The image is a vertical split photograph of a Gothic-style university building. The left side shows a close-up of the stone facade with a large Gothic window and a gable with a stone lion finial. The right side shows a wider view of the building with a large, leafy tree in the foreground and several people walking on a green lawn. The sky is a clear, bright blue.

Education Solutions





The Crestron Platform 1

Simple System Setup 2

Crestron Fusion® 4

Classroom Breakout 6

Lecture 8

Distance Learning 10

Extended Classrooms 12

Multi-Purpose Spaces 14

Active Learning 16

Conference Room 18

Digital Signage 20

A+ Education Partner Program 22

Introduction

Dynamic learning environments keep teachers and students focused on learning.

Education teaching methods have evolved from traditional in-class lecturing to active in-class collaboration, driving institutions, educators and administrators to move away from chalkboards and overhead projectors to fully interactive learning spaces.

This new method of learning thrives in a learning space that is interactive and dynamic, a space that encourages creativity and interaction while also developing the skills of understanding, thinking, and problem solving.

Crestron is at the center of standardizing and transforming classrooms around the world, spanning entire buildings to entire campuses.

Our broad offering of education solutions allow schools to:

- Easily connect students and professors so they can share content and ideas – both in-class and by distance learning
- Configure learning spaces within minutes and easily deploy them across the building or the entire campus
- Centrally monitor and manage technology health and usage to maximize uptime
- Collect real-time and historical device and room usage data to identify trends that drive strategic management decisions
- Deploy flexible learning spaces that allow instructors to use technology to teach from anywhere in the room



The Crestron Platform

End-to-end solution that makes technology work the way you work, so everything flows smoothly and your campuses perform at an optimum high-level.

Crestron technology is simple to deploy, manage and use, offering functionality including:

- Streaming and distribution of content across spaces and campus
- Lecture capture for distance learning
- Unified communications and collaboration
- Building management and control



.AV Framework™

Built-in technology that provides a simple method to quickly configure AV control solutions. From plug-and-play functionality to adding compatible Crestron and 3rd party devices for further intuitive functionality, .AV Framework delivers scalability and user consistency.



Crestron Studio®

For more flexibility and to go beyond basic functionality, Crestron Studio makes it simple to configure systems and create stunning, intuitive graphical user interfaces – without having to write a single line of code.



Crestron DigitalMedia™

Scalable, reliable, secure hardware platform upon which the Crestron experience is built. DigitalMedia delivers the highest quality wireless, 2K, 4K, streaming and network audio/video, and can be monitored and managed on the network.



3-Series Control System®

Unify the various technologies within spaces to operate as a single intelligent system, from a single room to entire buildings. Control spaces in the room or over the Internet.



Crestron Fusion

Crestron Fusion monitoring and management software adds a highly valuable layer of intelligence to your campus technology platform via four powerful tools: Network Room Scheduling, Remote Help Desk, Global Device Monitoring, and Data Collection and Reporting.



Simple System Setup

Deploy powerful presentation systems with no programming needed

Works out of the box

With built-in Crestron .AV Framework technology, right out of the box you get:

- Plug-and-play connectivity with Crestron Connect It™ cable caddies
- Auto-switching
- Automatic display on/off



Web based configuration and deployment

The .AV Framework setup and management tool allows you to easily:

- Select sources and displays
- Add Crestron components:
 - Touch screens
 - Configurable button panels
 - Occupancy sensors
- Integrate with Crestron Fusion management software

No programming or laptop needed, it's all done for you.

Deploy to multiple rooms

Couldn't be easier. Just save your configuration to a standard XML file. Then push it out to hundreds, even thousands of rooms at once, over the network.

Consistent user experience in every room

.AV Framework automatically generates a simple and consistent GUI, so every room works the same and anyone can easily use it.

Crestron Fusion

Students, professors, and school staff should be able to completely focus on learning, not on getting technology to work. Crestron Fusion provides the tools and data you need to make that a reality. With Crestron Fusion, you can manage and resolve AV issues in every classroom in the building, on the campus, and throughout the system, all from a single web-based interface.

Before Class Begins

- Create smart classrooms that are "learning ready." Students and faculty arrive to a welcome message on the room display so they know they're in the right place, at the right time. Simply enter the room and instantly present and share content – no confusion, no delays
- Monitor every AV device connected to Crestron Fusion. Alert local support staff to possible issues so they can resolve them before class starts, minimizing disruptions and maximizing learning time
- Record lectures and automatically push the video to a server for processing, so you can quickly review, edit, store, and access content for streaming



Sample Crestron Fusion ROI Report

During Class

- Direct connection from the touch screen in the classroom to support staff enables professors to instantly alert them to issues at the touch of a button
- Remotely diagnose issues via webcam, take control of the technology in the room to resolve user errors, reset room controls, turn on video conferencing, or change device settings – all without dispatching staff to the room
- In the event a problem arises outside the classroom, instantly send an emergency message to any display, touch screen, or scheduling panel, to provide critical information to students and faculty

After Class Ends

- Reset the room for the next class, allowing the instructor to always start from the beginning without deciphering the room state from the previous class
- Enable teams to understand how spaces and technology are being used. Standard reports provided by Crestron Fusion include: System Usage, Display Usage, Device Usage, Occupancy, Room Inventory, and Asset Inventory
- Get the insights you need to better allocate your IT budgets. Crestron Fusion can aggregate usage data from your calendar system, building management system, AV equipment, video conferencing systems, and more



Crestron Fusion®



Classroom Breakout

Simple group connect and share

Higher learning institutions are investing in more small spaces and making larger spaces adaptable to smaller gatherings. A DM® system offers everything you need to instantly connect laptops and tablets in classrooms or for quick ad hoc meetings.

