

Vision 2020 Update-Building, Renovation and Technological Infrastructure

Overall Status



Goal I: Pursue opportunities to invest in technology and information systems. Through these investments, create a more flexible and productive work environment, while simultaneously reducing maintenance, improving overall efficiency and reducing costs.

Strategy C: Update hardware for effectiveness and efficiencies; implement Voice Over Internet Protocol (VoIP) telephone system and hardware virtualization; move applications and storage to virtualized servers and away from individual devices; replace aging server infrastructure.

Recent Key Accomplishments

Enough network switches have been received to eliminate the legacy network on campus which will provide for improved network reliability, increased University efficiencies and provide the necessary infrastructure for VoIP telephony. Additionally, the production server that houses the University's ERP system, Banner, has been upgraded.

Upcoming Activities

Installation of the network switches is to begin in January 2016 with the expansion of the VoIP telephony as funding for phones and voice resources are made available.

The backup server for the ERP system, Banner, will be relocated off-site for a secure, redundant storage.

Emerging Issues

Installation of equipment is time consuming and does not address all infrastructure needs for VoIP telephony.

Additional funding is needed to advance the University toward a virtualized environment.

Solutions

Installation of equipment will be conducted around the University calendar. Budgeting will continue to be strategic. Work to finalize the information needed in order to make a valued and informed decision as to the best option for the University.

Upcoming Deliverables/Milestones

<u>Item</u>	<u>Due Date</u>	<u>Status</u>	<u>Progress</u>	<u>Comments</u>
Item. Necessary funding	Ongoing		50%	The infrastructure will be in place in 2016. The funding needed for virtualization is expensive and must be completed at one time.
Item. Installation of equipment	1/11/16 – 4/30/16		60%	Installation of network switches will begin in January 2016 to eliminate the legacy network with next steps to transition by stages to VoIP.
Item. Server and hardware virtualization	1/11/16 – 4/30/16		80%	Finalize processes and details for budget discussions and possible steps for implementation.

Submitted by: Tom Bennett Date: 12/15/15