

presentation systems

System Source is a full service audio-visual systems company. Our team provides a wide range of services including consulting, system design, installation, configuration and maintenance.

Menu of Services

Evaluation of Needs - We visit your site, listen to your needs and recommend the best audio-visual system for your requirements. Needs may include:

- Distance Learning Bundles
- Conference room design
- Unified Communication Bundles
- Digital signage
- Streaming and recording
- Classroom design
- Meeting/Board rooms
- Huddle rooms
- Touchless Room Control
- Simultaneous Interpretation

Unified Communication - Spaces can be transformed into intuitive audio-visual spaces taking full advantage of Microsoft Teams, Zoom and other Unified Communications applications.

Classroom Technology – Interactive projectors, whiteboards and large format LED touch screens can be integrated in classrooms with microphones and cameras to create a distance learning solution.

System Integration and Installation - Audio-visual solutions are assembled and tested in our shop and then integrated on site by our industry certified team of technicians and engineers.

Streaming and Recording - Capture live events and meetings for transmission, editing and archiving.



Certified Team

- AVIXA CTS, CTS-I, CTS-D
- Crestron NVX, Master Architect, Programmer & other
- Biamp Tesira Forte, Server & AVLIC
- Dante Level 3
- Chief
- Extron

System Source Benefits

High Customer Satisfaction - We always receive accolades for our service. Each customer is surveyed to ensure the highest service level.

Experience - System Source has partnered with Baltimore area organizations providing AV solutions since 1999.

Full Service - We provide system integration services from design, installation, programming to commissioning. A dedicated project manager coordinates our team with your internal stakeholders and other trades.

Training - The full value of your new system is realized with intuitive designs and in-depth training.

Certified Team - AVIXA CTS, CTS-D, CTS-I; Crestron, Extron, BiAmp, Chief, Dante Certifications.

Authorized Distributor for:

Video:	Audio:	Control:	VC & UC:
Sharp	Biamp	Crestron	Cisco
Epson	QSC	Extron	Logitech
NEC	Crown		Zoom
Samsung	JBL		Teams
Sony	Yamaha		
Vaddio	Crestron		
Da-Lite Screens	Extron		

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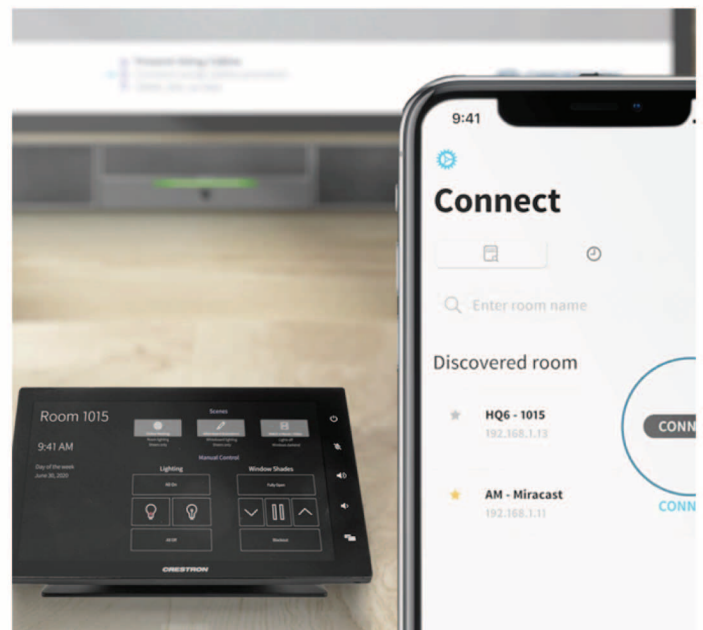
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BYOD Room Control Solution

Simple. Safe. Secure.