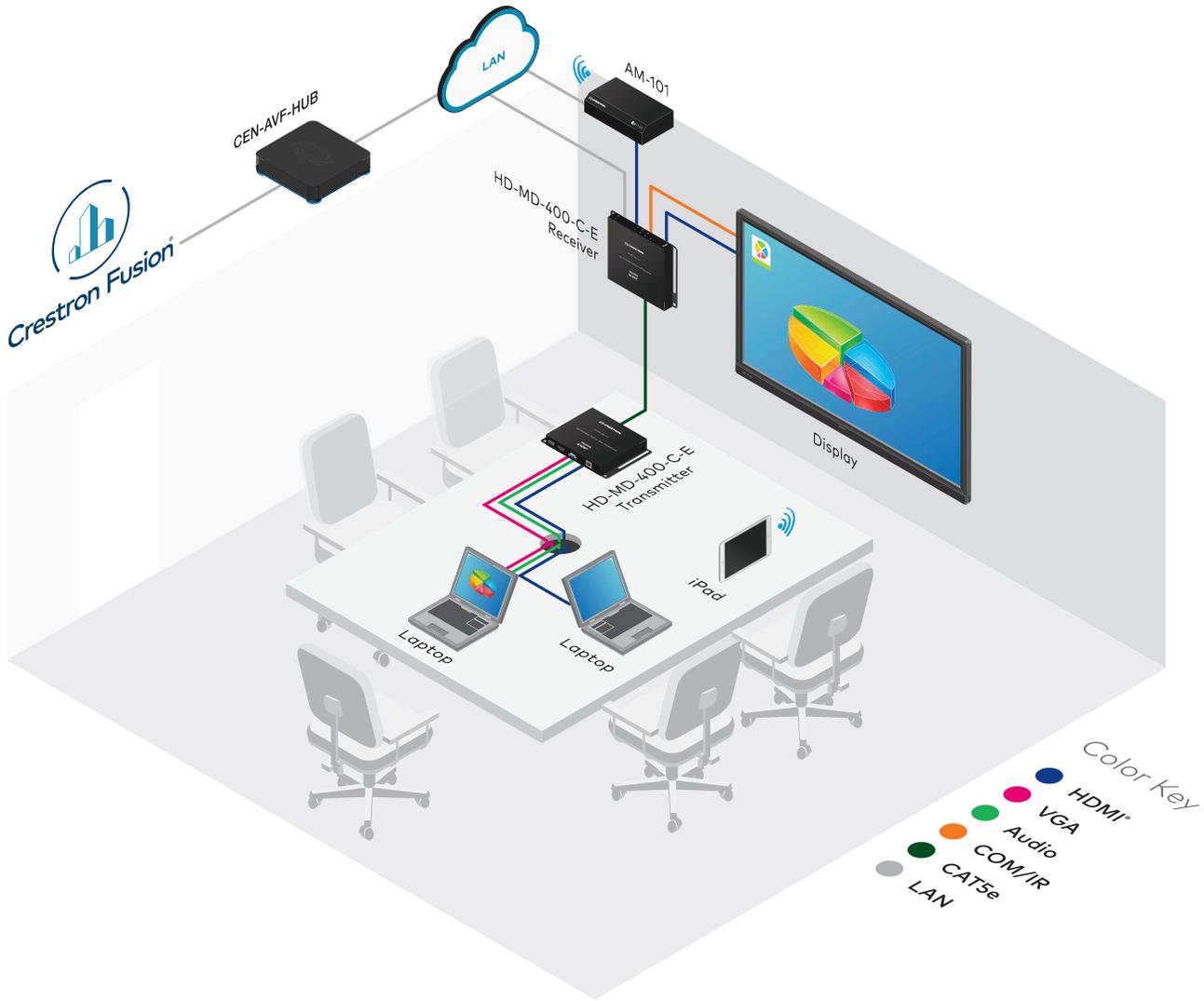
Rooms like...

Lounges, classrooms, and training rooms

Lounges and student centers provide informal drop-in locations for groups of 2 - 6 students to collaborate on projects and presentations and share ideas. These spaces can support simple wired and/or wireless display connections for laptops and mobile devices.

Benefits

- Cost-effective BYOD solution
- No programming required
- Native auto-switch
- Deploy on the network
- Centrally monitor and manage rooms and devices via Crestron Fusion



Key Products

HD scaling auto-switcher and extender	HD-MD-400-C-E
AirMedia® wireless presentation gateway	AM-101

Options

Switchers	HD-MD4X1-4K-E, HD-MD-300-C-E, HD-WP-4K-401-C
Control and connectivity	TT-100, MPC-M10, TPCS-4SMD, TSCW-730
Distribution	DGE-100, DM-DGE-200-C, DM-RMC-100-STR, DM-TXRX-100-STR
Environment	GLS-ODT-CN
Network management	CEN-AVF-HUB, Crestron Fusion



Lecture

Teach, present, and share ideas

Crestron has everything you need to teach, share, and propose ideas from a variety of sources in any room, from huddle spaces and classrooms, to presentation rooms and lecture halls.

