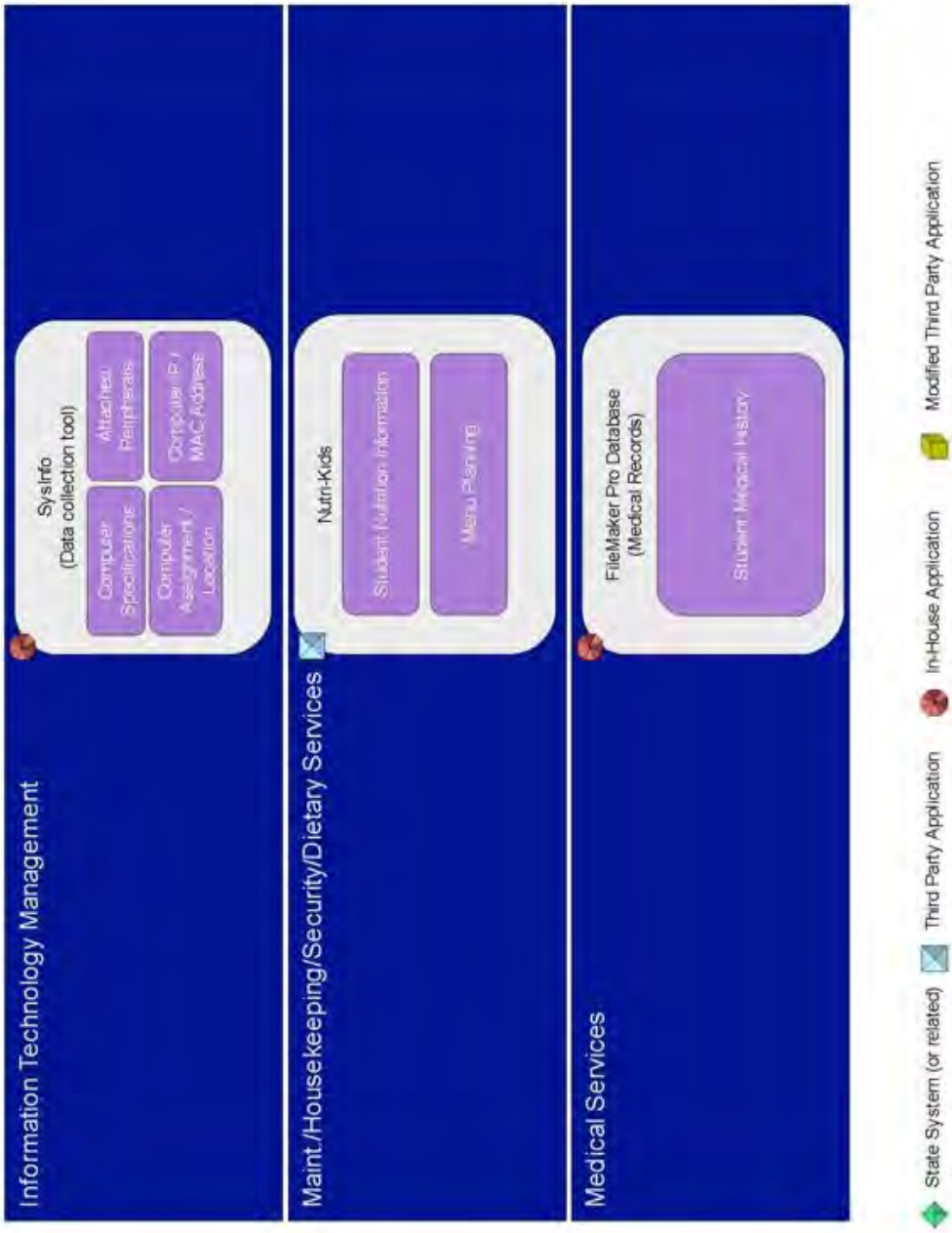
Blind, School for the

SECTION IX - DATA MAP: SUPPORTING ACTIVITIES

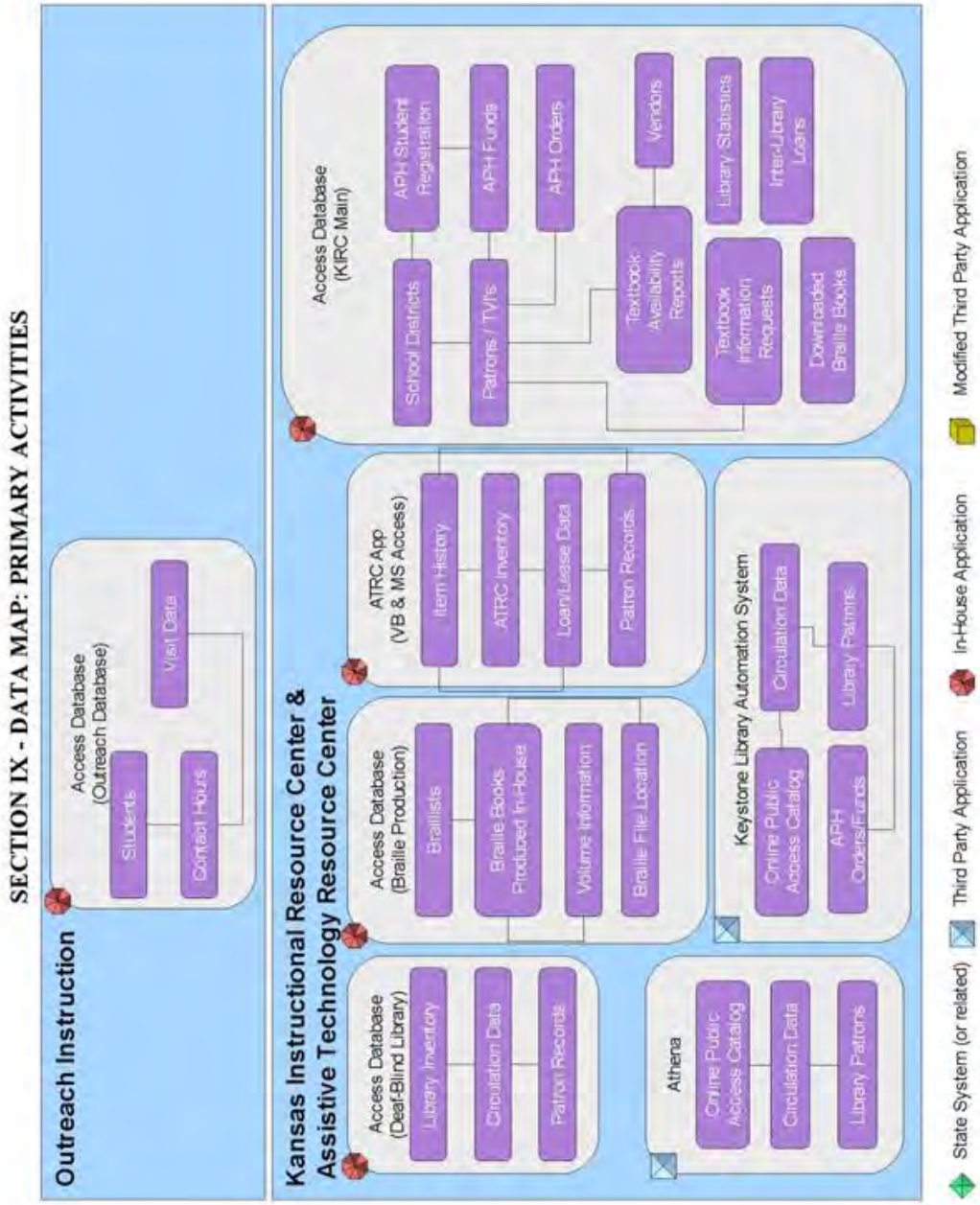


Blind, School for the

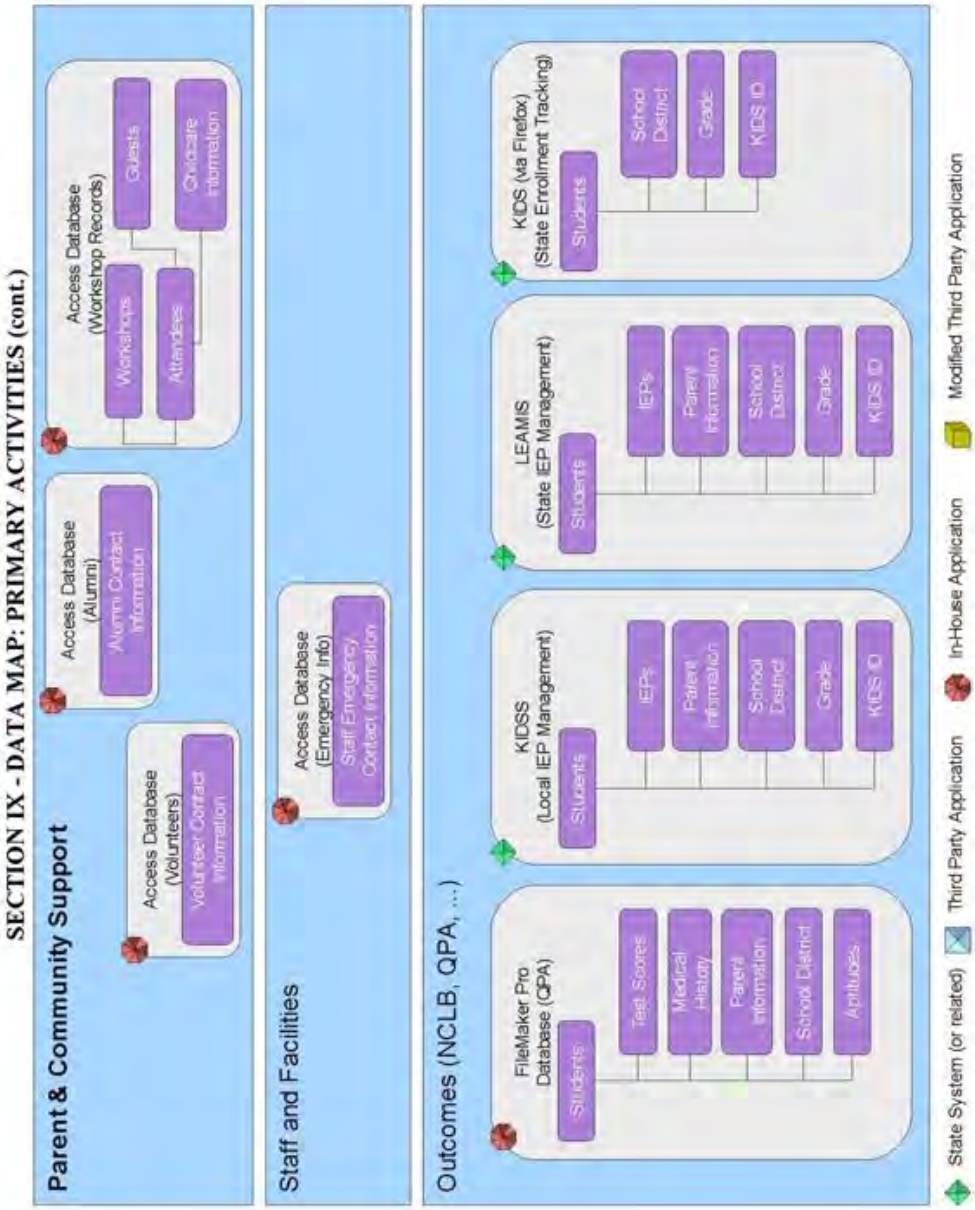
SECTION IX - DATA MAP: SUPPORTING ACTIVITIES (cont.)



