

Increasing Interactions with Students

As the first stage of the deployment, Cornwall-Lebanon school district deployed ScreenBeam wireless display receivers in its first grade classrooms, enabling teachers and students to share applications and content from anywhere in the classroom. This new mobility empowers teachers to better engage the class and accommodate the different learning styles and needs of each student.

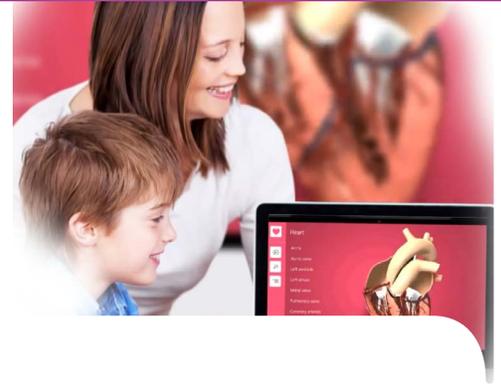
The Problem

Elementary school classrooms across the Cornwall-Lebanon school district are equipped with interactive projectors. While the projectors have served the classes well, there is one key drawback: teachers' laptops are connected to the projectors via wires. This means that in order for the teachers to interact with the content, they must be standing in one place. And when teachers are fixed in one location, they are less effective at holding the attention of the classroom, and it's difficult to provide individual attention and gauge student comprehension of the lesson.

The teachers wanted a better way to implement the interactive projectors in the classroom—one that would enable them to easily move throughout the room and work more closely with students. The district began to look for a wireless display solution to help teachers engage their class and bring lessons to life.

The Solution: ScreenBeam

After evaluating the options, the Cornwall-Lebanon school district selected ScreenBeam, a wireless display solution that lets users wirelessly share content from compatible tablets, smartphones, and laptops with an HDTV or projector. As the first stage of the deployment, the Cornwall-Lebanon school district deployed ScreenBeam units in its 1st grade classrooms.



Cornwall-Lebanon School District

School

Cornwall-Lebanon school district is a public K-12 district in southeastern Pennsylvania

Population

The district serves 4,800 students, dispersed among a high school, middle school, and four elementary schools

Goal

Untether teachers from wired connections to interactive projectors; increase student engagement and teacher proximity control

Outcome

By connecting the ScreenBeam receiver to the interactive projector already in the classroom, teachers are able to walk amongst the student desks while still actively working with content on the projector through a tablet

By connecting the ScreenBeam receiver to the interactive projector already in the classroom, teachers are able to walk amongst the student desks while still actively working with content on the projector through a Lenovo tablet.

This new interactive learning environment increases classroom participation: teachers are able to work more closely with students. In addition, teachers can hand off the tablet to students and let students showcase their work to the rest of the class. For instance, students can take pictures of worksheets they have completed and wirelessly share their solutions on the projector screen. This enables students to take ownership of lesson problems through student-centered solutions.



The Result: Enriched Teaching and Learning

The versatility of ScreenBeam means that any kind of content can be shared, not just presentations and videos. Elementary school teachers in the Cornwall-Lebanon district use ScreenBeam in reading, writing, spelling, math, and science lessons with a variety of fun interactive apps including Reading Egg, Study Island, Spelling City, and Sheppard's software.

The school has found ScreenBeam very easy to install and use. Teachers of all technical levels are able to quickly use the device without a problem. By labeling each ScreenBeam receiver by room number, teachers know exactly which receiver to connect to – so there's never an issue of connecting to the wrong display in a different classroom.

ScreenBeam has proven to enrich the teaching process, making classroom learning more focused and interactive. The Cornwall-Lebanon school district now plans to install ScreenBeam wireless display receivers throughout all their schools, K-12.

"ScreenBeam changes the dynamics of our classrooms. Teachers are now easily able to provide individualized attention to students anywhere in the room while interacting with the content being displayed. When both teachers and students can move freely around the classroom, the level of interaction exponentially increases."

— Jason Murray, District Technology Coordinator, Cornwall-Lebanon School District

Industry Leader

ScreenBeam wireless display is the only solution that truly enables commercial deployment of secured and IT manageable wireless display. ScreenBeam wireless display is the industry standard for benchmarking and device interoperability, making it the most broadly compatible solution available. ScreenBeam solutions are used as the validation platform for wireless display functionality by companies like Microsoft, Intel, and leading PC OEM and device companies.

Actiontec is Microsoft's co-engineering partner for wireless display technologies in Windows. Because of Actiontec's status as the industry leader, and our ongoing investment in supporting industry device manufacturers, you can be assured that you're deploying the most broadly compatible, feature-rich wireless display platform.



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