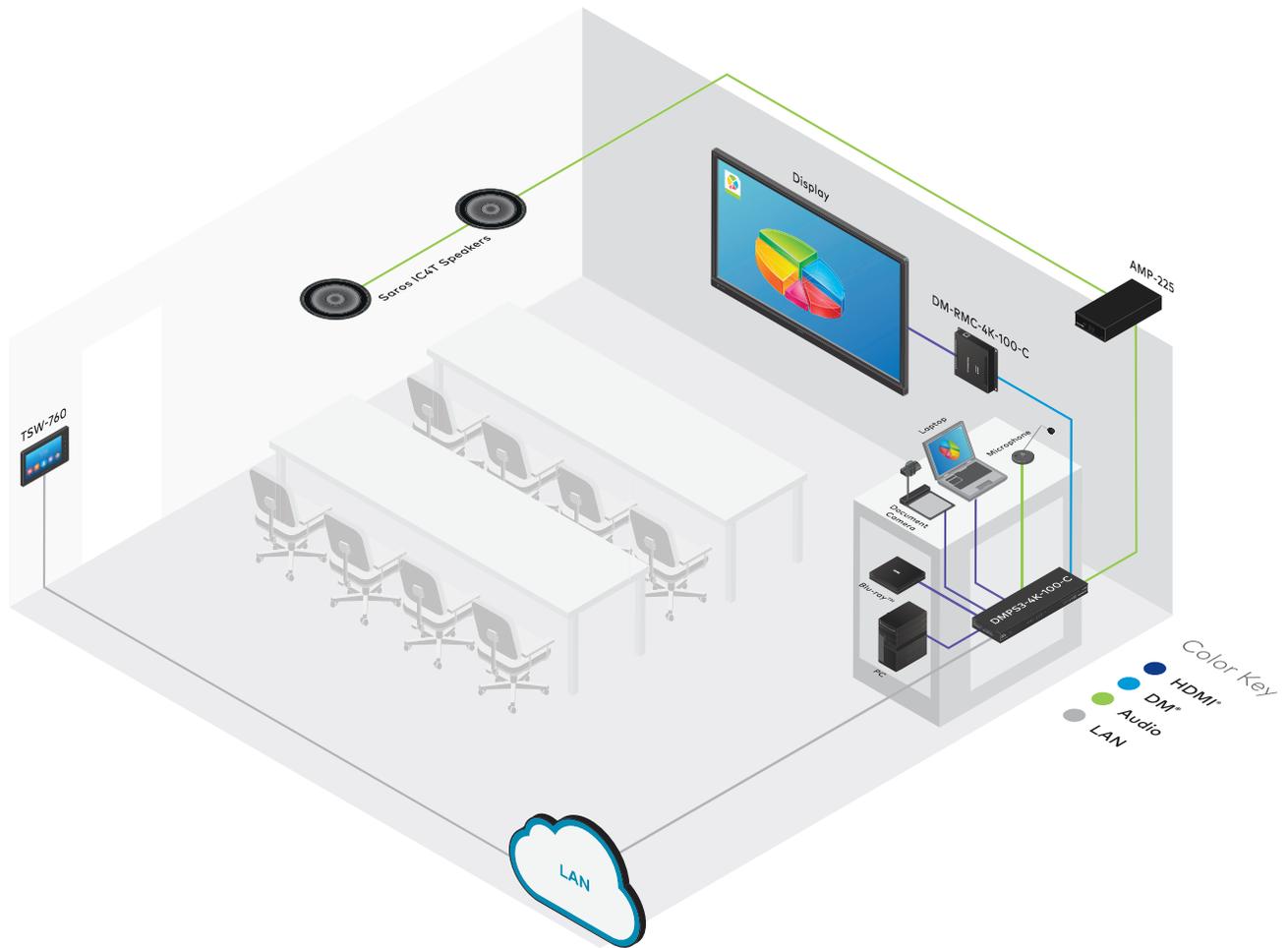
Rooms like...

Lecture halls, training rooms, presentation rooms, and collaboration rooms

Teach, share, collaborate, and present ideas from a variety of wired and wireless sources, including laptops, mobile devices, in-room computers, and cable TV. Features, such as one-touch meeting start and auto source-select, make it simple and intuitive.

Benefits

- Enhanced class participation
- Intuitive one-touch & auto start-up
- Wired & wireless connections for BYOD devices
- .AV Framework & Crestron Studio supported
- Management via Crestron Fusion

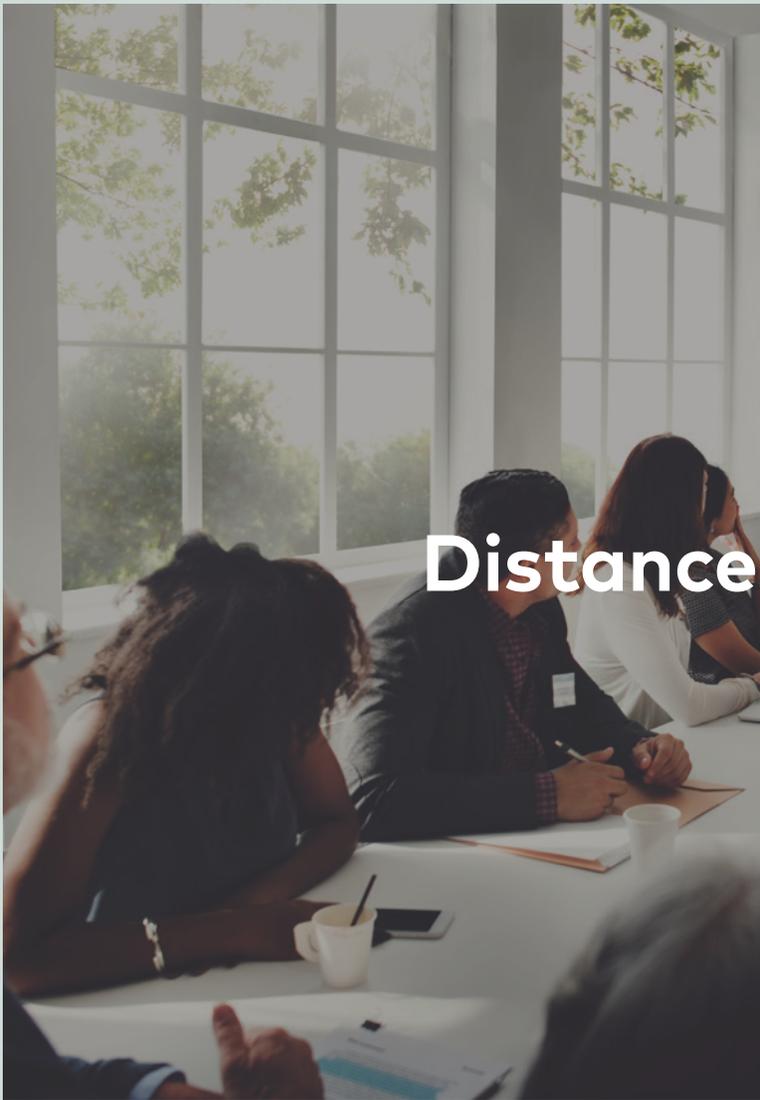


Key Products

3-Series DigitalMedia Presentation System	DMPS3-4K-100-C
4K streaming receiver and room controller	DM-RMC-4K-100-C
Connect It cable caddy	TT-100
AirMedia wireless presentation gateway	AM-101
7 inch touch screen	TSW-760
Media presentation audio amplifier	AMP-225
Saros® 4-inch 2-way in-ceiling speakers	(2) Saros IC4T

Options

Amplifiers	AMP-150, AMP-2100, AMP-1200
Switchers	HD-MD8X1-4K, DM-MD8X1-4K-C, DMPS3-4K-150-C, DMPS3-4K-50
Control and connectivity	FT-600, MP-B10, TSW-1060
Distribution	DGE-100, DM-DGE-200-C, DM-RMC-100-STR, DM-TXRX-100-STR
Environment	GLS-ODT-CN
Network management	Crestron Fusion



Distance Learning

Enable dynamic learning

Enable students and instructors to collaborate regardless of location. Whether using Crestron RL², Skype[®] for Business, Google[®] Chromebox™, or Polycom[®] on the backend, Crestron facilitates dynamic, real-time communication among local and remote participants in VTC rooms, learning labs, and EOCs.



