

Case History: Education

Galesburg/Augusta Public Schools

Customer Name: Galesburg/Augusta Public Schools

Customer Location: Galesburg, Michigan

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Consultant: Communication by Design

Solutions:

- IP Telephony
- Secure Networks
- Audio Systems
- Structured Cabling

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Project Description:

Galesburg/Augusta public schools passed a millage to build a new high school; in the process, the old high school was remodeled for the new middle school. The former middle school then became one of the new K-6 elementary schools. A domino effect of building new and remodeling at the same time caused extremely tight time frames due to the need to coordinate with all other vendors.

Product Solution:

- IP telephony: 3Com NBX (each school connected with fiber solution with WAN – gigabit to Desktop); new High School used as main Hub.
- Audio: Bogen/TOA intercom and paging system
- Cabling: Hubbell Mohawk Cat 5E with 20-year warranty
- Surveillance in HS/MS: Bosch cameras
- 3Com Wireless Network with 4400 10/100 Ethernet switches

Unique Conditions:

- Simultaneous district-wide construction
- Multiple buildings: three at once
- Tight time frames
- Implementing phone system over summer shutdown made it tough to train (staff and teachers not in the offices during summer).

Results/Benefits:

This state-of-the-art, school-wide solution will not have to be upgraded until the 5500 3Com switch takes the place of the 4400 switch as the standard.



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