The Crestron ONE app simply, safely, and securely controls everything in your meeting rooms without touching anything but your own mobile device. (iOS only - Android release Q1/2021)

<p>1</p> <p>Connect</p> <p>Automatically discovers and then securely connects to room via Bluetooth® communications.</p>	<p>2</p> <p>Authenticate</p> <p>Touch screen displays challenge code and then disappears when mobile device connects.</p>	<p>3</p> <p>Control</p> <p>Mobile-optimized user interface provides clean, simple experience users expect.</p>
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Equipment Required

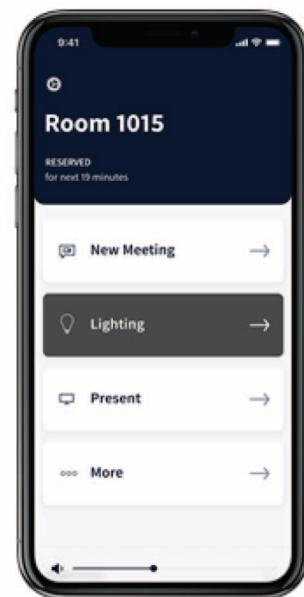
- Crestron 3 or 4 Series Processor or DMPS3
- Crestron TSW x60 or x70 series touch panel

Pricing

- \$1000 setup, configuration & training (one time)
- \$300/controller

Add-ons/Upgrades *(integration & programming labor additional)*

- Crestron 4 Series Processor (rooms that are IP controlled) - \$690
- Crestron 4 Series Processor (rooms with complex control) - \$1,370
- Crestron 7 Series touch panel (7") - \$1,370
- Crestron 7 Series touch panel (10") - \$2,050



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Distance Learning Bundles

Small Classrooms (est. \$4,400 installed)

- For capturing the instructor at the PC
- Includes: HD webcam, computer audio/headset, and 70" display on standard or articulating mount

Small to Medium Classrooms (est. \$12,000)

- For capturing the instructor moving throughout the room
- Includes: HD PTZ camera, wireless lav mic, 70" display on standard or articulating mount

Medium Classrooms (est. \$14,400)

- For capturing the instructor's audio and video throughout the room
- Includes: HD PTZ camera, ceiling mic/wireless lav mic, 70" display on standard or articulating mount

Large Classrooms (est. \$17,250)

- For capturing the instructor's audio and video throughout the room
- Includes: HD PTZ camera, 5 ceiling mics, wireless mic, DSP for audio control and processing, and a 70" display on articulating mount

Classroom Buildout (est. \$22,000)

- For medium to large classrooms with no existing infrastructure
- Instructor audio and video is captured throughout the room
- Includes: HD PTZ camera, 2 ceiling mics/wireless lav mic/DSP for audio control and processing, Brightlink I485 with 100" dry erase board AND 70" display on standard or articulating mount

Options

- Motion tracking HD camera (add \$650)
- Epson DC-13 Document Camera (add \$449)



Prices subject to change based on equipment availability.

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Unified Communication Bundles



Huddle/Small Conference Room (est. \$10,000)

- For huddle, small or medium conference rooms requiring audio, conferencing camera & display with:
 - Smart Soundbar with integrated microphone, speaker and HD camera — or — table-top video conferencing device with integrated microphone & speaker with HD camera
 - 65" 4K display on standard tilt mount
 - Wireless & wired presentation capabilities
 - End user system training
- Upgrade to dedicated Microsoft Teams or Zoom Room (+\$1,000)



Medium Conference Room (est. \$17,000)

- For medium conference rooms requiring audio, conferencing camera & display with:
 - Wall mounted button control panel for basic system control
 - Ceiling microphones and speakers
 - Wireless and wired presentation capabilities
 - 65" 4K display on standard tilt mount
 - Equipment rack
 - End user system training
- Upgrade to dedicated Microsoft Teams or Zoom Room with custom intuitive touchscreen control (+\$3,400)



Large Conference Room (est. \$32,500)

- For large conference or board rooms requiring audio, conferencing camera & display with:
 - Custom programmed touch panel for system control
 - Ceiling microphones and speakers
 - Audio digital signal processor
 - Switching matrix for audio and video
 - Wireless and wired presentation capabilities
 - 75" 4K display on standard tilt mount
 - Equipment rack
 - End user system training
- Upgrade to dedicated Microsoft Teams or Zoom Room (+\$3,400)

Available Options

- Add second display
- Room scheduling panel
- Managed AV services

Assumptions

- Estimate includes design, PM, integration, commissioning, programming and training.
- Located within 25 miles of Hunt Valley, MD
- Integration is in existing construction
- Drywall construction with drop tile ceilings
- Teams or Zoom Rooms provide Teams or Zoom functionality only

Prices subject to change based on equipment availability.