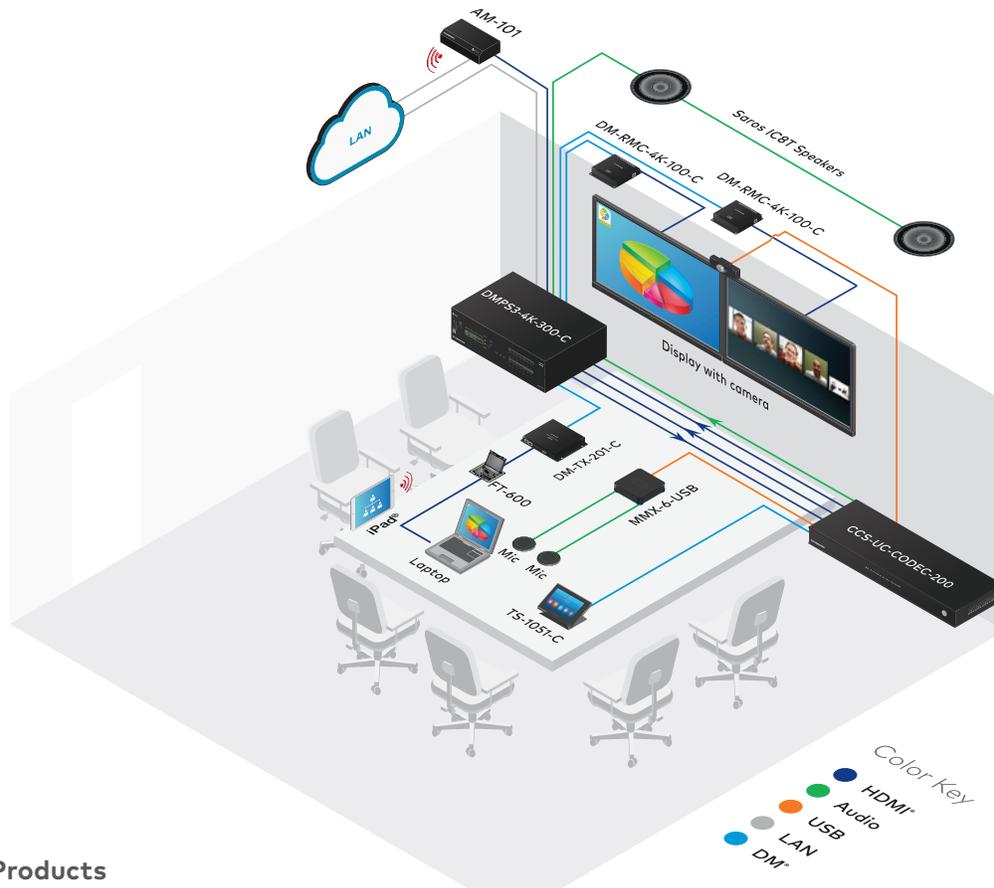
Rooms like...

Learning labs, group study rooms, and collaborative classrooms

Video conference rooms provide local and remote participants with a very rich audio and video experience, so they can share ideas and collaborate without geographic limitations. These rooms feature one or two high-definition video displays, easy one-touch meeting start, and room calendar on the touch screen controller.

Benefits

- Simple .AV Framework setup and UX
- One-touch Microsoft[®] Skype for Business video or audio conferencing and presentations
- Dual screen solution for comparing & analysis
- Integrated room control of AV, lights, shades, and thermostats
- Network room scheduling and Crestron Fusion monitoring



Key Products

3-Series DigitalMedia Presentation System 300	DMPS3-4K-300-C
DigitalMedia transmitter	DM-TX-201-C
HD streaming receiver and room controller	DM-RMC-4K-100-C
AirMedia wireless presentation gateway	AM-101
Crestron FlipTop™ basic	FT-600
10 inch touch screen	TS-1051-C
Crestron RL 2 codec	CCS-UC-CODEC-200
6 channel USB microphone mixer	MMX-6-USB
Saros 8 inch 2-way in-ceiling speakers	(2) Saros IC8T

Options

Switcher	DMPS3-4K-200-C
Control and connectivity	TT-100, DM-TX-4K-302-C, DM-TX-4K-100-C-1G, DM-RMC-4K-SCALER, MP-B10, TSW-760, TSW-1060
Wireless and distribution	DGE-100, DM-DGE-200-C, DM-RMC-100-STR, DM-TXRX-100-STR
Unified communications and collaboration	Crestron RL® 2 system
Environment	GLS-ODT-CN
Network monitoring	Crestron Fusion



Extended Classrooms

Share content anywhere, anytime

Increasingly, the classroom is moving to the residence hall, library, local coffee shop, or anywhere else students are able to connect to the Internet.

Crestron distance learning solutions enable content sharing to enhance instructor-student communication. Content can also be distributed to digital signage campus-wide to enhance student awareness.

