



CASE STUDY: BETHEL SCHOOLS



Products Used:

- DEVOS Media Server
- DVME Rover Mobile Encoder
- DVME Spirit Desktop Encoder
- DV Soft Top Box Decoder
- Samsung Digital Monitors
- ARCUS Internet Streaming Service

Background

Bethel, Connecticut has one high school, one middle school, and three elementary schools. All of these schools are connected through a high-speed fiber-based network.

Bethel Schools asked Discover Video to provide a cost-effective, easy-to-use digital video distribution system for the entire school district.

Challenges

- Bethel Schools had a TV studio where they created weekly news programs, but they needed a system that would store and deliver the video news program to classrooms as well as to students/parents at home.
- With TV monitors already installed in hallways, cafeterias, and the media center, Bethel Schools wanted a simple system to create and distribute information such as sports schedules, lunch menus, key events, and recorded video programs to them.
- Bethel Schools had purchased educational videos to supplement classroom instruction, and they needed a system that would deliver the videos to the classrooms on demand. The system would allow any teacher to easily search and play the video from their computer.
- The Board of Education wanted their twice-monthly meetings recorded and available on the Internet for viewing on demand.
- The schools wanted to share key events like graduations, school concerts, and open houses live on the Internet.

Solution

Bethel Schools implemented the Discover Video DEVOS media server along with the Discover Video software encoders. The encoders (software and hardware versions) are being used for:

- Recording Board of Education meetings for viewing on the Internet
- Encoding/recording video and audio from cameras and microphones in the TV studio for the school video news program distribution
- Streaming major school events live on the Internet

The DEVOS system has several functions:

- Delivering live streams from the encoders both internally and on the Internet
- Holding and distributing any recorded video internally and externally
- Delivering the digital signage content to TV monitors
- Sending emergency notifications to classrooms

The DEVOS media server accepts live streams from the Rover and Spirit encoders and delivers them to classroom PCs, Macs, and mobile devices. It also holds all of the schools' educational videos. Teachers can access any video on a PC or Mac by opening their browser, searching, and selecting it on the DEVOS menu. The video can be played in its entirety or specific clips that are bookmarked. With permission, students can also play specific video titles on their devices.

Benefits

- BOE meetings can be seen on the Internet, increasing community involvement
- The Video News program is seen by all of the students; parents can watch it at home on any viewing device
- Video is used more widely in the school to enhance the learning process. Teachers can use local education content or pull videos from YouTube and iTunes through the DEVOS system
- Digital signs provide up-to-date information throughout the schools
- Parents and relatives can watch school graduations, concerts, open houses, and other events live on the Internet