

Post Implementation Evaluation Report

Network Infrastructure Upgrade 2008 – University of Kansas Medical Center

Project Dates: 1/2008 through 1/2009

Project Cost: \$2,533,613

Project Objectives

The KUMC access layer was 5 to 6 years old. The fleet of Cisco switches was all installed around the same time period and had been experiencing an increase in the number of failures. The switches did not provide enough bandwidth for our users and lack the PoE (power over ethernet) capability that is required as we deploy VoIP (voice over IP) technology. These new switches will also be compatible with a future network design as we would like to deploy a 10 gigabit ethernet backbone in a few years. This upgrade will also allow us to provide gigabit ethernet capabilities to the desktop in key data intensive areas. (e.g. high bandwidth applications, large data transfers) The new Cisco switching platform will also enable us to deploy 802.1x port level security and network admission control.