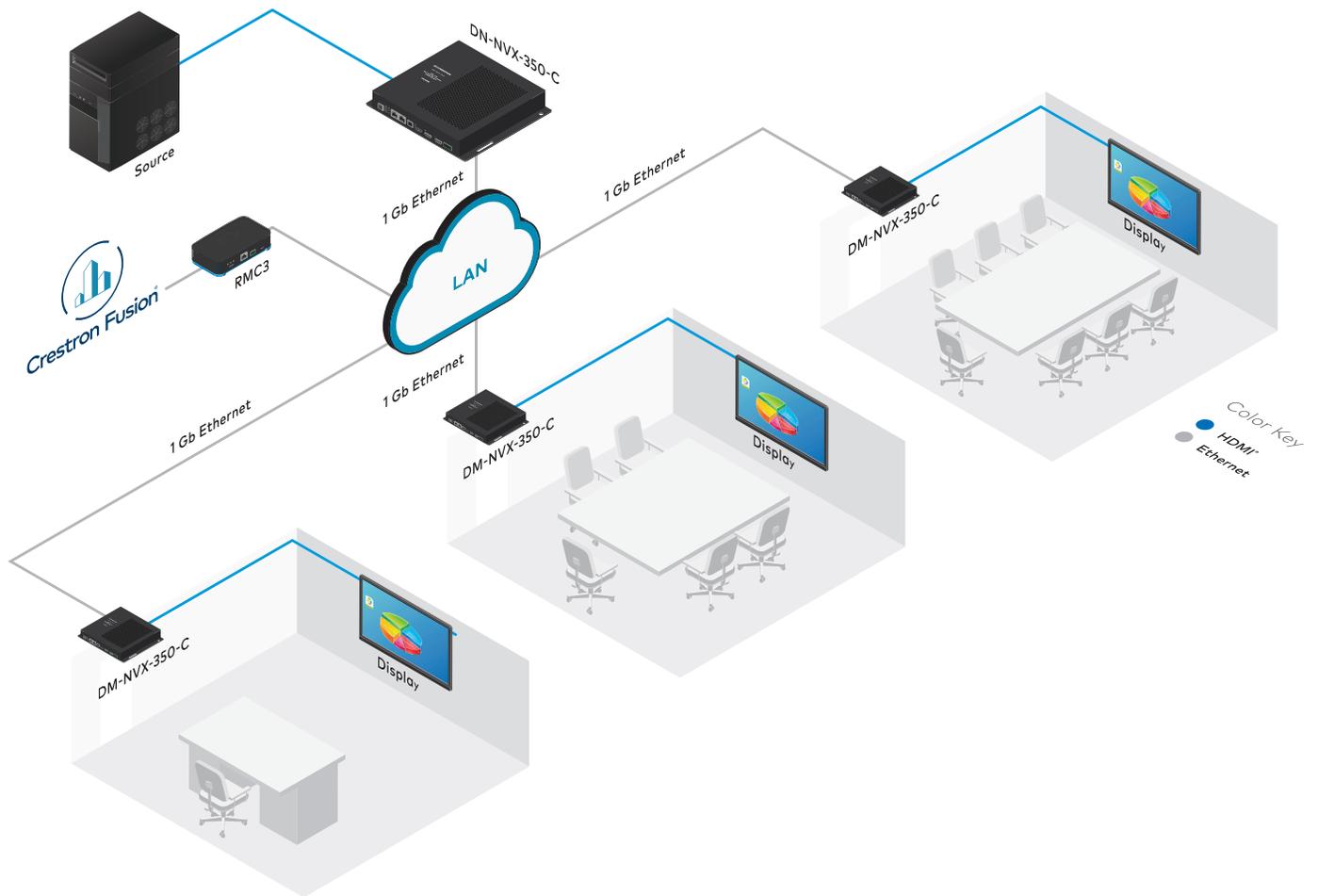
Rooms like...

Extended classrooms, student lounges and common spaces

Distribute network video across campus using standard 1 Gb Ethernet infrastructure. Transmit 4K60 4:4:4 video without any latency. Infinitely flexible and scalable, simply add an encoder/decoder box where ever you want to add a source or display. Cloud provisioning and network security make this the ideal solution for campus-wide deployment and management.

Benefits

- Perfect for extended classrooms, overflow rooms, interactive classrooms, student lounges and other common spaces
- Best image quality over 1 Gb Ethernet
- No latency
- Infinitely scalable
- Secure
- Cloud setup and management



Key Products

Network AV encoder/decoder	DM-NVX-350
3-Series Control System	RMC3

Options

Distribution	DGE-100, DM-DGE-200-C
HD streaming transmitter/receiver	DM-TXRX-100-STR
HD streaming receiver and room controller	DM-RMC-100-STR
Switcher	DMPS3-4K-150-C
Touch screen	TSW-760, TSW-1060
Environment	GLS-ODT-CN
Network management	Crestron Fusion



Multi-Purpose Spaces

Flexibility for any space

Crestron takes the complexity out of common areas and spaces used for a variety of purposes. DM NVX solutions can be configured, deployed, and managed entirely from the web. Simply choose your sources and displays, and set bandwidth and latency to meet the needs of the application and infrastructure.