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Interactive Classrooms

University of Maryland Baltimore County (UMBC) – Training Centers

UMBC asked System Source to replace aging overhead projectors with interactive projectors in a newly remodeled training center in Catonsville, MD.

System Source installed 5 Epson BrightLink interactive projectors and 96” interactive projection boards along with customized control panels at each instructor workstation.

Staff members were formally training on the interactive software by System Source personnel.



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for more information

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Design, Build and Integration

Susquehanna Bank – Campus Training Facilities

Susquehanna Bank, a financial services holding company, sought a campus wide Audio-Visual solution for new training facilities in South Central Pennsylvania. Susquehanna consulted with System Source to design and integrate a distributed, multi-room Audio-Visual system.

Working with the facilities team, architects, designers and contractors, System Source designed, integrated and commissioned the 20 room campus including:

- 6 HD displays
- 18 HD projectors
- 18 motorized projection screens
- 2 interactive smart projectors
- 2 mobile video teleconferencing carts
- Distributed media system

A Crestron Digital Media processing system controls a multi-room distributed Audio-Visual system with localized presentation control and system override capability to display a unified message across all rooms.

The campus utilizes the following technologies:

- Digital signage (scheduling & advertising)
- Crestron digital media and distributed Audio-Visual switching
- Video teleconferencing
- Dual display auditorium projectors with speech reinforcement
- Split / combine audio-video in large modular rooms



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Huddle Rooms, Team Rooms and Collaboration Spaces

Kennedy Krieger Institute Telemedicine Collaboration Room

Kennedy Krieger developed a private telemedicine suite for consulting with health providers worldwide.

System Source designed, integrated and commissioned a secure, telemedicine suite with the following technologies:

- Special lighting
- Two HD displays
- HD Video teleconferencing camera
- Speech reinforcement microphone
- Extron control system
- Session recording using Adobe Connect



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Training Room with Streaming

FutureCare

FutureCare asked System Source to design and integrate an Audio-Visual system to stream training to 8 remote locations simultaneously. Streaming reduces travel expense and makes training convenient.

The system included an Epson laser projector, automated drop projection screen, ceiling microphone and large ceiling mounted monitors so local students can see and hear clearly. A wireless touch panel control system was installed so instructors can setup training sessions quickly. Also installed were in-room HD pan/tilt/zoom camera, Audio-Visual recording and streaming for remote students or replay. VoIP was integrated into the system for audio conferencing.

System training and ongoing proactive maintenance were included.



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Distance Learning & Collaboration

Morgan State University

Morgan State University is a Carnegie-classified doctoral research institution providing instruction to a multi-ethnic, multiracial, multinational student body and offering more than 125 academic programs leading to degrees from the baccalaureate to the doctorate. As Maryland's Preeminent Public Urban Research University, Morgan fulfills its mission to address the needs and challenges of the modern urban environment through intense community-level study and pioneering solutions.

80 Morgan State classrooms were outfitted with audio-visual technology for hybrid and distance learning.

Each classroom was outfitted with:

- Crestron control system & custom programming
- Ceiling microphones
- P/T/Z camera
- Ceiling document camera
- Confidence monitor
- Interactive display
- Custom podium

Additional campus spaces were outfitted with unified communications & collaboration equipment to facilitate virtual meetings.

These spaces were outfitted with the following:

- Crestron Flex Systems
- 70" displays
- Wall mounted control



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INDUSTRY PARTNERS