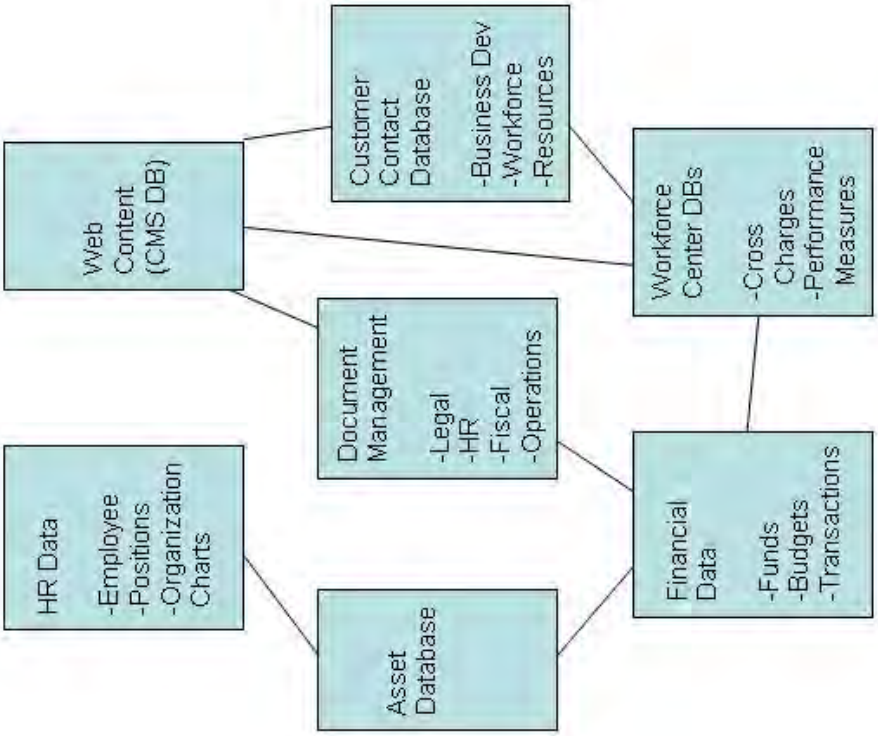
Blind, School for the

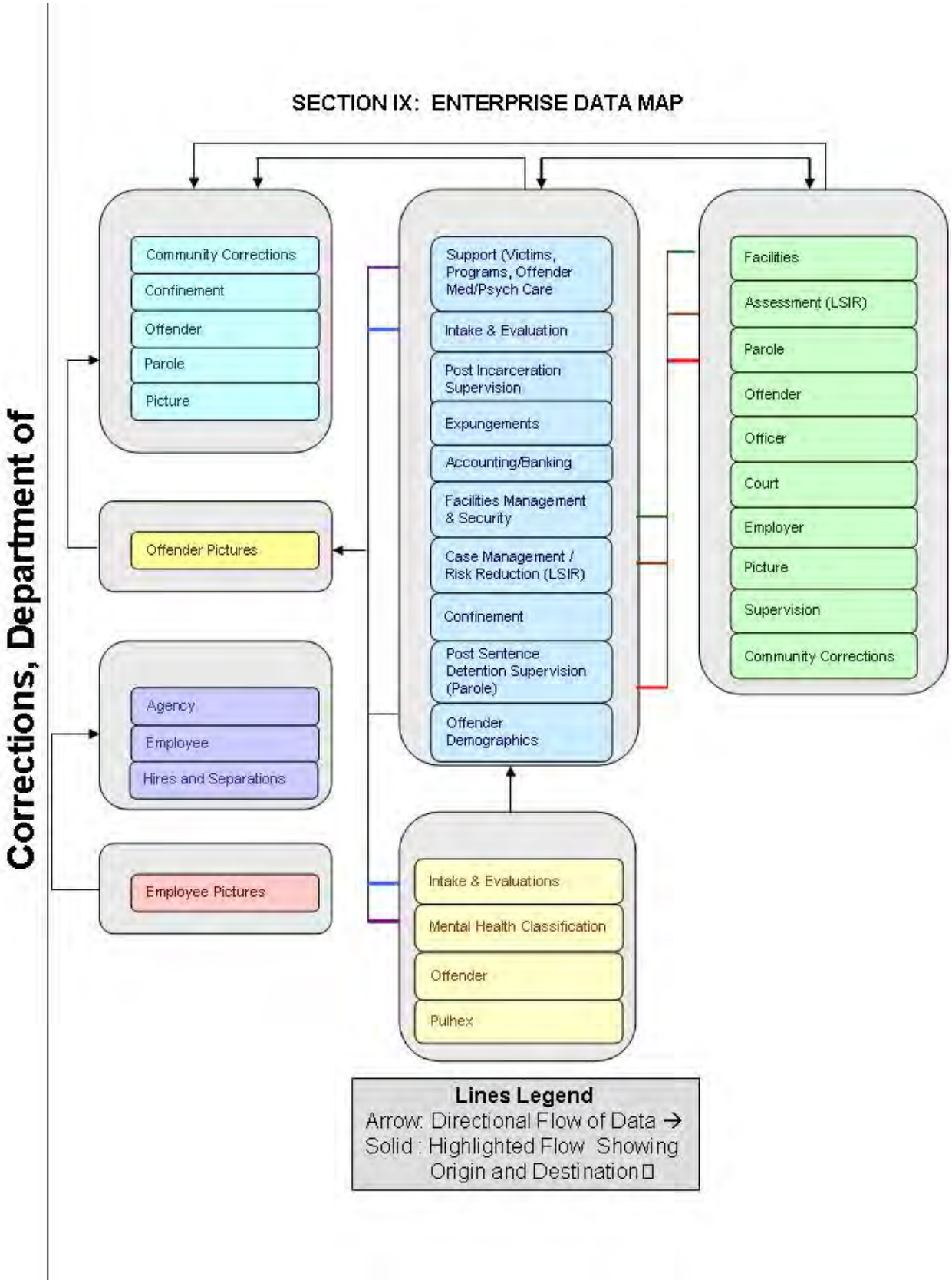


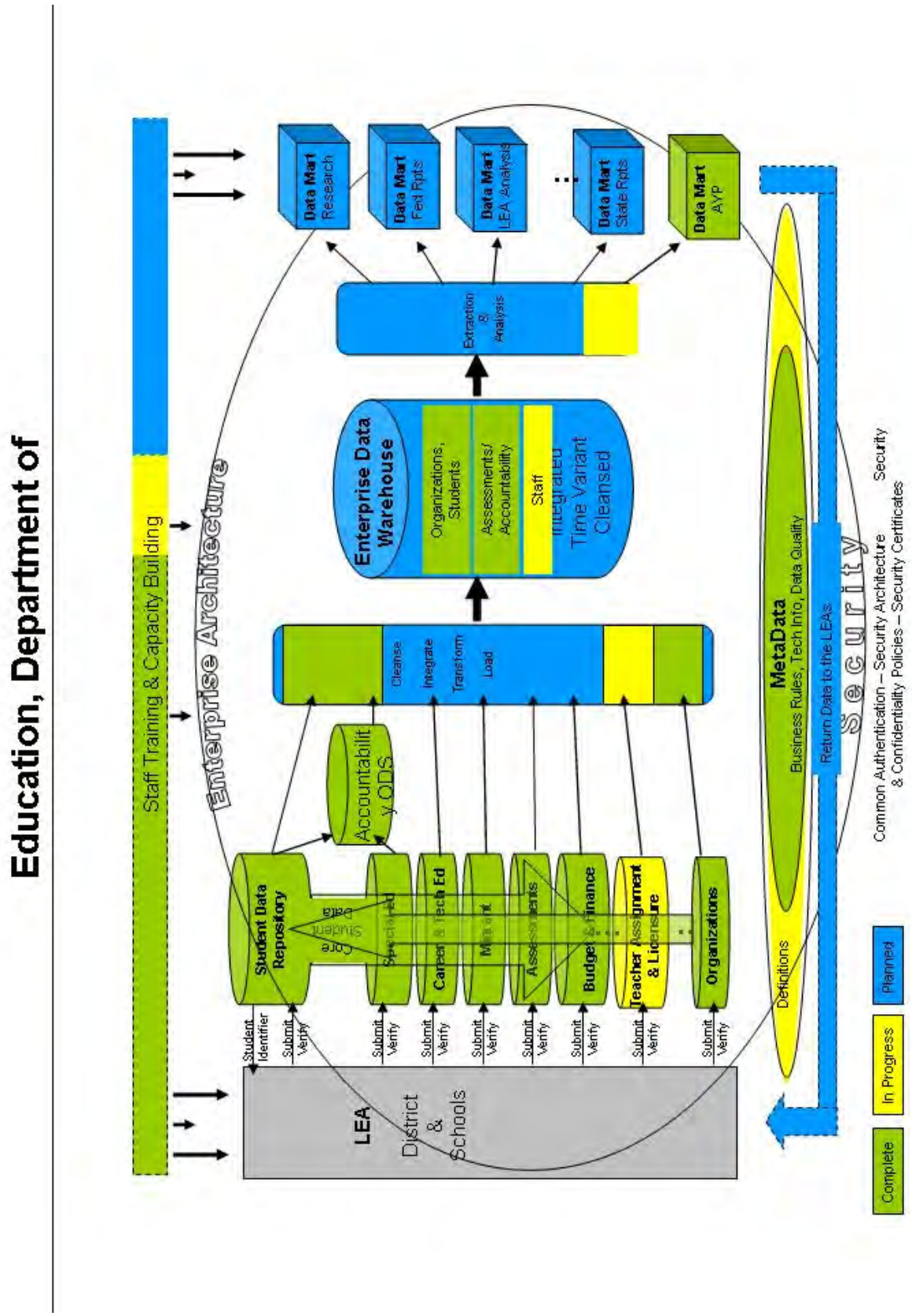
Blind, School for the



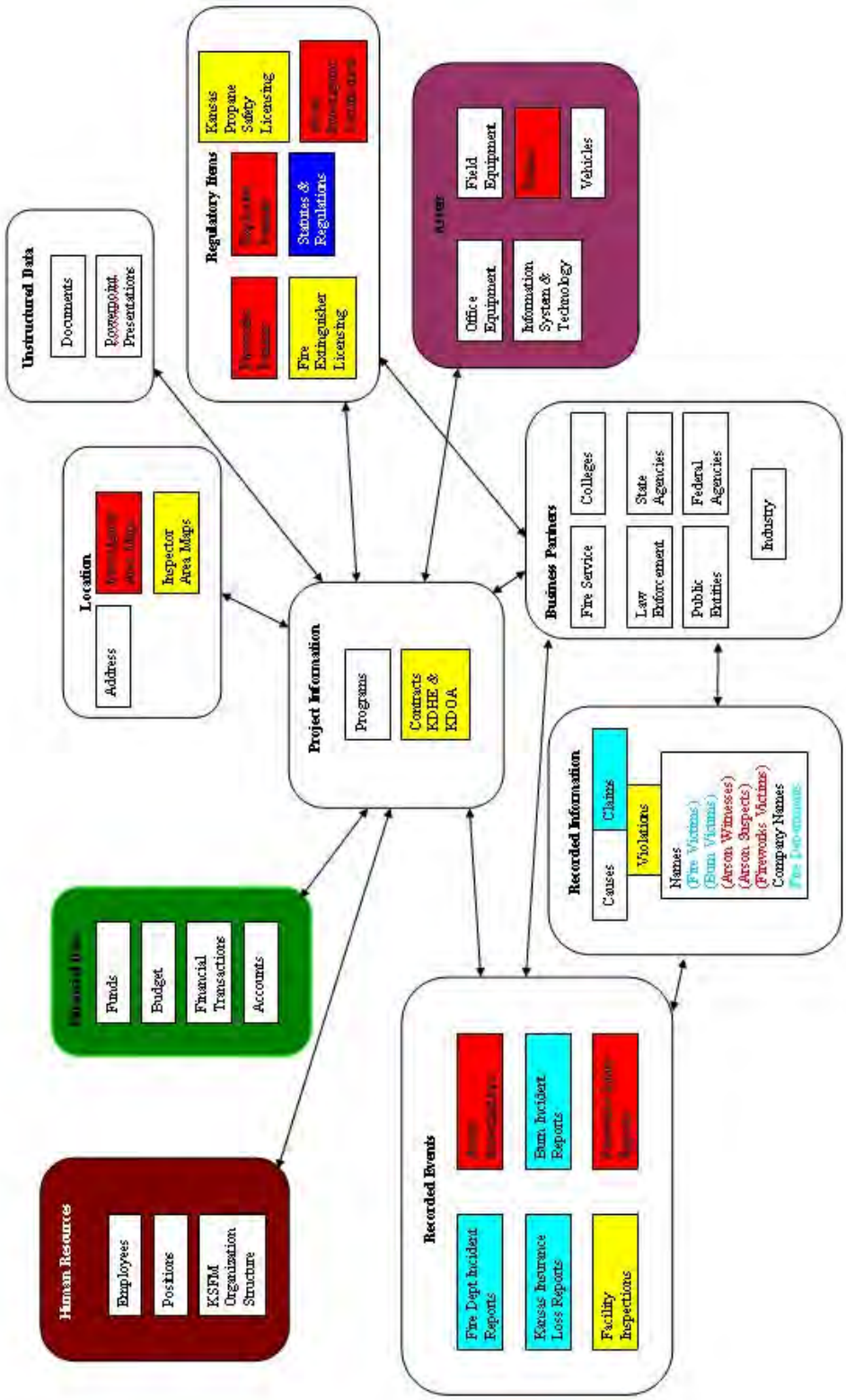
Commerce, Department of



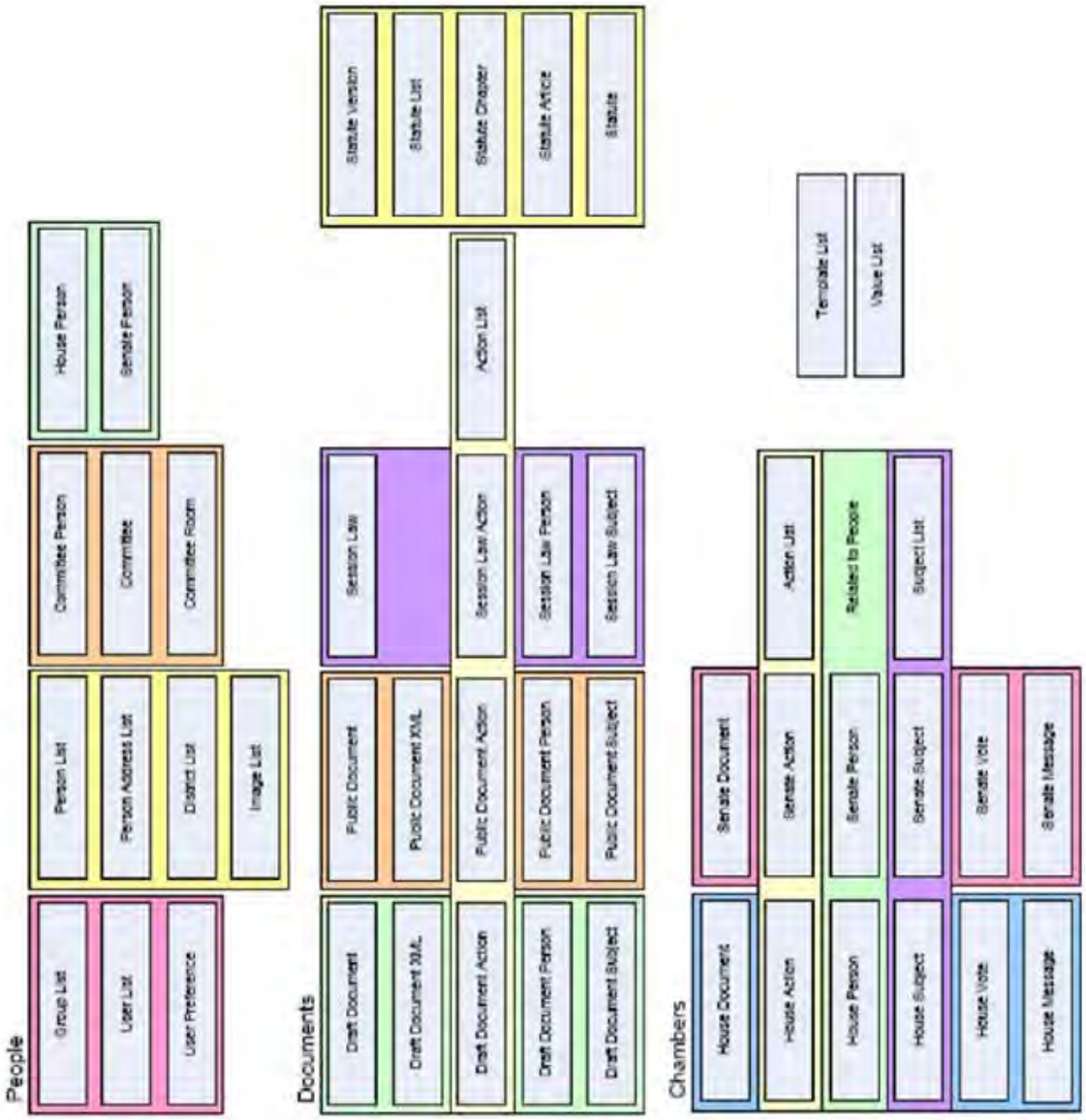

SECTION IX: ENTERPRISE DATA MAP
Corrections, Department of
Community Corrections
Confinement
Offender
Parole
Picture
Offender Pictures
Agency
Employee
Hires and Separations
Employee Pictures
Support (Victims, Programs, Offender Med/Psych Care
Intake & Evaluation
Post Incarceration Supervision
Expungements
Accounting/Banking
Facilities Management & Security