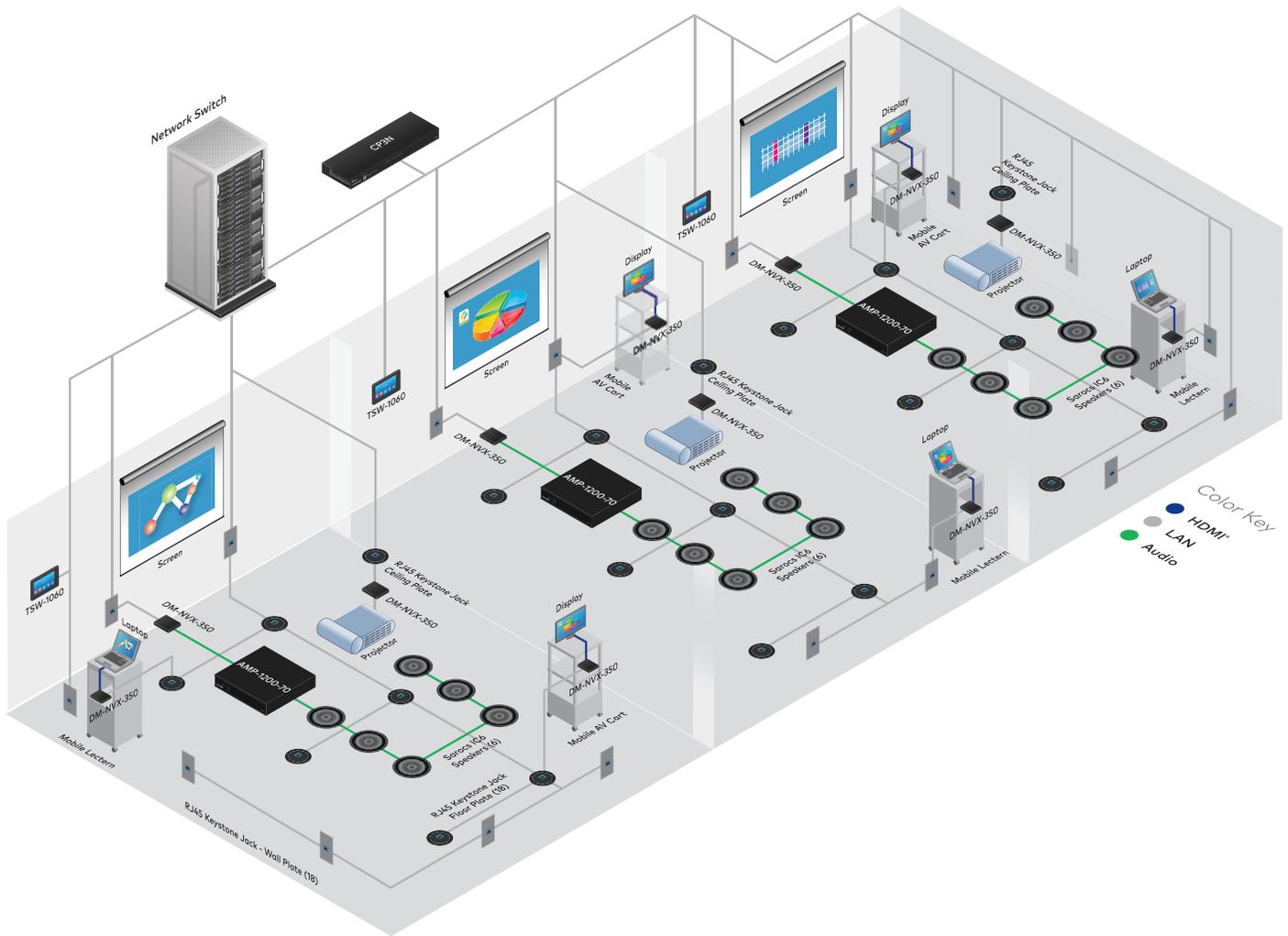
Rooms like...

Lounges, lobbies, cafeterias, divisible spaces, common areas

To distribute the very best video quality campus-wide and to dynamic, ever-changing spaces, our new DM NVX network video encoder/decoders are totally secure to protect your proprietary content, and leverage standard 1 GB infrastructure to give you unparalleled flexibility.

Benefits

- Design flexibility
- Affordable, flexible scalability
- Combination of fixed and mobile end points
- Best video quality (4K60, 4:4:4, HDR)
- No latency
- Supports standard network security protocols



Key Products

DigitalMedia™ NVX Encoder/Decoder	DM-NVX-350
3-Series Control System	CP3N
10 inch touch screen	TSW-1060
Single-Channel Modular Power Amplifiers, 70V	AMP-1200-7D
Saros 6-inch 2-way in-ceiling speakers	Saros IC6T



Active Learning

Enhance classroom interaction

In the active learning classroom, lecture is typically replaced by outside-the-class content delivery and inside-the-class collaborative activities among students and instructors. Hands-on, social, problem-based, and student-owned educational experiences lead to deeper learning.

Rooms like...

Learning rooms, learning labs, interactive classrooms, and team building rooms

Share content wirelessly from a tablet, smartphone, or laptop. Get zero-latency uncompressed 4K60 video on multiple displays. Process 4K60 video to create video walls composed of up to 64 individual displays. Stream high performance H.264 video over the LAN or WAN.

Benefits

- Dynamic, real-time collaboration
- Simple one-touch content sharing between students and teachers
- Integrated room control: AV, lights, shades, and thermostats
- Monitoring via Crestron Fusion



Key Products

16X16 DigitalMedia switcher	DM-MD16X16
4K Auto Multi-Window Processor	HD-WP-4K-401-C
4K DigitalMedia receiver and room controller	DM-RMC-4K-SCALER-C
AirMedia wireless presentation gateway	AM-101
Crestron Connect It™ Cable Caddy	TT-100
3-Series Control System	CP3N
10 inch touch screen	TSW-1060

Options

Switchers	DM-MD8X8, DM-MD32X32, DM-MD64X64, DM-MD128X128
Control and connectivity	FT-TSC600, FT-600, DM-TX-4K-202-C, AV3, DM-TX-4K-302-C, PRO3, DM-RMC-4K-100-C, TSW-760, TS-1542, TSD-2220
Audio	AMP-3210T, SAROS IC8T, MMX-6-USB
Distribution	DGE-100, DM-DGE-200-C, DM-RMC-100-STR, DM-TXRX-100-STR
Unified communications and collaboration	Crestron RL 2 system
Environment	GLS-ODT-CN
Network monitoring	Crestron Fusion



Conference Room

Meetings made easy

Professors, students, and administrators need AV technology that doesn't require an advanced degree to operate. Crestron Mercury™ provides an all-in-one solution that makes it easy to manage and schedule rooms, and to call, present, and collaborate in any space. For larger spaces, simply add our plug-and-play mic pods or HDMI/USB extender.

Rooms like...

Boardrooms, conference rooms, and huddle spaces

Priced to meet tight budgets and designed to minimize installation time per room, Mercury connects securely to the network for cloud-based provisioning and management. Mercury is easy to deploy, easy to use, and easy to manage in every space across a campus of any size.

