ScreenBeam™ | wireless display

Cultivate Agility In Your Classroom

Mobility Is The Key To Future-Ready Schools

ScreenBeam wireless display is a suite of standards-based wireless display solutions that inspire agile classrooms by enabling a wireless connection between the teacher's source device to a classroom display or projector.
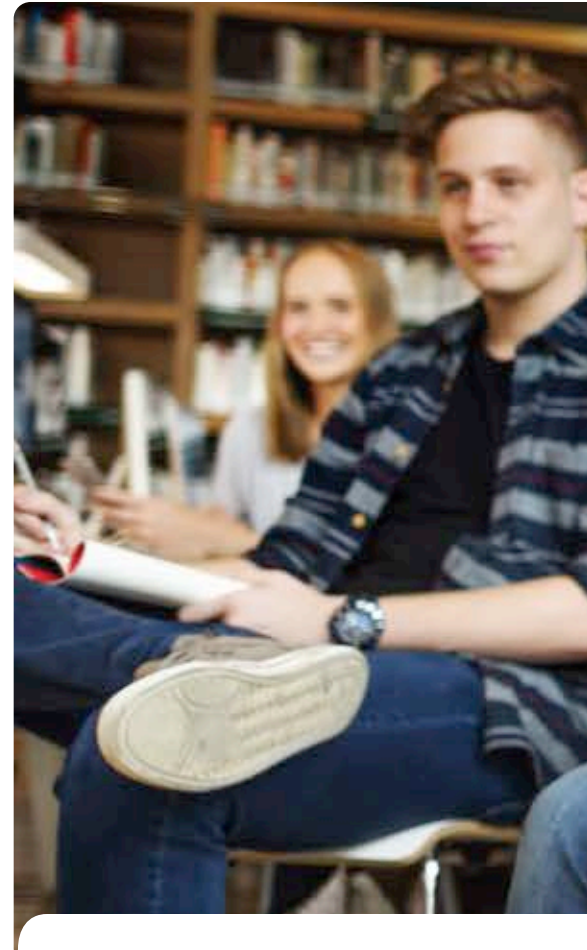
ScreenBeam frees educators from the physical limitations of cables, providing the mobility to create collaborative and interactive learning environments. ScreenBeam utilizes Miracast™ technology to create a dedicated point-to-point connection between the source device and display.

Now, educators have the freedom to move around the classroom and interact with students in real-time, increasing student engagement and participation, without any interruption to the lesson.

Mobility is Key for Classroom Agility

- Foster teacher mobility – Untether teachers from the front of the classroom, providing the flexibility to move around the room while projecting lessons on the classroom display, and save valuable instructional time.

- Enable proximity control – Cultivate classroom agility and monitor individual behavior to identify issues faster and help off-task students refocus, without interrupting instruction.

- Create interactive learning spaces – Eliminate 'sage on the stage teaching' and optimize collaboration to focus on students.

- Freedom to implement rich multimedia tools – Engage students by supplementing core curriculum with interactive online content and digital learning materials. Popular applications such as Skype in the Classroom, OneNote, FluidMath and LifeLiqe are easier to implement without the constraints of wires.

- Present from anywhere – With teacher permission, students can share work right from their desks to avoid the anxiety of standing up and presenting at the front of the class.

ScreenBeam Solution Suite ➡

ScreenBeam | Classroom Commander

ScreenBeam Classroom Commander is a wireless classroom orchestration system for Windows 10 equipped classrooms. It allows teachers and students mobility to present from anywhere in the classroom, promotes real-time interaction with wireless touch display and touch back support, and enhances learning and problem solving with support of wireless inking native in Windows programs.

- Real-time student screen monitoring
- Wirelessly present screen when ready
- Wirelessly present a student screen
- Wireless touch and touch back functionality
- View the students' active application in real-time
- Student roll call
- Virtual walk-through classroom (cycle through each student's monitor)
- Launch browser to designated URL
- Private message individual or group
- Command attention (blank screens and lock keyboards)
- Includes ScreenBeam CMS remote management software
- Compatible with Windows 10 and Windows 10 S devices (laptops, tablets or 2-in-1s)
- Up to 28 simultaneous student connections
- Does not require additional bandwidth and on-premise server to deploy

Catalog # SBCC01L

ScreenBeam | 960

ScreenBeam 960 is a wireless display receiver that supports interactive touch display and is perfect for large campuses needing real-time collaboration in their classrooms.

