

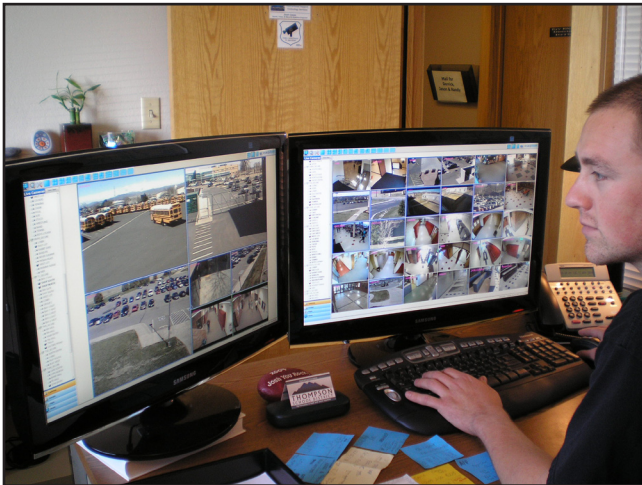


Thompson School District

Thompson School District R2-J

800 S. Taft Ave.

Loveland, Colorado 80537



The Thompson School District encompasses 362 square miles, and is the largest employer in Loveland/Berthoud, Colorado. With nearly 16,000 students and 2,100 staff members in 2010, the district includes eight early childhood centers, 21 elementary schools, five middle schools, five high schools and one charter school. The Loveland/Berthoud area is located on the Front Range of the Rocky Mountains, less than an hour from both Rocky Mountain National Park and Roosevelt National Forest.

Thompson School District web site

The security professionals at Thompson School District believe in the benefits of having a surveillance system installed and working throughout their school district. They have labored through black and white time lapse VCRs, digital video recorders and even some of the latest and more popular video management system (VMS) software offerings. But nothing seemed to work as promised or truly fit their needs. With well over 30 school buildings and administrative facilities, Thompson School District needed a robust solution that was easy to use and easy to install—including adding additional IP cameras as their needs grew. Additionally, well over half of the faculty members use Macintosh computers, so a cross-platform solution would make the system available to everyone, regardless of their computer's operating system.

Josh Coseo serves as the Sound, Video and Security Systems Engineer for the district. He was on-hand when they first made the jump to IP video with another VMS software solution. This particular software was very difficult to install and equally difficult for Josh and his staff to use. It took a week for the integrators to set-up a four-camera system and then they had a hard time tweaking the amount of days to record video. Even burning a DVD of recorded video was troublesome. After seeing just a few screen capture images of the exacqVision VMS software from a brochure, he asked for and received an in-house demonstration. The demonstration proved to be a turning point for Coseo and Thompson School District. Not only was it easy to export recorded video, he could also incorporate his existing 20 analog cameras to exacqVision hybrid NVR servers. Josh made the recommendation for Thompson School District to make the change to the exacqVision VMS software and servers.

Thompson School District has now completed their migration to IP video, recently replacing all but one of their remaining analog cameras with high definition network cameras. All of the 144 network cameras currently on the exacqVision IP Camera servers are from Axis Communications, including 30 new high definition cameras. High definition network video is a requirement for the district as the exacqVision system's recorded video is fully utilized to investigate issues of theft and vandalism. End users can make use of the client's digital PTZ functionality in conjunction with high resolution video from Axis Communications to make positive ID's of vandalized and/or stolen property as well as the perpetrators involved in the incidents. Overall, the presence of the system has resulted in fewer incidents and insurance claims plus an overall feeling of safety and protection in the district.

Software Configuration:

- exacqVision server software running on Windows OS
- exacqVision webserver

Hardware Configuration:

- 13 exacqVision 2U Rackmount IP Camera Servers
- 2 exacqVision 2U Rackmount Hybrid Servers
- 4 TB storage on each server (52 TB total)
- 34 sites make up the campus, all connected via Motorola peer-to-peer wireless links
- HP PoE ProCurve switches
- Gigabit network
- Segregated VLAN utilized for physical security network
- 144 IP Cameras from Axis Communications spread throughout multiple sites

Quantity	Axis Model Number	Description
26	232D	PTZ with 18x optical zoom
7	233D	PTZ with 35x optical zoom
5	M3014	HDTV resolution, discreet dome form factor
44	P3344-V	HDTV resolution, dome
5	P3344-VE	HDTV resolution, vandal resistant dome
13	P1344	HDTV fixed camera
1	P1344-E	HDTV fixed camera with outdoor mounting
43	225FD-V	Standard resolution, fixed dome