Benefits:

- BYOD presentation via AirMedia or HDMI® connectivity
- Calling via BlueTooth® and SIP
- Collaboration via Skype for Business, Cisco WebEx®, GoToMeeting®, Slack® or any other UC application
- Precision-engineered mics (360°) and speakers deliver unparalleled audio experience for all participants
- Cloud-based provisioning and management
- Supports standard network security protocols



Key Product

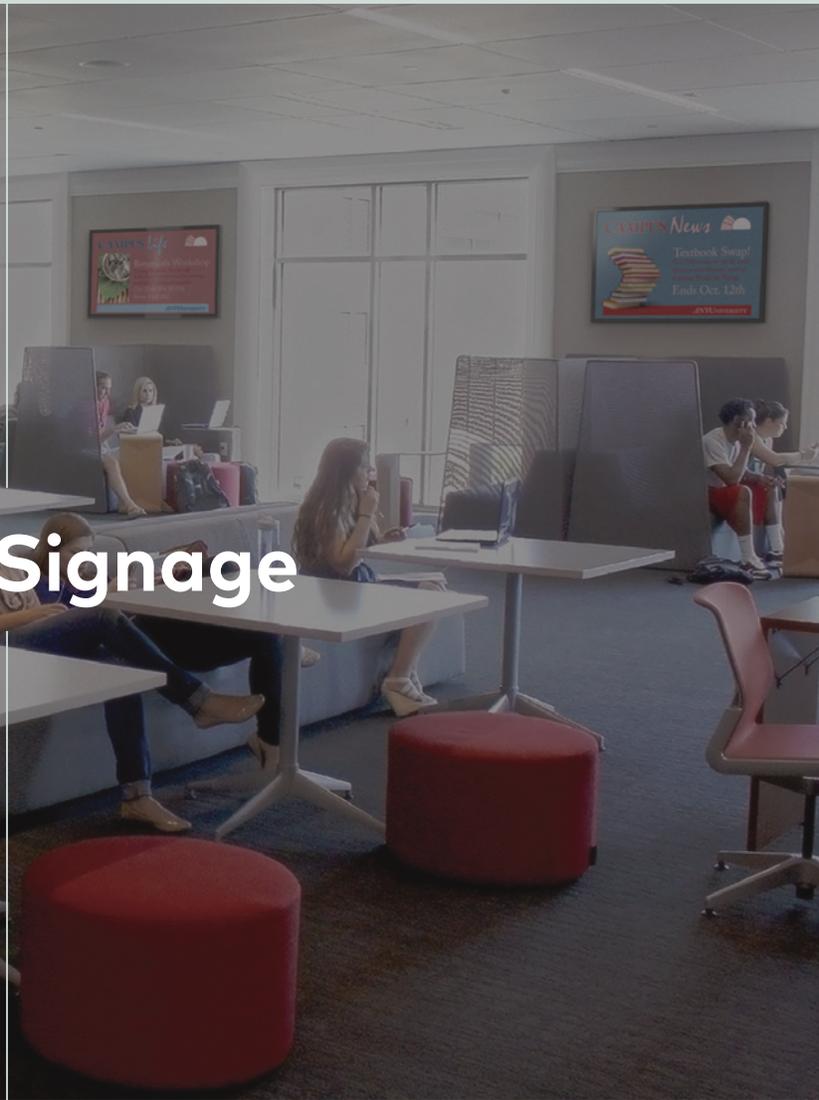
Crestron Mercury	CCS-UC-1
------------------	----------

Options

Mercury Extension Microphone Pod	CCS-UCA-MIC
Mercury Multihead HD Video Cable	CBL-MULTI-HD-6
4K HDMI & USB over HDBaseT® Extender	HD-EXT-USB-2000-C
5-Port PoE Switch	CEN-SW-POE-5
Logitech® Webcam C930e	CCS-CAM-USB-F-100



Digital Signage



Communication across campus

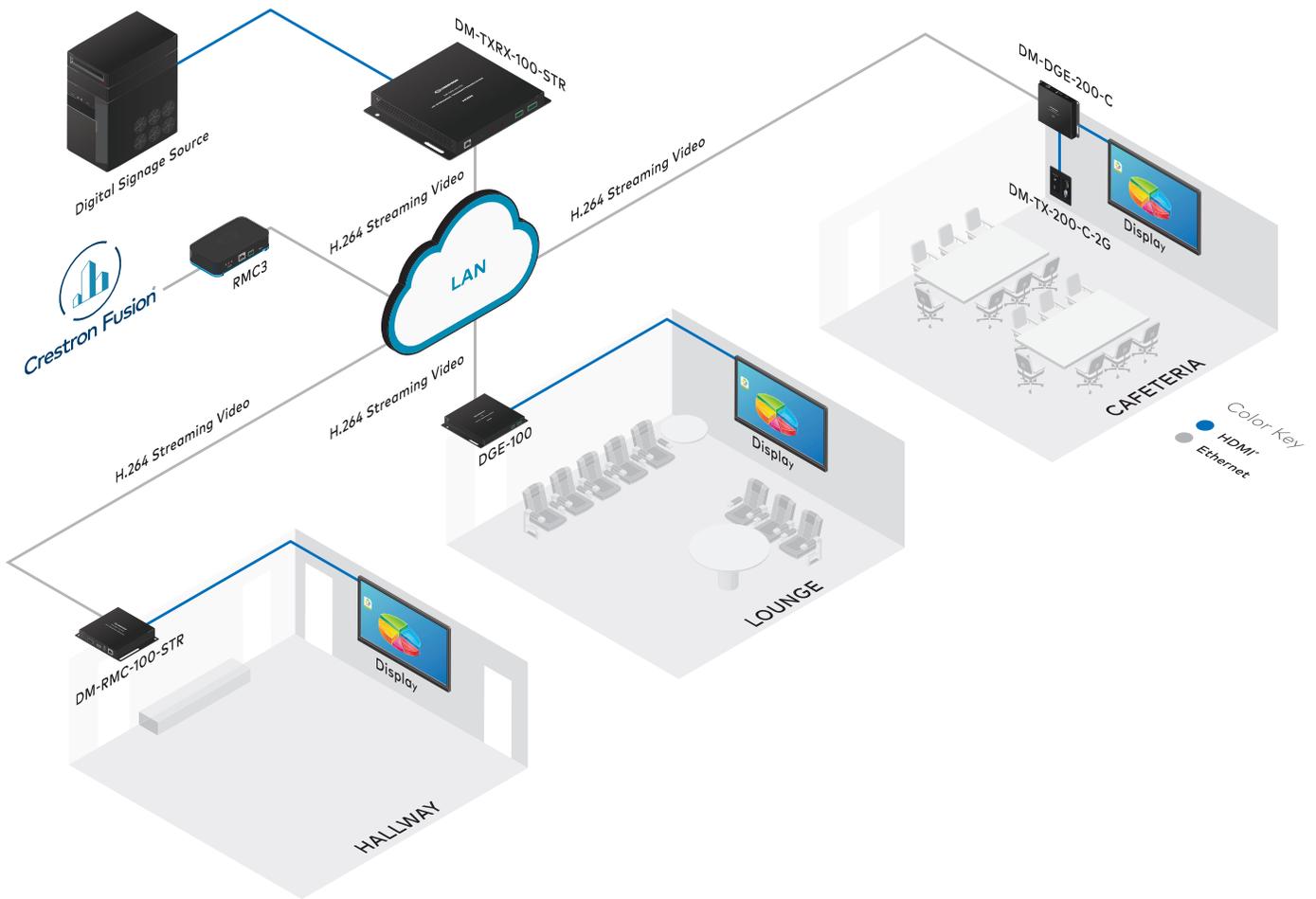
Broadcast messages, such as campus events, academic and athletic schedules, club meetings, menus or weather warnings across campus, or target specific buildings or floors. Extend your technology investment by also using the signage displays for ad hoc meetings and collaboration. Simply connect laptops and mobile devices to share content, then automatically revert to signage after disconnecting.

