

# CASE STUDY: TEXAS SCHOOL DISTRICT

**BCDVIDEO™**  
PURPOSE-BUILT, PERFORMANCE DRIVEN

## BCDVideo Executes Best-Practices Solution in Texas Schools

**CUSTOMER** ..... Major Texas School District

**CHALLENGE** ..... Update video storage capabilities

**SOLUTION** ..... Onsite survey, customized design, demo server

**RESULTS** ..... Update video storage capabilities

### CUSTOMER CHALLENGE

A Texas school district encompassing about 100 square miles with 45 buildings and 35,000 users needed to update its video storage capabilities. The district received a bond in 2011 giving the school district's police department funding to install and update video surveillance and access control in all of its buildings and facilities.

The existing architecture created a bottleneck within their system. After a year, it was only operational in about half the buildings in the district.

Instead of being an independent platform, the IT blade servers were located in the chassis that shared resources with other applications. These servers produced lag time on live videos because overnight archiving routinely overlapped into daytime activity. Schools are learning that they can't rely on decade-old technology to provide evidence, insight, and protection that meet modern security needs. They contacted an integrator for assistance.

### BCDVIDEO SOLUTION

Working with the integrator and school district, BCDVideo went on-site to survey their network. It was discovered that the centralized architecture was responsible for the bandwidth issues – not the network. This type of implementation would never be efficient enough for a school district this large. A distributed storage design is far less strenuous on the system. Especially, when the only video streamed over the network is incident video. This causes no stress to a 10GB fiber network.



BCDVideo developed a custom solution, working with the integrator and school district for over a year, using some of the existing equipment. To demonstrate the benefits of distributed technology, a custom built demo server was used onsite for 60 days. This was used to show the full capabilities of the BCDVideo solution.

## PROJECT RESULTS

After the demo, the school named BCDVideo its sole system provider via the integrator for the district. They were excited about the ease of use and perfect implementation. BCDVideo configured the servers and installed the software leading to quick and painless deployment from the integrator – for less than half the price of their initial expenditure. Even after adding panic buttons in every office, key card readers, and access controlled vestibules, the district came in under budget on the initial installation. In the end, 1700 cameras were installed throughout the district and have led to many crimes being solved. Especially, copper thefts. The improved surveillance system also helps district police investigate parking lot accidents, monitor hot areas of the schools, and add evidence to incident reports.

## BCDVIDEO VALUES



**GUARANTEED  
CALCULATIONS**



**OPTIMIZED  
FOR SECURITY**



**HIGH  
AVAILABILITY**



**CERTIFIED VMS  
PERFORMANCE**



**FAST DELIVERY  
VAST INVENTORY**



**5-YEAR  
WARRANTY**

The distributed architecture with the BCDVideo Nova Series video recorders has been running flawlessly since 2014. Optimized for both video surveillance and the OnSSI video management software, the school district now has a unified solution purpose-built to run together. The system's scalability also satisfies the SB 507 law, requiring six months of video/audio storage for special education classrooms, without needing additional systems. With BCDVideo, the school district won't have to worry about their video surveillance for years. BCDVideo's quality and five year onsite warranty guarantee it.