



West Liberty University

A converged network with doubled capacity for an optimal learning experience

“ We went from having an underperforming network to being a leader in our state for on-campus Wi-Fi. The impact this has on our students and faculty is nothing short of amazing. We couldn't have done it without ALE and Dagostino. ”

James Clark - Chief Technology Officer

MARKET: EDUCATION

DEAL IMPLEMENTED: AUGUST 2017

REGION: UNITED STATES

NUMBER OF USERS: 3500

COMPANY:

WEST LIBERTY UNIVERSITY

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Established in 1837, West Liberty University is a forward-looking, four-year public university steeped in a rich heritage as West Virginia's oldest institution. Today it offers more than 70 undergraduate majors, plus a growing number of graduate programs including master's degrees in education, physician assistant studies, criminology, biology, professional studies and an online MBA.

CHALLENGES

West Liberty University wanted to support learning and BYOD by providing students and faculty with state-of-the-art Wi-Fi in the classroom and across campus. A new solution was required to replace aging and fragmented infrastructure and build a solid future-proof network.

The university also needed support to replace a failing communications system with a new high performing telephony solution.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniPCX® Enterprise Communication Server
 Alcatel-Lucent 4019 Digital Phones, DeskPhones, Premium DeskPhones
 Alcatel-Lucent OmniSwitch® 6350 Gigabit Ethernet LAN Switch
 Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
 Alcatel-Lucent OmniSwitch 6860E Stackable LAN Switch
 Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
 Alcatel-Lucent OmniAccess® 4550 WLAN Controller
 Alcatel-Lucent OmniAccess WLAN Access Points
 Alcatel-Lucent OmniVista® 2500 Network Management System
 Alcatel-Lucent OmniVista 3600 Air Manager
 Alcatel-Lucent ClearPass Policy Manager

WHAT MADE THE DIFFERENCE?

Dagostino, ALE's business partner, exhibited a strong understanding of West Liberty's business and the improvements that were needed. The university spoke to customers that had implemented similar ALE solutions with Dagostino in the past and found that all were very satisfied with the service they received and the performance of their solutions.

Benefits

> TECHNICAL

The unified networking architecture has simplified management and maintenance, and paved the way for integrating voice in the future.

Efficient core and edge switches have doubled the network capacity, including outdoors.

Segmenting the network for students, faculty and staff ensures controlled access to bandwidth.

> FINANCIAL

The new infrastructure is better and less costly to operate. Reliable Wi-Fi in the football stadium increases alumni participation and helps West Liberty University connect with this important donor base during Homecoming.

> USER EXPERIENCE

Students are very satisfied with the Wi-Fi, each connecting an average of three devices to the wireless network. Professors can implement new teaching tools and take teaching outside of the classroom to enhance the learning experience for their students.