

# PUXICO HIGH SCHOOL



IMPLEMENTING A NETWORK SOLUTION TO FACILITATE STATE-MANDATED TESTING

## PUXICO SCHOOL DISTRICT

Puxico School District is a K-12 district located in Puxico, Missouri. It has about 850 students and 130 members of staff. The district has 3 schools and a total of 6 buildings.

### CHALLENGES

Puxico School District wanted to replace its 1GB backbone, composed of switches from multiple vendors, with a higher performing and uniform 10GB core.

A robust solution was required that could support a growing number of devices, including school laptops and new digital security cameras, and that was scalable enough to adapt to future needs.

It was critical for the district to install a reliable wireless network in order to carry out state-mandated testing for all students.

### PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 6450 Stackable Gigabit Ethernet LAN Switch

Alcatel-Lucent OmniSwitch® 6850E Stackable LAN Switch

Alcatel-Lucent OmniAccess® WLAN Access Points

### WHAT MADE THE DIFFERENCE?

During its research phase, the district took note that Alcatel-Lucent Enterprise solutions were rated very positively by other schools.

The quality of service delivered by NovaCopy, the business partner, was outstanding.

Location: Missouri, USA

Vertical: Education

Number of users: 980

Deal implementation: July, 2015

Business partner: NovaCopy



## BENEFITS



### TECHNICAL

Network management is greatly simplified thanks to the interface that allows devices to be remotely managed.

Puxico School District can scale up the network to meet the demands of future projects, for example, adding IP phones or implementing wireless devices in the district.



### FINANCIAL

Maintenance has been facilitated, freeing the technical team to focus on other tasks.

The solution, financed by federal E-Rate funding, offers great value while staying within budget.



### USER EXPERIENCE

Students now have the connectivity they need to take their tests wirelessly without any performance issues.

The network-supported security system upgrade maximizes safety for everyone onsite.



“The Alcatel-Lucent Enterprise solution ticks all of the right boxes for us. It’s helped us meet our objectives and has made network management simpler. We look forward to continuing our partnership with ALE USA, inc and NovaCopy.”

Don McRoy, Technology Coordinator, Puxico School District