

Dallastown Area School District moves security to head of the class



BOSCH

Invented for life

Industry:

Education

End User:

Dallastown Area School District

Dallastown Area School District is located in York County, 34 miles south of Harrisburg, in the south central part of the Commonwealth of Pennsylvania. The district serves nearly 6,000 students in five kindergarten through third grade elementary schools, a fourth through sixth grade intermediate school, a seventh through eighth grade middle school, and a grade nine through twelve high school. Its high performance expectations are combined with competent teachers and supportive parents to achieve student success.

Business Objective:

The school district's IT department sought a flexible IP video surveillance system that would allow administrative staff and the school's resource officer to easily search and playback recorded video to determine the events surrounding incidents at the schools. Secretaries also needed to view video of the entranceways from their desks, in order to see a person requesting access to the school before unlocking the doors.

Solution:

Nearly 250 FLEXIDOME IP cameras monitor the hallways and cafeterias in the district's buildings. Day/Night cameras provide an extended dynamic range and mechanically switching IR filter to capture video in areas that have low light or that are near windows with excessive light. In addition, 14 AUTODOME 7000 IP cameras monitor the exteriors of the middle and high school, including the football field.

For recording video, the cameras stream signals across the district's logically separate security network for storage on eight iSCSI RAID arrays. Video Recording Manager (VRM) creates a virtual pool of storage across all arrays and allocates recording space to each of the IP cameras as needed.

With cameras that stream directly to RAID arrays, the district avoids using NVRs, which would have required extra time and funds to support. The streamlined system design and use of VRM software made installation easier, as recording settings were programmed in less than a day.



Dallastown Area Middle School

The system design also gives the IT department the flexibility to adjust frame rates, reallocate storage disk space or reformat storage without stopping recording.

The Bosch Video Management System is used for centralized management of cameras across the district, while authorized users in each of the schools see only the cameras at their specific facility.

Result:

The district reports the system helps administrators more quickly identify which students were involved in incidents that happen in the schools. The students are more likely to be truthful about the role they played, when they see themselves on recorded video.

In addition to the cameras already installed, the district's IT department plans to install AUTODOME 7000 HD cameras around the exterior of the elementary school buildings to help protect the younger students from external threats. Moving forward, as more cameras are added to interiors, the district will install FLEXIDOME IP starlight HD cameras to make identification easier even in low light conditions.

Bosch Security Systems, Inc.

130 Perinton Parkway
Fairport, NY 14450
800-289-0096
www.boschsecurity.us