- Supports interactive projectors and displays with USB HID
- Configurable PIN enforcement for secure presenter connection
- Selectable wireless channel for Miracast™ peer-to-peer operation
- Specifically designed for commercial applications
- Integrated VGA output and pass-through ports; analog audio output
- Supports 802.11ac and dual-band
- Includes ScreenBeam CMS remote management software; centralized device management for IT resource and cost savings
- Compatible with Windows 10, 8.1, 7 and 4.2+ Android devices

Catalog # SBWD960A

ScreenBeam | 750

ScreenBeam 750 is a wireless display receiver that is perfect for educators who are looking to increase productivity and collaboration in their classrooms.

- Configurable PIN enforcement for secure presenter connection
- Selectable wireless channel for Miracast peer-to-peer operation
- Specifically designed for commercial applications
- Includes ScreenBeam CMS remote management software; centralized device management for IT time and cost savings
- Compatible with Windows 10, 8.1, 7 and 4.2+ Android devices

Catalog # SBWD750E, Ethernet Version
Catalog # SBWD750W, Wireless Version

ScreenBeam | USB Transmitter 2

ScreenBeam USB Transmitter 2 is a wireless display adapter that enables wireless display from Windows devices that lack native Miracast™ support.

- Fits in your palm adapter that enables legacy devices to connect to ScreenBeam receivers
- Share virtually any local or online content directly to an HDTV
- Intuitive software auto-selects and operates on 5 GHz wireless channel for optimal performance
- Compatible with ScreenBeam 960 and ScreenBeam 750

Catalog # SBWD200TX02

Manage at Scale with ScreenBeam Central Management System (CMS)

ScreenBeam CMS software supports the remote management of ScreenBeam devices at scale. ScreenBeam Classroom Commander, ScreenBeam 960 and ScreenBeam 750 come with ScreenBeam CMS so IT can configure, perform updates, and push out firmware all from one central location.

By eliminating the need to deploy IT staff to each classroom, this capability saves time and resources.

Miracast Technology: The Global Standard for Wireless Display

Miracast is the global standard for wireless display ratified by the Wi-Fi Alliance®. Miracast technology creates a dedicated point-to-point connection between the source devices and display so Wi-Fi is not required.