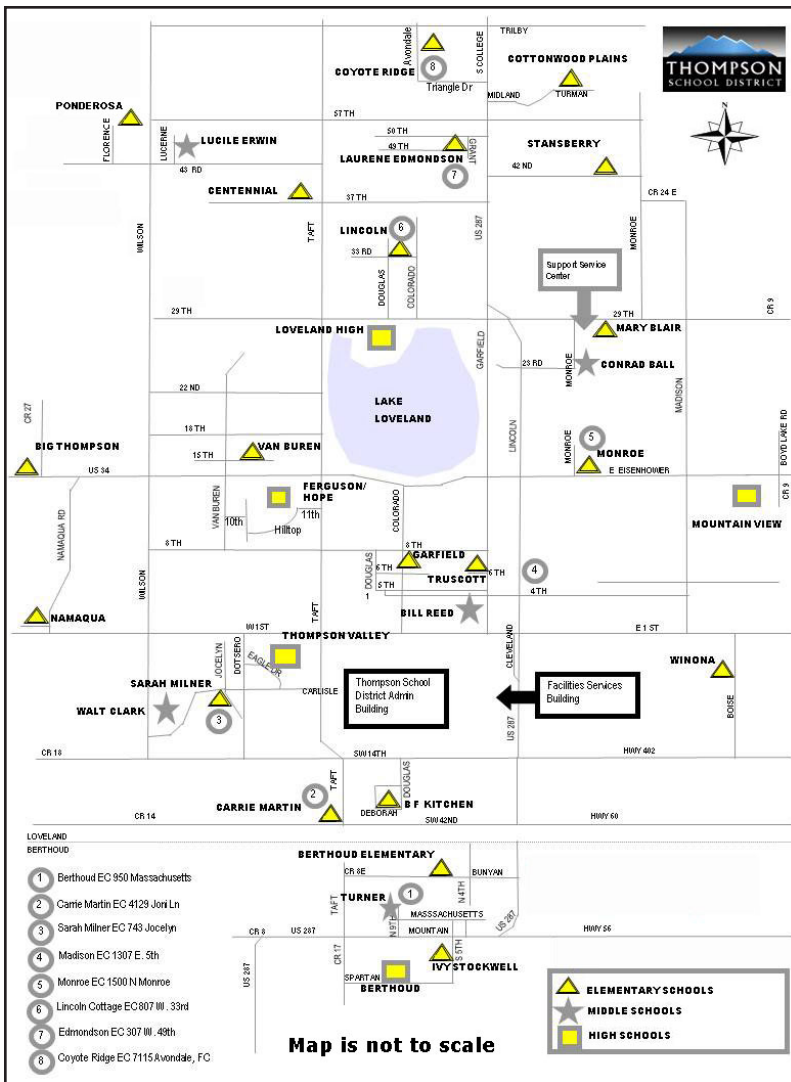
- Cameras spread out over 21 Elementary Schools, 5 Middle Schools, 5 High Schools, Administration Bldg., Transportation Center, Support Services Center
- Macintosh Computers and Windows computers running exacqVision client
- Web-enabled mobile devices running exacqVision thin-client

Purpose/Benefits of the System:

- Easy installation and easy for everyone in school district to use.
- Simple to add IP cameras to any of their 13 servers spread over 34 sites via the network
- Powerful exporting of exe files of single or multiple camera video to DVD, hard drive or other source. Anyone can open this file.
- Eliminates the need for security guards in the evening to monitor all 34 sites.
- High Definition cameras provide detail to make positive identification when necessary
- Parents feel comfortable knowing high-tech, powerful system is in place
- Presence of high definition cameras is a deterrent
- Significant reduction in insurance claims as break-ins, theft and vandalism have been reduced
- Police have quick access to precise, high definition video to deal with incidents
- Complete access available from any computer or mobile device on the school network or internet
- Cross platform client operates on Mac computers as well as Windows machines



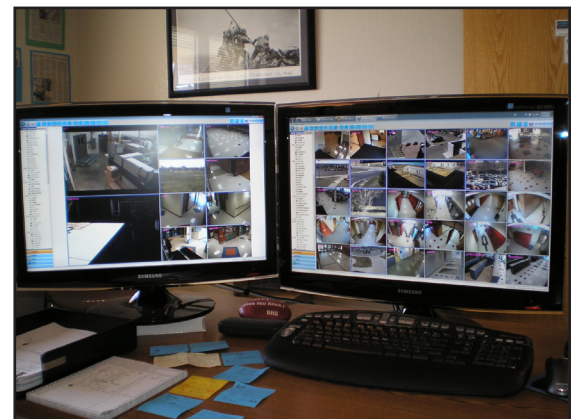
Nine of the 31 school buildings in the Thompson School District.



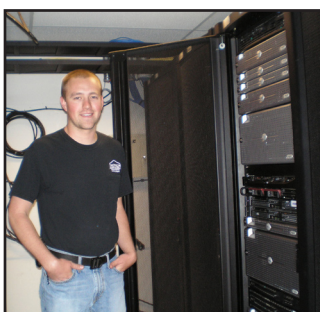
With over half of the faculty members at Thompson School District using Macs, having a true Mac client was a factor in the final decision to choose the exacqVision VMS and servers.



Outdoor mounted IP cameras from Axis Communications look over the school bus facilities at Thompson School District. The district currently has 140 network cameras from Axis.



Windows exacqVision clients opened on multiple monitors



"We've experimented with other video management systems and even DVRs in the past, but we never got the results we wanted. The exacqVision system was easy to install and makes it simple to manage our live and recorded video. Additionally, at least half of the employees in the school system use Macintosh computers, so it was important that we had a client that was convenient for everyone to use. The exacqVision client MAKES the system for us. It doesn't matter if you're a tech savvy geek or someone who's barely used a computer, you can easily and quickly get what you need from the exacqVision client."

Josh Coseo
Sound, Video & Security Systems Engineer
Thompson School District