



BUSINESS CASE STUDY

IMPROVING EDUCATION THROUGH TECHNOLOGY

COLLEGE OF THE MUSCOGEE NATION CAMPUS-WIDE INFRASTRUCTURE SYSTEM REFRESH

College of the Muscogee Nation is an institution of higher education for the Muscogee (Creek) Nation emphasizing native culture, values, language and self-determination.

The college came to Standley Systems in need of a robust yet flexible backup system for their data environment. They also needed to refresh their end of life servers and network hardware in their core environment.

Academics and uptime was of utmost concern. The system had to allow for quick adoption by college staff and support the type of back-up protection needed in an education environment.

Quite simply, it could not impede the staff's ability to respond to and address any data loss and or network outage while maintaining classes.

The client had an existing Dell Hyper-Converged system and a Cisco network platform. They had no prior experience with HPE, Veeam or FS switches and their supporting technologies.

INDUSTRY

Education

CORE PRACTICES

Compute
Network

TECHNOLOGY

VMware Virtualization
HPE Nimble Storage
Veeam Backup & Replication
HPE Apollo & StoreOnce Backup Storage

LOCATIONS

Main Campus (Muskogee, OK)

TIME FRAME

90 Days

SERVICES

Comprehensive site survey(s)
Architecture redesign (3-2-1 Backup Rule)
Inventory auditing
Infrastructure material procurement & install
Cable design and installation
Pre and post install engineering testing



DELIVERING SIMPLIFIED COMMUNICATIONS

After close consultation and careful consideration of the critical role of communications in the college environment, Standley Systems and the client selected a simple, reliable, integrated solution from the HPE suite. With costly network product hardware, licensing and maintenance, the customer was also looking for a way to reduce costs. The FS Series LAN switch platform fit the bill and reduced capital and operational costs by over 66%. The project took place in two phases and included the installation of FS core network switches and HPE servers. The solution accommodated student academic schedules and their need to maintain uptime, and provided staff with insights into backup data, messages and alerts wherever they might be. Standley Systems worked diligently, staging and testing the solutions prior to deployment, to ensure a clean and non-disruptive implementation. And our Standley “Knowledge Transfer” approach created in-house by experts, resulted in significant cost savings and improved usability.

MANAGING THE SOLUTION

After deployment, the Standley team took on the task of providing day two support of the new system, giving the client the peace of mind that comes with knowing their system is in the hands of expert engineers who know it best. The expertise and customer-first approach of the Standley Systems engineering team further solidified the relationship of Standley Systems with the college. After the success of the two phases, the client signed on for an additional advanced emergency and alerting system. Keeping close communication with the client provided better response to the client's current and future hardware and services needs. Additional projects are planned for the near future.

WHY STANDLEY SYSTEMS

Founded in 1934, Standley Systems is an award-winning, technology integration partner. Standley specializes in designing, building, and delivering best-in-class technology solutions for enterprise and medium size networks, data centers, phone systems and more. Standley Systems aligns itself with rising technology stars and industry leaders such as HPE, Cisco, Mitel, Fortinet and other industry leaders. The Standley team of expert architects and engineers hold the highest level of certification and employ the use of state-of-the-art, facilities to translate the latest ideas and technologies into inventive solutions that accelerate client outcomes.

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