



### BROADCAST / SHARE

Distribute cable tv channels to each classroom

### TEACH / LEARN

Use live video to teach

#### **VBrick Products**

Dual Channel MPEG-4 Encoders

**Challenge** Develop a low-maintenance, low-cost cable television distribution system for each school.

In a district serving more than 3,000 students in seven schools, delivering live cable television to each and every classroom using a tradition closed-circuit television system becomes costly to install and maintain.

In planning for four new buildings, Geneva Area Schools wanted to avoid installing a high-cost coax cable distribution system.

With the opportunity to install a more robust integrated solution in the schools being built, the Geneva Area Schools decided to explore using a network-based video solution that could be maintained by a one-person IT department.

**Solution** A network video solution that uses VBrick Appliances to encode and distribute cable television to each classroom.

“While the school district did look at a number of network video solutions, none were as easy to install, configure, maintain, and use as VBrick’s.”

Scott Huggins, Director of Technology  
Geneva Area City Schools



After deciding to install a gigabyte fiber optic network, the Geneva Area Schools decided to integrate a network video system.

With half a dozen dual-channel VBrick encoders attached to a dozen VHS/DVD players video from any source can be delivered across the entire network, eliminating the need for expensive closed-circuit television systems and hard-to-maintain modulation equipment.

Any PC in the entire school district can access the video feeds using VBrick’s StreamPlayer software. Teachers can connect a PC to a television or a projector and share the live video feeds with their students.

**Benefit** Eliminating the need to install costly video modulation equipment saved more than \$260,000 and increased access to the live video content.

Besides the initial cost savings during the construction for the new schools, VBrick's reliability and low-maintenance reduced the long-term costs as well over a traditional analog system.

In addition to meeting their main goals, VBrick's scalability allows for the future expansion of the Geneva Area Schools video system.

By just attaching a camera and microphone to any of the encoders, the school district can distribute live broadcasts to all its classrooms for morning announcements or special events.

Teachers who have recording video on DVD or VHS can also make their video available for the entire district on one of their internal channels dedicated to that purpose.

As their needs change and grow, Geneva Area Schools can even create an on-demand media library of content available to the entire district.

**System Integration**