Rooms like...

Lounges, lobbies, cafeterias, hallways, and common spaces

Benefits:

- Perfect for streaming digital signage across campus
- High quality, low bandwidth video
- Leverages existing network infrastructure
- Use signage displays for ad hoc meetings and collaboration
- Broadcast messaging with Crestron Fusion to selected or all displays



Key Products

HD Streaming transmitter and receiver	DM-TXR-100-STR
HD Streaming receiver	DM-RMC-100-STR
Streaming and HDMI video receiver	DGE-100
Streaming, DM, and HDMI video receiver	DM-DGE-200-C
DM wall plate transmitter	DM-TX-200-C-2G

Options

Network AV encoder/decoder	DM-NVX-350
Network management	Crestron Fusion

A+ Education Partner Program

We established the Crestron A+ Partnership Program to support the needs of the academic community. Crestron works closely with colleges and universities to facilitate learning using the latest classroom technology.

Dedicated Crestron Representative

A+ Education Partners receive a dedicated Crestron Education Regional Sales Manager (RSM). These specialized RSMs work hand-in-hand with A+ Partners from start to finish to ensure the right solutions for all educational needs.

Partner Pricing and Rewards Program

Qualified colleges, universities and K-12 schools can join the Crestron A+ Partner program to receive preferred pricing, extended warranties and free training. We make it easy to submit budgets, purchase equipment and implement the classroom technology you need. In addition, Crestron A+ Partners can earn substantial rewards points redeemable for free products and services.

Free Travel for Training

You can earn free travel credits for every Crestron system installed. Each credit entitles you to paid travel expenses to attend the training class of your choice at the Crestron Technical Institute in New Jersey. For every room with Crestron systems installed at your school, you can earn more free travel credits: More rooms, more credits, more free travel and training!

Passport to 24/7/365

True Blue Support

Crestron True Blue Customer Support includes 24/7/365 emergency technical assistance and a reach that spans the globe. Wherever Crestron products are sold, our True Blue team is there to support them from any of our offices around the world. For round-the-clock technical and customer support, call 888-CRESTRON (273-7876) to speak to a True Blue representative.

Access to the Crestron Technical Institute (CTI)

An investment in education is the best preparation for the technological innovations ahead. At Crestron, the renowned CTI curriculum is the best way we can ensure that every A+ Partner gets the most out of our technology.

Technical Design Assistance

Crestron Sales Support Services department has the unique capability of providing both an economical and versatile solution based upon specific application needs. The Sales Support Services team offers complete control solutions that empower our A+ Partners to operate a broad range of electronic devices - all as a single, integrated system. To speak with a Sales Support Services representative, call 800.237.2041.



Extended Standard Warranty

A+ Partners receive extended standard warranty on parts and labor from three years to five years.

Access to crestron.com

A+ Partners receive privileged access to valuable resources and tools:

- Project portal
- Pricing
- Crestron software and firmware
- Example programs
- Online Chat with Crestron support and specialists

We go above and beyond delivering high-performance, ultra-reliable technology for today's connected classroom. With more than 90 fully staffed offices around the globe, we provide you with unparalleled service and support to ensure that your Crestron solutions continue to work flawlessly.

World Headquarters

15 Volvo Drive
Rockleigh, NJ 07647
800.237.2041
201.767.3400

Crestron Canada

10 Carlson Ct.
Suite 800
Mississauga, Ontario M9W 6L2
Canada
877.732.7378

Crestron Florida

1060 Maitland Center Commons
Suite 150
Maitland, Florida 32751
866.273.7876

Crestron Las Vegas

3763 Howard Hughes Parkway
Suite 100
Las Vegas, Nevada 89169
866.634.0903

Crestron Phoenix

4050 E. Cotton Center Blvd
Suite 77
Phoenix, Arizona 85040
866.278.0676

Crestron West – Southern California

5660 Katella Avenue
Suite 150
Cypress, California 90630
800.827.2188

Crestron Mid-Atlantic

8161 Maple Lawn Boulevard, STE 100
Maple Lawn Office III
Fulton, MD 20759
866.537.6298

Crestron Midwest

Parkway Corporate Place
935 National Parkway
Suite 93570
Schaumburg, Illinois 60173
800.949.3465

Crestron Mountain States

5995 Greenwood Plaza Blvd
Suite 190
Greenwood Village, Colorado 80111
866.947.6443

Crestron Northwest

3950 Civic Center Dr
Suite 110
San Rafael, California 94903
866.634.0904

Crestron South

11660 Alpharetta Highway
Suite 740
Roswell, Georgia 30076
877.339.0060

Crestron Southwest

1200 Lakeside Parkway
Suite 250
Flower Mound, Texas 75028
866.999.1300