Case Management / Risk Reduction (LSIR)
Confinement
Post Sentence Detention Supervision (Parole)
Offender Demographics
Intake & Evaluations
Mental Health Classification
Offender
Pulhex
Facilities
Assessment (LSIR)
Parole
Offender
Officer
Court
Employer
Picture
Supervision
Community Corrections
Lines Legend
Arrow: Directional Flow of Data →
Solid : Highlighted Flow Showing Origin and Destination

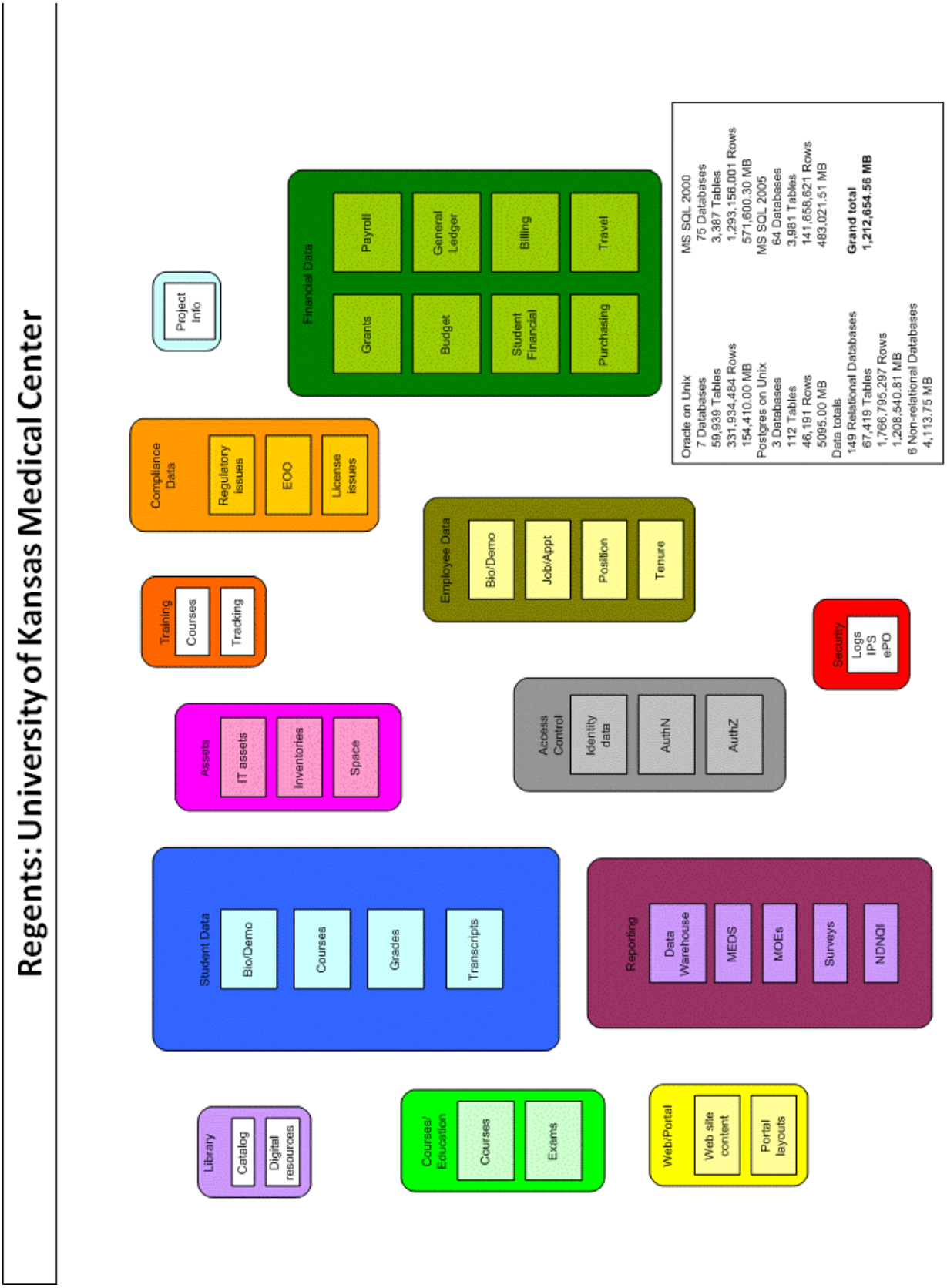

Education, Department of
Staff Training & Capacity Building
Enterprise Architecture
Data Mart Research
Data Mart Fed Rpts
Data Mart LEA Analysis
Data Mart State Rpts
Data Mart AYP
Extraction & Analysis
Enterprise Data Warehouse
Organizations, Students
Assessments/ Accountability
Staff
Integrated Time Variant Cleansed
Cleanse
Integrate
Transform
Load
Accountability ODS
Student Data Repository
Core Student Data
Specialized
Career & Tech Ed
Management
Assessments
Budget & Finance
Teacher Assignment & Licensure
Organizations
Student Identifier
Submit
Verify
LEA
District & Schools
MetaData
Business Rules, Tech Info, Data Quality
Definitions
Return Data to the LEAs
S e c u r i t y
Common Authentication – Security Architecture
& Confidentiality Policies – Security Certificates
Security
Complete
In Progress
Planned

