



STATE COLLEGE AREA SCHOOL DISTRICT (SCASD)

Situated in the heart of Pennsylvania, State College Area School District (SCASD) is spread over 12 campuses, educating approximately 6900 students with close to 1350 faculty and administrative staff.

Computer technology is integrated in the core curriculum at all school levels with sixty-six competencies. Students and teachers regularly sweep technology education awards at regional, state, and national competitions.

CHALLENGES

SCASD wanted to replace their outdated infrastructure that could not handle the additional traffic brought by the new BYOD initiative.

The network upgrade had to match the increasing demands for apps and services, and fully connect the student body -- a one-to-one student/device ratio was being implemented for 6th to 12th grade students.

The new solution needed to support 24/7 IPTV services and video-on-demand across all campuses.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 6900, 6450 Stackable LAN Switches

Alcatel-Lucent OmniVista® 2500 Network Management System

Alcatel-Lucent OmniVista® 3600 Air Manager

Alcatel-Lucent OmniAccess® 4504XM

Alcatel-Lucent OmniAccess® Wireless Access Points

WHY ALCATEL-LUCENT ENTERPRISE

The State College Area School District has been using Alcatel-Lucent Enterprise's technology and services for the past 8 years. They chose to upgrade their system with this trusted partner because the proposed solution fully answered their advanced technical requirements.

Location: Pennsylvania, USA

Vertical: Education

Number of users: 6900 Students, 1350 faculty and administration

Deal implementation: August 2014

Business Partner: Dagostino Electronic Services



BENEFITS



TECHNICAL

The steady implementation of 1g LAN and 10g aggregation provides the support for widespread wireless coverage for students and staff, enabling improved access to resources, regardless of location or device.

Full inter-campus video-on-demand allows staff to host conferences and share information effortlessly via the modified IP technology.



FINANCIAL

The solution enables new maintenance jobs to be requested on the move, enabling health and safety issues to be addressed as they arise and eliminating potential expenses.



USER EXPERIENCE

Thanks to this new technology, students and staff can now use the latest digital services to advance in e-learning and maintain communication across campuses.



“SCASD chose an intelligent wireless environment to stay at the forefront of digital education and to apply the latest teaching methods using new technology. Alcatel-Lucent Enterprise has been central for us in achieving educational excellence and is also an important partner in improving and implementing our initiatives.”

Nick Zepp, Senior IT Manager, SCASD.