



### **CUSTOMER**

Colorado School for  
the Deaf and Blind

### **INDUSTRY**

Education

### **LOCATION**

Colorado Springs, Colorado

### **SIZE**

1 School serving  
530 students

### **CUSTOMER**

The Colorado School for the Deaf and the Blind (CSDB) is Colorado's largest school for deaf and blind students. In 2010, CSDB realized they needed a more efficient way of delivering visual resources to their hearing impaired students and audio files to their visually impaired students. Shortly thereafter, CSDB decided to implement MediaCAST's digital content management and video streaming platform based on its ability to meet the needs of both segments of their student population.

### **ENCODING AND CAPTIONING**

MediaCAST provided a way for CSDB to digitize and add captioning to their existing DVDs and VHS tapes. With this captioning capability, videos are now able to serve double duty in both the School for the Deaf and the School for the Blind. Additionally, students and staff are now able to access these subtitled resources on-demand from school or home.

Through the use of an OnLocation Cart, CSDB teachers are able to record themselves teaching their lessons and upload them to the Media Portal for on-demand viewing by students. This has proven especially useful when teaching American Sign Language (ASL). Teachers can go into ASL lessons and add captioning to each sign for hearing impaired students. Since these videos are available 24/7 through the Media Portal, students are able to continue learning beyond the classroom.

### **LIVE EVENTS**

Additionally, the school's OnLocation cart can be used to stream and record live events, like graduation, over the internet. Approximately 50 percent of the school's on-campus students reside at the school. Their families often live many miles away, making it difficult to attend events in person. Now, through MediaCAST, CSDB can broadcast events online to family and friends worldwide.

CSDB is also using the video conferencing capability to save time and money. Instead of requiring teachers to travel to school summits, they can now 'attend' via virtual conference and record and caption these events for review.

### **IN THE CLASSROOM**

MediaCAST plays a large role in the classroom as well. Every classroom at CSDB has been equipped with a viewer that delivers live and recordable IPTV. What makes the CSDB system unique is that they have replaced traditional remote

controls with mounted touch-screen control panels. This switch eliminates the annoyance of losing remotes and provides students access to educational content if a teacher is otherwise occupied.

CSDB also implemented the Kiosk Central module, providing digital signage, campus-wide. Used to deliver timely information to students and staff throughout the day, digital signage plays a crucial role when emergencies arise. During an emergency, CSDB can push out an all-call that will remotely turn on digital signs and deliver emergency messages. CSDB's digital signage system has been designed to use both visual and verbal cues in order to reach both the deaf and blind student populations.

Together with MediaCAST, CSDB is able to create a wealth of learning environments for their diverse student population. In addition to making their traditional media resources work for them, CSDB can now reach their students in ways that encourage their specific learning needs.