Fire Marshal Office, State

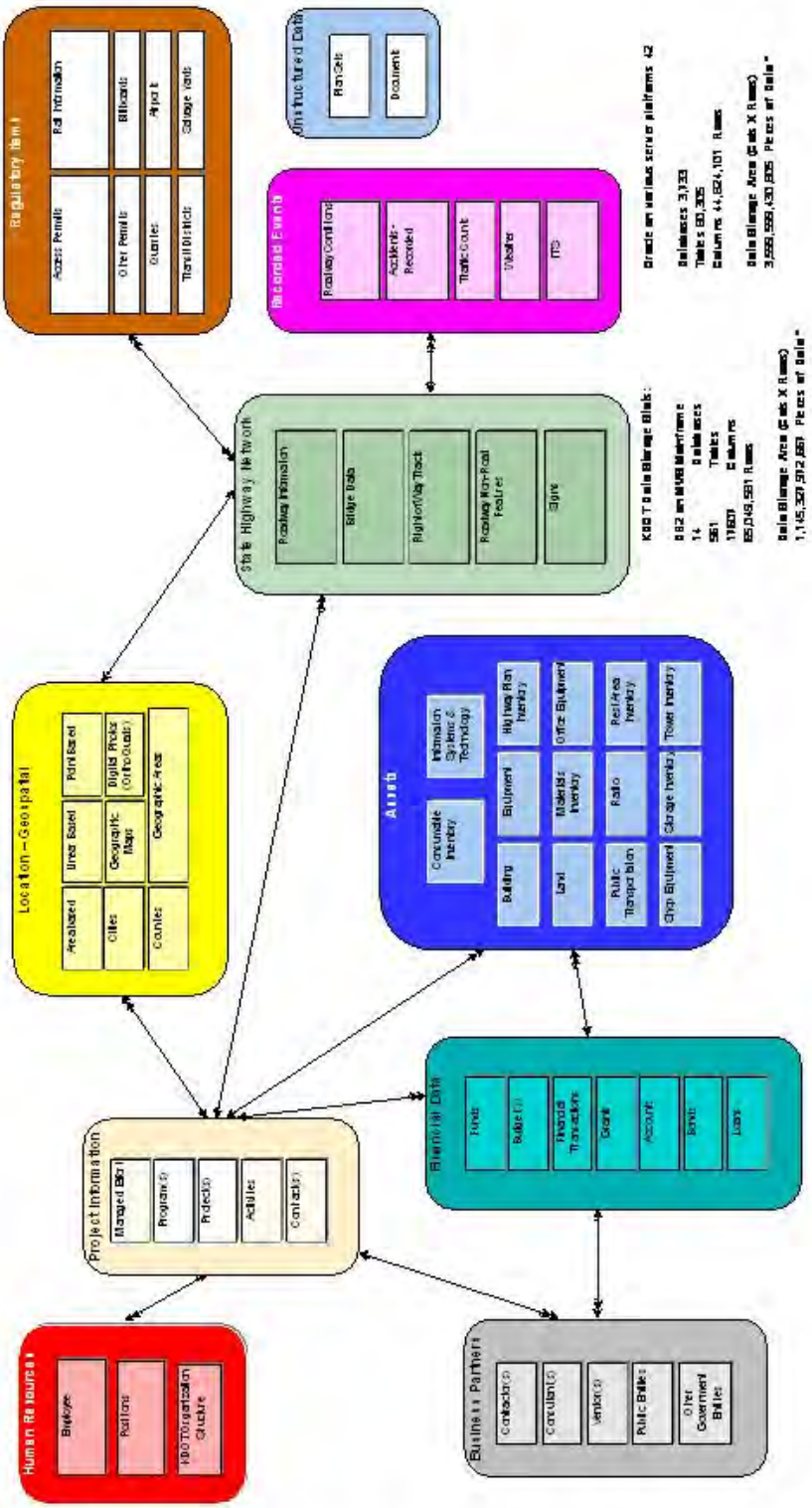


Legislature, Kansas




Regents: University of Kansas Medical Center
Project Info
Financial Data
Grants
Payroll
Budget
General Ledger
Student Financial
Billing
Purchasing
Travel
Oracle on Unix
7 Databases
59,939 Tables
331,934,484 Rows
154,410.00 MB
Postgres on Unix
3 Databases
112 Tables
46,191 Rows
5095.00 MB
Data totals
149 Relational Databases
67,419 Tables
1,766,795,297 Rows
1,208,540.81 MB
6 Non-relational Databases
4,113.75 MB
MS SQL 2000
75 Databases
3,387 Tables
1,293,158,001 Rows
571,600.30 MB
MS SQL 2005
64 Databases
3,981 Tables
141,858,621 Rows
483,021.51 MB
Grand total
1,212,654.56 MB
Compliance Data
Regulatory Issues
EOO
License issues
Employee Data
Bio/Demo
Job/Appt
Position
Tenure
Training
Courses
Tracking
Security
Logs
IPS
ePO
Assets
IT assets
Inventories
Space
Access Control
Identity data
AuthN
AuthZ
Student Data
Bio/Demo
Courses
Grades
Transcripts
Reporting
Data Warehouse
MEDS
MOEs
Surveys
NDNQI
Library
Catalog
Digital resources
Courses/ Education
Courses
Exams
Web/Portal
Web site content
Portal layouts

Transportation, Department of



APPENDIX

Kathleen Sebelius, Governor
Denise Moore, Chief Information Technology Officer
Executive Branch
Kansas Information Technology Office
http://www.da.ks.gov/kito/

15 May 2008

RE: Three-Year Information Technology Management & Budget Plans

It is time to begin preparation of the Kansas Three-Year Information Technology (IT) Management and Budget Plan for SFY 2009-2011. These IT plans assist in coordinating systems and activities of agencies throughout Kansas State government and are also used as a source of information for evaluating common contract requirements and demand, examining resource issues, and coordinating technology projects.

This year's Three-Year IT Plan will be similar to last year's document with a number of slight additions and modifications focused on clarifying issues brought up from last year's document. The final Three-Year Plan document will make it easier to find alignment between business practices with IT strategy, along with creating a streamlined approach to find inter-agency collaboration points for IT projects.

KSA 75-7210 requires these plans be submitted to the Joint Committee on Information Technology no later than October 1 of each year. In order to facilitate the production of the Annual Summary, Agency plans are due in the Kansas Information Technology Office (KITO) no later than **Friday, August 29, 2008**.

A template for creating your agency's Three-Year IT Plan is available online at http://www.da.ks.gov/kito/3YR_ITPlans.htm.

Thank you for your efforts.

Bill Roth, Chief Information Technology Architect
Kansas Information Technology Office

K A N S A S

KATHLEEN SEBELIUS, GOVERNOR

BILL ROTH, CITA

DUANE GOOSSEN, SECRETARY

DEPARTMENT OF ADMINISTRATION
KANSAS INFORMATION TECHNOLOGY OFFICE

15 May 2008

From: Kansas Information Technology Office

To: All State Agencies
Chief Information Technology Officers

Instructions for FY 2009-2011 IT Management and Budget Plans

Agencies with IT Expenditures in FY 2007 of less than $100,000 are only required to complete Section I, IV, and VII of the following Plan Template.

Agencies with IT Expenditures in FY 2007 of more than $100,000 are required to complete Sections I – VIII of the following Plan Template. Special attention in this plan should be given to aligning IT applications and objectives to current agency business goals. In addition, instructions for Section IX are included for agencies and it is encouraged they complete them.

Please submit **one digital copy and one hard copy** of your agency's plan by **Friday, August 29, 2008** and any questions to:

Bryan Dreiling
Kansas Information Technology Office
900 SW Jackson, Room 751-S
Topeka, KS 66512-1275
785-296-2809
Email: bryan.dreiling@da.ks.gov

[AGENCY NAME]

INFORMATION TECHNOLOGY MANAGEMENT AND BUDGET PLAN

Plan Date: *[Date approved]*

Approved By: *[Agency head: name and title]*

Contact: *[Agency staff member to contact with questions about this plan; name, title, organization, address, telephone number, fax number and e-mail address]*

Website: *[Agency URL: http://]*

SECTION I ~ AGENCY PROFILE

Mission

[Agency mission as reported on budget form DA-400.]

Business Programs

Program #: [Identify and provide brief description of each program established to assist with the agency mission, as contained on budget form DA-400; separate title and paragraph for each; number sequentially for reference, no priority implied.]

Technology Assets

[Please indicate quantities in appropriate cells in the table below.]

PLATFORMS			
	FY2007	*FY2009*	*FY2011 (est.)*
Mainframes[1]			
Physical Servers[2]			
Virtual Servers[3]			
Desktops			
Desktops Replaced			
Mobile Devices			

[1] A mainframe should only be recorded here if the mainframe is owned and operated by your agency. Do not record a mainframe here if you are using a mainframe application that is hosted on another agencies mainframe. Mainframes are distinct from midrange servers. Midrange servers should be listed with the other servers in your agency.
[2] Physical Servers are defined as unique physical “boxes” that are running a server operating system.
[3] Virtual Servers are defined as unique physical “boxes” that are running a virtual operation system. This number should not include the number of virtualized servers, but rather the hardware that is running the virtualized servers.

IT STAFFING

Functions: Agency IT staff allocations by function (approximate):

[Example: Someone who spends half their time modifying existing software, one-third testing new applications, and the remainder doing database administration would have 0.5, 0.3 and 0.2, respectively, in the Application Maintenance, Application Development and Data Administration blocks.]

