

CASE STUDY

NATOMAS UNIFIED SCHOOL DISTRICT

Overview

- School district needed to add new surveillance cameras to legacy system
- New cameras and recording system made archiving video easier
- Management and oversight of system is easily done in one central location



Natomas Unified School District has 13 schools that they wanted to get on a common surveillance platform. However, like many school districts, they had disparate systems installed at their various buildings. Additionally, all of the existing systems included analog cameras with digital video recorders (DVRs) that limited the monitoring and retrieval of archived video to the individual local site. The district had secured funding to implement a new surveillance solution at five new buildings with the goal of bringing these schools on the same platform.

IDS, along with AT&T, worked with the district to define a very specific Scope of Work (SOW) for the project. The SOW provided for the utilization of an existing storage area network (SAN) already owned by the school, as well as the opportunity to reuse or reallocate much of the existing equipment. With this information, IDS and AT&T created an enterprise solution that seamlessly integrated the existing Pelco analog cameras and DVRs and added new cameras and a network video recorder. This solution also allowed for system management from any location on the district's network. Additionally, Natomas was now able to utilize the existing SANs in the district office for the long-term archiving of video from any and all of their schools. A special requirement also was taken into consideration as some of the schools only had a 10MB connection to the central office. IDS worked around this issue by setting up the system so that the archiving of video was scheduled to occur after school hours. This total solution encompassed integrating approximately 250 cameras at 13 different schools into the district's existing IP infrastructure.

Results

IDS successfully provided Natomas the ability to have a common platform for maintaining surveillance while being managed by one person in the central office. Ease of use, simplicity, scalability, non-proprietary, out of the box thinking, and a great AT&T account team had made this an exemplary project that can easily be replicated again.