

Case History: Education

Charlotte Public Schools

Customer Name: Charlotte Public Schools

Customer Location: Charlotte, Michigan

MOSS Contact: Ron Spencer

Consultant: Converged Technologies

Solutions: Secure Networks
Multi-Media (Video Surveillance)

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Project Description:

This assignment was to upgrade the school system's complete network over a three-year period. In particular, the customer needed wireless connectivity for mobile laptops and the media center/library, as well as IP video surveillance for the safety of students and protection of school property. MOSS had to integrate old and new technologies, as new funding became available. In addition, they had to resolve installation issues caused by a different vendor in Phase II of the project.

Product Solution:

- 3Com 4050 Core Switch with XRN
- 3Com 4400 10100 Ethernet Switches
- 3Com 8250 Wireless Switch
- Bosch IP Video Surveillance

Unique Conditions:

MOSS had to work in the "off hours" after the school day and minimize disruptive outages.

Results/Benefits:

This is a very flexible secure converged network that can handle VoIP, as well as Video over IP.