Include the following:

- All **classified and unclassified** IT positions
- Any positions that may be designated within SHaRP as non-IT classification, but which perform IT functions**.**

	SFY 2009 ACTUAL FTE		SFY 2010 PROJECTED FTE		SFY 2011 PROPOSED FTE	
IT FUNCTIONAL AREA	Class.	Uncl.	Class.	Uncl.	Class.	Uncl.
General Management & Administration (includes training and cross-agency coordination)						
Application Maintenance and Enhancement (in-production systems)						
Application Development (includes general and tactical plans, business area analysis, process reengineering, prototyping, application design, coding, integration and testing)						
Data Administration, Data Analysis/Validation and Database Administration						
Network Engineering, Technical Management and Support						
Computer Operations, Management and Technical Support						
Web application development and maintenance						
IT Security						
Other IT Functions (please identify)						
TOTAL FTEs						

AGENCY IT ACCOMPLISHMENTS

Provide a brief summary of IT accomplishments for SFY 2008.

Summary: [Please include any cross-agency collaboration or joint application development efforts. This summary will be included in the agency's section in the Annual Summary.]

AGENCY IT STRATEGIC DIRECTION

This section summarizes agency direction in several key areas of information technology and business system management.

Summary: *[Highlight expected evolution or changes of agency IT resources & applications and summarize the **future** IT direction for your agency. Identify how your IT direction aligns with your business initiatives and objectives. Examples of information to be included – but not limited to -- are electronic agency services, business contingency and disaster recovery, data administration, executive information systems, and applications development. **Please indicate any cross-agency collaboration or joint application development efforts.**]*

Please also include the following areas when producing this summary:

- **Agency Architecture:** *[Brief statement about how your agency is moving toward the "target architecture" defined in the Kansas Information Technology Architecture (KITA).]*
- **Business Contingency Planning:** *[Does your agency have a published Business Contingency Plan? Also provide a brief statement regarding policies or plans to continue your business objectives in the event of a disaster.]*
- **Business Process and Workflow Management:** *[Brief statement regarding your agency's current or planned future use of business process and workflow management software.]*
- **Collaboration Software:** *[Brief statement regarding the platforms used for intra-agency collaboration. Where applicable, information should be included about messaging, e-mail, web-portal systems, and video conferencing.]*
- **Data Storage and Administration:** *[Brief statement detailing how and what data is being stored in the agency and any plans to change this in the future. Please address how much data your agency has, what technologies are being used to store the data, and what type of data administration and management is being used in the agency.]*
- **Data Transfer:** *[Brief statement detailing how and what data is being shared intra-agency and inter-agency and future data sharing plan for your agency. Examples include: web services, batch, intranet (php, asp, ect), electronic, paper, data warehouses, business intelligence suites, ect.]*
- **Electronic Records Retention:** *[Brief statement outlining policies and plans your agency has regarding issues pertaining to electronic record retention.]*
- **E-Government:** *[Please provide in year order, a description of the new or revised systems, applications and/or services your agency expects to offer online to the citizens, businesses or other governments of Kansas. Please include for each designated application or service the number of citizens/businesses affected, preliminary cost to implement estimates if any, cost avoidance or cost elimination estimates if any, and anticipated revenue that will be generated if any.]*

- **End User IT Security Training:** *[Does your agency provide end user IT security training? If so, how often is that training given to each employee? If not, are there plans in the future to provide end user IT security training?]*

- **Identity Management:** *[Does your agency have any current or planned future usage of technology for verification of a users' digital identity? If so, describe the technology and tell how many users will be affected?]*

- **IT Disaster Recovery:** *[Does your agency have a published IT disaster recovery plan? Also provide a brief statement regarding policies or plans to continue your IT objectives in the event of a disaster.]*

- **IT Security Staff:** *[Does your agency have an individual with responsibility for IT Security? If so, is this individual dedicated exclusively to IT Security? If your agency does not have dedicated IT security staff, are there plans in the future to have a dedicated IT Security position?]*

- **Public Key Infrastructure:** *[Does your agency have any current or planned future usage of electronic signatures[4] and/or digital signatures[5] that will be used to sign a document? If so, how many digital certificates does your agency plan to use? If digital certificates could be used for data/email encryption and/or access would your agency be interested?]*

- **Service Oriented Architecture:** *[If your agency is moving towards a Service Oriented Architecture please provide brief statement outlining how your agency is moving forward with it.]*

- **Technology Infrastructure:** *[Brief statement detailing agency plans to upgrade technology infrastructure over the next three years. Where applicable, information should be included about storage, database, platform, and data network infrastructure.]*

*[**This summary will be included in the agency's section of the Annual Summary.**]*

[4] Kansas Uniform Electronic Transactions Act (KUETA), KSA 16-1602 (i). "Electronic signature" means an electronic sound, symbol or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record. (1) The transformation was created using the private key that corresponds to the signer's public key; and (2) the initial message has not been altered since the transformation was made.

[5] Kansas Uniform Electronic Transactions Act (KUETA), KSA 16-1602 (e). "Digital signature" means a type of electronic signature consisting of a transformation of an electronic message using an asymmetric crypto system such that a person having the initial message and the signer's public key can accurately determine whether:

SECTION II ~ AGENCY IT OBJECTIVES AND GOALS

Details of Objectives: The following information should be supporting documentation to your summary of Strategic IT Direction, and should include how your strategic direction supports agency goals and enterprise wide collaboration efforts.

Part One: IT Objectives and Business Goal(s) Alignment

IT Objective # __: *[Title and brief description of objective; include target data to complete; number sequentially for reference, no priority implied.]*

Business Goal(s) Supported: *[Brief statement identifying how the IT objective aligns with agency's strategic plan.]*

Part Two: Strategic Information Management Plan Goal(s) and IT Objective(s) Alignment

[Brief statement identifying how your agency's IT direction matches overall direction established for the state government by the Strategic Information Management Plan. This is a summary for the agency as a whole, not for each specific IT objective.]

[Example] IT Objective #4: Data Management and Integration.

- Create and maintain standard data dictionaries, repositories, tools, and data models for the agency in the larger agency and State contexts.
- Develop a decision support environment that provides data integration across the agency and customized web-enabled information delivery to administrative, educational, and research areas.
- Develop a comprehensive understanding of the organization's information base and information needs.
- Plan, develop and manage a data warehouse environment that supports those information needs.

[Example] Business Goal(s) Supported: Promote a culture of shared access to information to support the agency's strategic goals.

[Repeat Part one for each agency IT objective. Part Two only needs to be answered a single time.]

SECTION III ~ MAJOR IT APPLICATIONS

This section identifies the agency's principal software applications or systems now in production. This list is limited to mission-critical batch or multi-user applications, which directly perform business functions for the agency. This list should not include standard third-party software products, such as word processors and spreadsheets. Projects still in planning, design or development (pre-production) should be listed in IT Project Budget Proposals.

This section is broken down into three different areas. Each area requires a different amount of information to be submitted.

- **Part One (Unmodified Applications)** is dedicated to IT applications that have not been modified since the agencies last submission of the Three-Year IT Management and Budget Plan. The information required for these applications is much less than in past years.
- **Part Two (New / Modified Applications)** is dedicated to IT applications that are new or have changed over the past year. Please fill out the information required for Part One IT applications, plus any of the additional Part Two questions that have been modified in the past year. Modifications include enhancements to the system. Changes made due to maintenance of the application are not considered a modification. For new applications please complete all of Part Two.
- **Part Three (Retired Applications)** includes applications that had information submitted last year, but are no longer used in the agency. Please list these applications and the reason for it no longer being in use.

Additionally, if your agency would rather compile and submit all the information asked for in the "New / Modified Applications" sections, like in previous years, feel free to do so. If you decide to do this, please put an asterisk (*) next to every area that has been changed for each specific application. If you have any other ways that would make this section easier to fill out, while still maintaining the necessary information, please contact Bryan Dreiling and talk to him about your method.

