

Post Implementation Evaluation Report

KanWIN Infrastructure Upgrade Project – Administration

Project Dates: 8/2007 through 7/2011

Project Cost: \$6,344,128

Project Objectives:

The main scope of this project was to install Cisco Catalyst 6500 switches for Core and Distribution switching, and Cisco Catalyst 3750 Edge switches for use in the premise (or edge) portion of the network. Core switches were installed in Landon, Eisenhower and the Off-site Data Center (ODC). Two (2) redundant distribution switches were located in five (5) campus office buildings; Landon, Curtis, Docking, Eisenhower and the State Capitol. Edge switches were placed in each of these buildings and Cisco 3560 switches were also utilized as edge devices at some remote sites managed by DISC outside the campus. Network routing was re-configured and inter-building VLANs eliminated. KanWIN Internet access, Wide Area Networking, Wireless Networking etc. were functionally separated. The transition to Cisco data switching was done by appointment/approval with targeted agencies until the project was completed. The KanWIN Infrastructure project established a single vendor environment for data switching and routing. This simplified network management and technician training which in turn reduced the time necessary to implement a data Move, Add or Change (MAC). The separation of network functions increased network reliability and promoted efficiency in government networked operations. This infrastructure upgrade also allows early adoption of enhanced services like multi-cast video and digital media. Completion of this project was a requirement for Unified Communications to become the replacement for the existing communications systems of Plexar, voicemail and Automatic Call Distribution (ACD) systems.