Network video moves to the head of the class.

Axis network video delivers lessons to students in alternative classrooms.

Organization:
Lauderdale County School District

Location:
Meridian, Mississippi, USA

Industry segment:
Education

Application:
Remote learning

Axis partner:
CameraWATCH

Mission

The Lauderdale County School District in Meridian, Mississippi, needed a way to guarantee that students serving in-school suspension received an equal level of education as students in regular classrooms.

Solution

Lauderdale worked with CameraWATCH, an Axis partner specializing in network video solutions for schools, to install 75 Axis network cameras with conference microphones. The cameras and microphones were placed in core classrooms throughout six middle schools and high schools. This allows students serving in-school suspension to remain on campus, and learn via video from an isolated classroom.

The district set up the network camera system on its existing IP network, which enabled the district to better utilize the extra bandwidth.

Result

Using the Axis network cameras and microphones, misbehaving students are able to participate in class lectures on a listen-only basis. The alternative classroom is always monitored by an employee, but the students still receive the same instruction as the rest of their classmates.

AXIS
COMMUNICATIONS

"The Axis network video technology was well suited for our needs because the image quality is extremely good. High resolution was important in this installation because students need to be able to clearly see what their teachers are writing on the marker boards."

Lindsey Keene, technology coordinator for the Lauderdale County School District

Misbehavior

Located in east-central Mississippi, the Lauderdale County School District has nine campuses, 6,250 students and 460 teachers. Lauderdale's mission is to educate all students so they can become competent, contributing members of society. Because of this, the district was concerned with how to best educate students serving in-school suspension while separating them from the rest of the school's population.

First, Lauderdale set up an alternative campus for in-school suspension students, which was staffed by dedicated teachers. However, the district found that operating a separate campus was cost prohibitive, and it was challenging to find teachers qualified in all subjects for the wide age range of students in the school.

"According to No Child Left Behind, every student has to be instructed by a highly qualified teacher," said Lindsey Keene, technology coordinator for the Lauderdale County School District. "The alternative campus was not providing a satisfactory level of education, so we began to research other options, including how students could remotely observe lessons in real time."

A creative solution

Lauderdale ultimately decided to move all students serving in-school suspension back to their campuses but to place them in isolated rooms. A classroom with individual learning stations was set up on each campus, and Axis network cameras with microphones were installed in every english, math, science, and social studies classroom. The network cameras and microphones are aimed directly at the blackboards so that students have a clear view of the teacher and the writing on the boards. The Axis network cameras and microphones also connect directly to the school's existing network infrastructure, which reduced installation time and cost.

Students in the alternative classrooms are now able to watch and listen to lessons as they are being taught. Each Axis network camera and microphone combination has a unique IP address, which students access from personal learning stations equipped with computers and headphones. If the students have questions, they can e-mail their teachers or send written questions.

Using the Axis network video solution also allows Lauderdale to more easily staff the alternative classrooms. Instead of having a qualified teacher for all subject matters and age levels, a single certified teacher or a classified facilitator is able to monitor the room. Students also do not fall behind in their coursework and are able to complete all assignments and tests within the same time frame as students in the general classroom.

The system has been so successful that the district is looking to expand the capabilities with an archival system. This would allow all students to watch recorded lessons from school or home.

CAMERAWATCH.

AXIS®
COMMUNICATIONS