Unmodified Applications *[Fill out this section in its entirety for every application that has not been modified since the last IT management and budget plan submission.]*

Application #: *[Title and acronym; repeat this section for each major business application; number sequentially for reference, no priority implied.]*

Purpose: *[Describe how this application supports your agency's business processes.]*

Planned Initiatives: *[Brief list of any changes, upgrades, additions, or development planned for the application.]*

New / Modified Applications *[For every applications that has been modified since the last IT management and budget plan submission, fill out the Application, Purpose, and Planned Initiatives questions, in addition to any other questions that has changed. Fill out this section in its entirety for every new application. Modifications include enhancements to the system. Changes made due to maintenance of the application are not considered a modification.]*

Application #: *[REQUIRED - Title and acronym; repeat this section for each major business application; number sequentially for reference, no priority implied.]*

Purpose: *[REQUIRED - Describe how this application supports your agency's business processes.]*

Planned Initiatives: *[REQUIRED - Brief list of any changes, upgrades, additions, or development planned for the application.]*

Modified Applications (continued)

Functions: *[Brief list of business functions performed; example: driver records, agency general ledger, student academic records.]*

Interaction: *[Customer groups deriving benefit through this application; examples: agency-internal, other state agencies, private sector, and general public.]*

Technical Environment:

Hardware: *[Hardware platform(s).]*

Network Protocols: *[e.g., TCP/IP]*

System s/w: *[Operating system.]*

DBMS: *[Database Management System, if any.]*

Client: *[web-based, thin client, thick client, terminal pc.]*

Special s/w: *[Other special software required for this application.]*

Language: *[Developmental language(s); what maintainers must know.]*

Implemented: *[Date first put into production.]*

Revision: *[Date current revision put into production; version number.]*

Maintenance: *[Organization which performs software maintenance.]*

Retired Applications

[Fill out this section in its entirety for every application that has been retired or phased out since the last IT Management and Budget plan submission.]

Application #: *[Title and acronym; repeat this section for each major business application; number sequentially for reference, no priority implied.]*

Retirement Reason: *[Brief statement outlining why the application was retired.]*

SECTION IV ~ IT PLANNED PROJECTS

Provide information below for all planned projects with an estimated total cost of $250,000 or more from any source of funds, in which the agency is proposing new state funding or has spending authority. Agencies are required to provide this information pursuant to KSA 75-7209. Planned projects identify new projects by agencies that are in planning stages only and the IT Project Plan may or may not have been submitted for CITO approval.

An information technology project is defined in KSA 75-7201 as "a project for a major computer, telecommunications or other information technology improvement with an estimated cumulative cost of $250,000 or more and includes any such project that has proposed expenditures for: (1) New or replacement equipment or software; (2) upgrade improvements to existing equipment and any computer systems, programs or software upgrades therefor; or (3) data or consulting or other professional services for such a project."

To: *[Chief Information Technology Officer, of Appropriate Branch]*
From: *[Name of person who prepared report, include email and phone number]*
Agency Name: **Date Submitted:**
Project Name: *[Full project name or title]*

Project Acronym: *[Short name, acronym or code, if any]*

Estimated Project Cost: *[Total estimated cost, or estimated range (i.e. $2 – 6M) over the life of the project from any source of funds, over all fiscal years. **Include** internal direct costs of state government staff and external project costs.]*

Internal Costs: $ _____
External Costs: $ _____

Estimated Ongoing Cost: *[Total estimated operational cost from any source of funds, for three ensuing state fiscal years **after** project implementation.]*

SFY _____ $ _____
SFY _____ $ _____
SFY _____ $ _____

Estimated total project cost and three ensuing years of ongoing cost: $_____

Estimated Start Date: *[Date the project is estimated to begin.]*

Estimated Completion Date: *[Date the project is estimated to be completed.]*

Project Business Objective(s) or Motivator(s): *[Situation prompting development of the proposed project; programs, activities and other needs and intended uses of the proposed technology. Please include opportunities for cross-agency collaboration, if appropriate.*

E-Government: *[Brief description outlining how the project utilizes electronic government to provide citizens, businesses, and governments with equal, efficient, electronic access and interaction with government information. Include level of functionality from forms, which can be downloaded, printed and sent through conventional means to advanced electronic forms where the entire process can be completed and submitted online along with the payment.*

Technical Architecture: *[Brief description about any known technical architecture parameters or requirements, i.e., work flow, document system, Oracle 9i, Windows platform, web based, GIS, data warehouse, special security needs, storage needs, recovery needs.) Will this project move the state forward in a specific technology area? Is there any technology modules being implemented that other agencies could utilize?]*

Project Description and Scope: *[Includes identification of the organizations and individuals to be affected, and a definition of the functionality to result.]*

Project Status: *[Brief description of the current status of the planned project.]*

SECTION V ~ BUSINESS AND TECHNOLOGY RADAR CHARTS

This section displays, in a graphical model, the current and future alignment of business projects with application development, maintenance, and infrastructure initiatives. Ideally, IT initiatives should help fuel business initiative's success. In order to do this, the radar chart process is broken down into three components:

- Agency Business Program Initiatives,
- Technology Infrastructure,
- IT Business System Initiatives.

Agency Business Program Initiatives charts the high level business goals set by your agency. Technology Infrastructure looks at agency platforms, storage, network, and databases and the plans to enhance those components in the future. IT Business System Initiatives looks at planned application development, upgrade, and maintenance. Completion of this section will allow an agency to distinguish points in which their IT and business initiatives are not in alignment.

This section's intention is to illustrate the agencies strategic IT direction. The initiatives listed in this section do not have to exclusively be projects that have budgets requiring CITO approval, but rather any initiative that will change the landscape of IT in your agency.

Instructions: *[A template to aid in the design of this document is available at http://da.ks.gov/kito/ITMBP.htm.]*

Business Program Initiatives: The strategic direction component of the FY2007 Budget Document should provide documented goals and objectives for your agency and goals specifically for each business program. Once this list is compiled, the different initiatives can be mapped to the radar chart in their corresponding year(s).

Technology Infrastructure: This information should be the same as the information given in Section I of this document under "IT Strategic Direction – Technology Infrastructure". This is not limited to projects only in Section IV. All planned changes should be included. Include this information on the radar chart in the proper timeframe.

IT Business System Initiative: This information should be the same as the information given in Section III of this document under "Major IT Applications – Planned Initiatives". This is not limited to projects only in Section IV. All planned changes should be included. Include this information on the radar chart in the proper timeframe.

Example: *[Examples to help aid in the development of this section will be available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

SECTION VI ~ ENTERPRISE BUSINESS PARTNERS MODEL

This section identifies the different organizations, groups, and individuals that your agency interfaces with during normal business operations. Moreover, it articulates the different inputs that each agency receives from each business partner, and the outputs that each business partner receives from the agency. Completion of this section will allow agencies to have a better understanding of who they are in contact with during normal business operation and what information is important to each group(s). Moreover, this section will create opportunities for other state agencies to look at different models of communication and information delivery. A template for this section will be provided on http://da.ks.gov/kito/ITMBP.htm.

Instructions: Agencies that have done this before have found different ways to successfully complete this document. The most common method is to do a survey of the different business programs in the agency. Ask the necessary people for everyone they interface with outside of the agency while working, and also the inputs and outputs supplied to each business partner.

This is intended to be a high level model. In the example provided below, there was no need for KDOT to list every different public transit authority they interface with, because on a high level they all virtually require the same outputs and give the same inputs. It is more important to recognize the macro-level communication chain than to drill down on the nuances of specific organizations, agencies, and individuals.

Example:

Business Partner		INPUT / OUTPUT	-->	AGENCY
Consultants, Design	-->	Design Plans, Weekly Accomplishments, Invoices, Collaboration	-->	KDOT
	<--	Contracts, Payments and Schedules		
Contractors	-->	Bids, Invoices, Status Reports	-->	
	<--	Requests for Bids, Contracts, Plans, Change Orders		
Cities	-->	Five Year Plans, TIP Plan Invoices, Local Payments	-->	
	<--	Project Plans, Invoices, Contracts Funding Limits		
Counties	-->	Five Year Plans, TIP Plan Invoices, Local Payments	-->	
	<--	Project Plans, Invoices, Contracts Funding Limits		
Public Transit Authorities	-->	Vehicle Reports, Applications, Ridership Information	-->	
	<--	Grants, Loans, Vehicle Information, Inspection Information		
Law Enforcement	-->	Road Conditions, Traffic Status, Vehicle Accident Analysis	-->	
	<--	Accident Reports, Traffic Impact Incidents		
Other State Agencies	-->	Invoices, Transportation Statistics, GIS Views	-->	
	<--	"Drug Testing"/Driver License Checks, Project Plans, Vehicle Usage, Payment Information		
Universities and Colleges	-->	Research Information	-->	
	<--			
Public	-->	511 responses, KANROAD responses, Project Information	-->	
	<--	Incidents, Problems, Permit Applications		
Utilities	-->	Project Plans, Project Schedules	-->	
	<--	Invoices, Permit Applications, Contract Status, Utility GIS Information		

***** *This is only an example; it is not an agency approved model.*

SECTION VII ~ ENTERPRISE VALUE CHAIN

The value chain is a systematic approach to examining the development of competitive advantage. It was created by M. E. Porter in his book, Competitive Advantage (1980). The chain consists of a series of activities that create and build value. They culminate in the total value delivered by an organization. The organization is split into 'primary activities' and 'support activities.' Completing a Value Chain will give your agency a better understanding of how different units function together. This will allow for agencies to find areas for improvement or places to gain added efficiencies in order to give your customers the best value added service possible.