This allows IT to move heavy video traffic off the network, saving valuable bandwidth while users enjoy clear and consistent video.
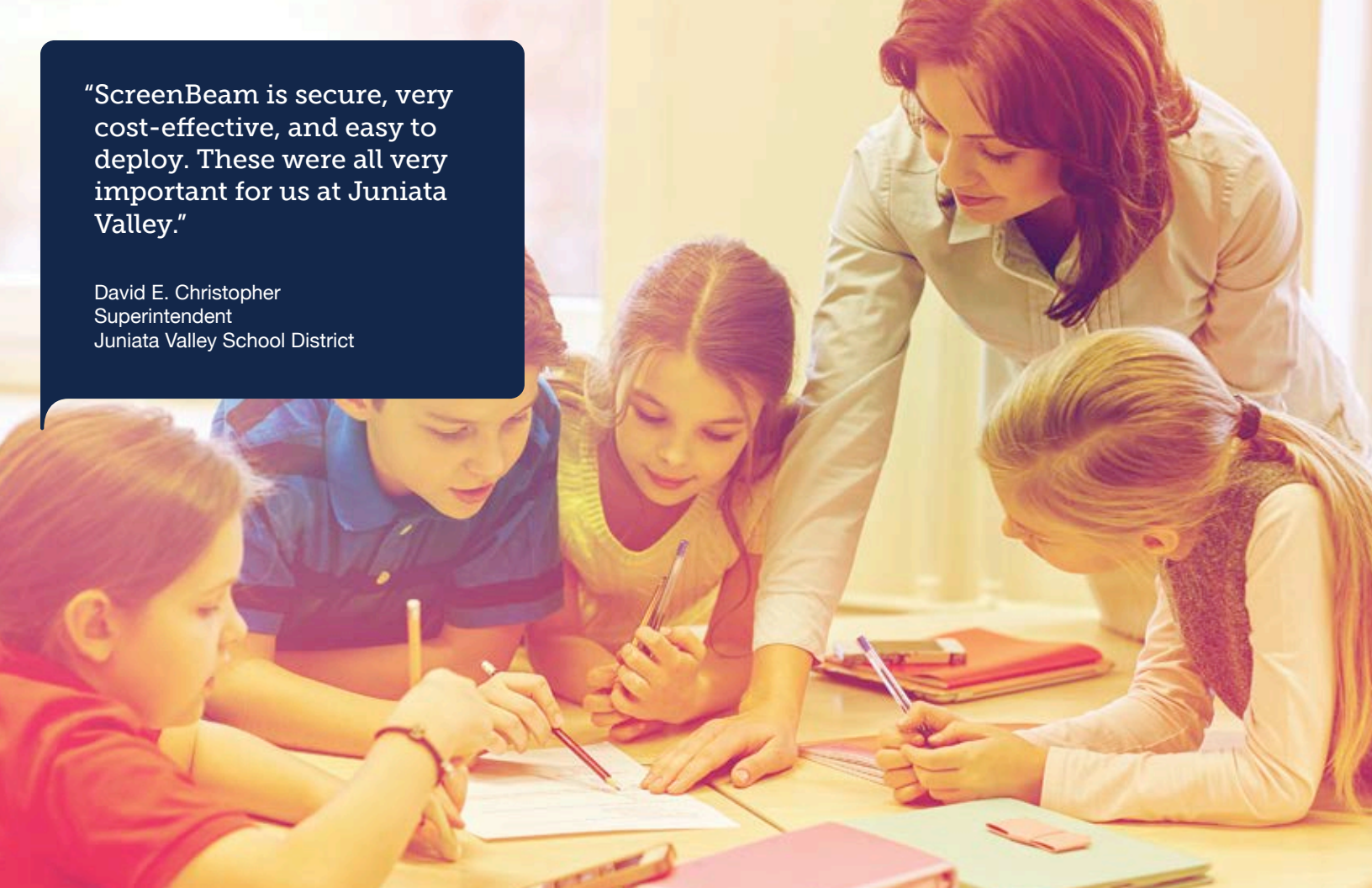
ScreenBeam solutions are used as the validation platform for Miracast wireless display functionality by companies like Microsoft, Intel, and leading PC OEM and device companies. Read more about the Wi-Fi Alliance at http://www.wi-fi.org/.

"ScreenBeam gave us the ability to move away from the traditional 'chalk and talk' teaching model where teachers are positioned at the front of the room. Our teachers can now fluidly inhabit their entire classroom space—while interacting with the content being displayed. They can now project either teacher or student work from the tablet anywhere in the room to collaborate on a math problem or convey an idea for example, while also providing individualized attention to a student in need."

Peter Cottle
Head of eLearning & Research, St. Margaret's Anglican Girls' School

"ScreenBeam is secure, very cost-effective, and easy to deploy. These were all very important for us at Juniata Valley."

David E. Christopher
Superintendent
Juniata Valley School District

Actiontec | ScreenBeam: Global Leader for Wireless Display

We are deeply invested in the design and development of wireless display to create the most reliable and high-performance solutions for our customers. Wireless display is a feature of the Windows operating system and ScreenBeam wireless display receivers allow customers to take advantage of this capability to transform their classrooms and meeting spaces.

Actiontec is Microsoft's co-engineering partner for wireless display and worked with Microsoft to develop wireless display capabilities in Windows 8.1 and 10 with Continuum. ScreenBeam™ is an official development partner for Windows 10 Continuum and is deployed in 900 Microsoft campus conference rooms.

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