Instructions: *[A template to aid in the design and additional information about value chains will be available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

There are two main areas of the value chain. They are the Primary Activities and Support Activities. Primary Activities are the links in the value chain that add value to the service or product you are providing. Examples of Primary Activities are construction, marketing, and development. Support Activities do not directly add value, but are still necessary in providing the services or products. Examples of Support Activities are Human Resources, Administration, and IT management.

Primary Activities: The first step in creating the value chain for primary activities is to develop a list of your agencies core business areas. For instance, KDOT's core business areas are in the highway system, public transportation, and safety. Once those core business areas are decided upon, the agency is able to look at the chain of events that happen in order to meet the goal of these core business areas.

Porter suggests that five main categories exist in this area of the value chain. His model does not present a direct one-to-one relationship to the services that state agencies provide, but it does give a helpful starting point to begin to think about the different links in the value chain. Porter's five categories are:

- Inbound logistics
- Operations
- Outbound logistics
- Marketing and Sales
- Service

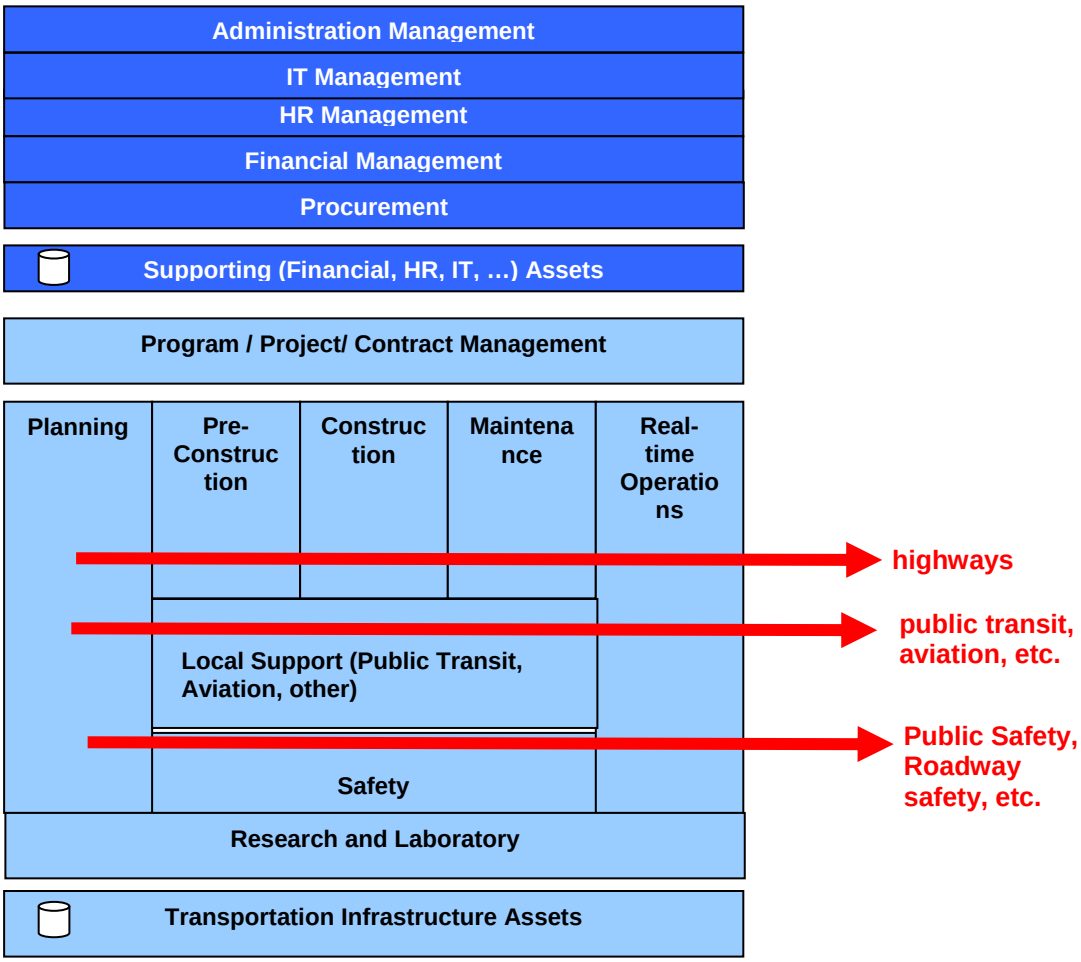
Agencies in the past have conducted information sessions with employees and asked questions in order to find different activities that occur under normal business operation. After this initial fact finding, they looked for areas in which the common goals were linked in order to feed the final core business area. At that point they are able to map out the primary activities of the organization.

Support Activities: Most of these activities are universal from agency to agency. They can be seen as more of the oversight and management areas of the agency. They do not have direct contact with the services provided by the agency or directly add value to them, but without theses activities the core business goals could not be realized. For example, Human Resources staff ensures that employees get paid, without this function there would be no reason for employees to come to work, or at very least work productively. Without an efficient employee base, there would be no chance for success in agency's core business goals.

ENTERPRISE VALUE CHAIN (Continued)

Example: *[More examples to help aid in the development of this section will be available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

DEPARTMENT OF TRANSPORTATION VALUE CHAIN



** This is only an example; it is not an agency approved model.*

SECTION VIII ~ ENTERPRISE APPLICATION MAP

An Enterprise Application Map is an extension of the value chain. The application map seeks to categorize the applications and systems in your agency with links on the value chain. Completion of this section will allow agencies to see where each specific application fits in relation to the high level business areas in the organization.

Instructions: After completing the Enterprise Value Chain, this section can be completed by overlaying your systems and applications on the appropriate section of the value chain.

Example: *[Examples to help aid in the development of this section will be available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

SECTION IX ~ ENTERPRISE DATA MAP

This section is not required. An Enterprise Data Map is a high level mapping of the data your agency currently stores at a logical level. Completing this section will give the agency a better understanding of the types of data that is being collected and the ability to see where redundant information is being stored in different agency databases.

Instructions: *[Instructions for the Enterprise Data map will be sent on a later date and also available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

Examples: *[Examples to help aid in the development of this section will be available at http://www.da.ks.gov/kito/3YR_ITPlans.htm.]*

FY 2009-2011 3 YR IT PLAN

Agency IT Expenditure Levels

IT Expenditures under $100K

Agency No.	Agency Name
016	Abstracters' Board of Examiners
028	Accountancy, Board of
359	Arts Commission, Kansas
100	Barbering, Kansas Board of
102	Behavioral Sciences Regulatory Board
604	Blind, School for the
122	Citizens Utility Ratepayer Board
634	Conservation Commission
149	Cosmetology, Board of
159	Credit Unions, Department of
167	Dental Board
206	Emergency Medical Services Board
373	Fair, Kansas State
247	Governmental Ethics Commission
261	Guardianship Program, Kansas
105	Healing Arts, State Board of
270	Health Care Stabilization Fund
266	Hearing Aid Board of Examiners
058	Human Rights Commission
349	Judicial Council
360	Kansas, Inc.
422	Legislative Coordinating Council
425	Legislative Research Department
204	Mortuary Arts, Board of
482	Nursing, Board of
488	Optometry, Board of Examiners In
523	Parole Board, Kansas
531	Pharmacy, Board of
540	Post Audit, Legislative Division of
543	Real Estate Appraisal Board
579	Revisor of Statutes
625	Securities Commissioner of Kansas
626	Sentencing Commission, Kansas
562	Tax Appeals, Board of
663	Technical Professions, Board of
700	Veterinary Examiners, Board of

IT Expenditures over $100K

Agency No.	Agency Name
034	Adjutant General
173	Administration, Department of
039	Aging, Department on
046	Agriculture, Department of
055	Animal Health Department
082	Attorney General
094	Bank Commissioner
300	Commerce, Department of
143	Corporation Commission, Kansas
521	Corrections, Department of
610	Deaf, School for the
652	Education, Department of
234	Fire Marshal Office, State
264	Health and Environment, Department of
171	Health Policy Authority, Kansas
280	Highway Patrol
288	Historical Society, State
328	Indigents' Defense Services, State Board
331	Insurance Department
083	Investigation, Kansas Bureau of
677	Judicial Branch
350	Juvenile Justice Authority
296	Labor, Department of
428	Legislature
434	Library, State
450	Lottery, Kansas
671	Pooled Money Investment Board
553	Racing & Gaming Commission, Kansas
549	Real Estate Commission
561	Regents, Board of
379	Regents: Emporia State University
246	Regents: Fort Hays State University
367	Regents: Kansas State University
385	Regents: Pittsburg State University
682	Regents: University of Kansas
683	Regents: University of Kansas Medical Center
715	Regents: Wichita State University
365	Retirement System, KS Public Employee
565	Revenue, Department of
622	Secretary of State
629	Social & Rehabilitation Services, Department of

371	Technology Enterprise Corp., Kansas
276	Transportation, Department of
670	Treasurer, State
694	Veterans Affairs, Commission on
709	Water Office, Kansas
710	Wildlife and Parks, Kansas Department of

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