

Experience
the Crestron
Internet of Things



Deploy

From Out of The Box functionality to complex AV/IT ecosystems, deploying Crestron's .AV Framework and Crestron Pyng technology with DM 3.0 provides a simple, scalable solution for any infrastructure



Manage

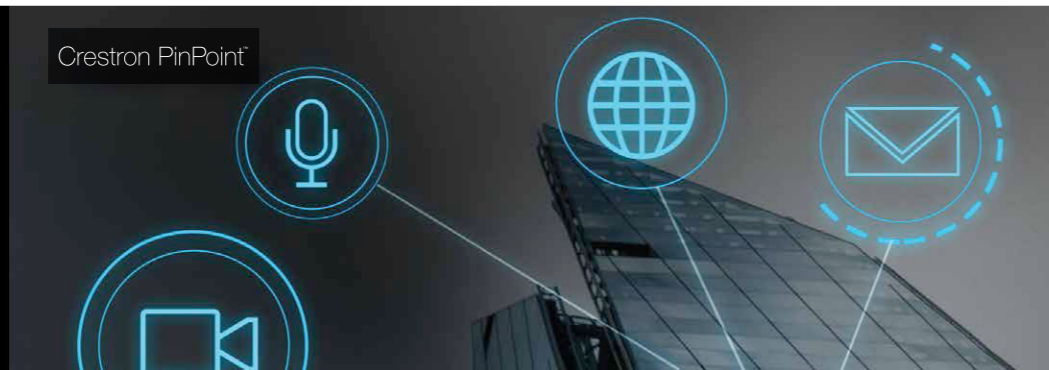
Manage and control any single property or a whole estate, locally or remotely. Crestron Fusion Cloud and myCrestron gives you total control of your environment



Experience

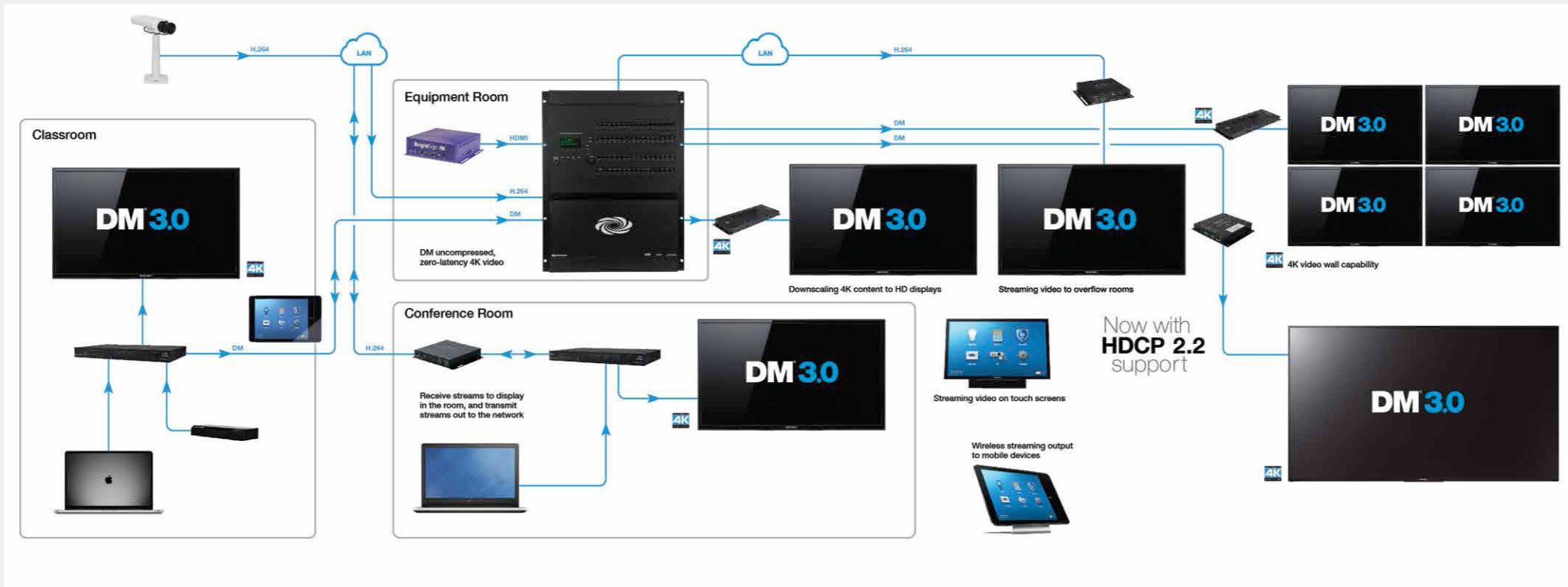
Give stakeholders a better experience. Crestron PinPoint and Pyng technology lets you adapt your environment to your requirements

2 | CRESTRON



The ONLY 4K/60 and HDCP 2.2 solution

- Integrated streaming I/O
- Wireless input for cross-platform BYOD
- 4K/60 inputs including HDCP 2.2 support
- Preview sources on touch screen
- Video wall capability built-in
- Scale outputs to and from 4K/60
- HDBaseT certification – connect directly to displays
- Wireless streaming output for BYOD
- Distribute multi-channel and stereo audio simultaneously
- Leverage the cloud to stream worldwide



Crestron Fusion Cloud and PinPoint

Keep people
focused on
work, not
technology



INTRODUCING THE 7 PILLARS OF CRESTRON FUSION



Global Device
Management



Dynamic
Scheduling



Centralised
Help Desk



Broadcast
Messaging



Asset & Space
Utilisation



User Experience
& Automation



Smart Building
Integration

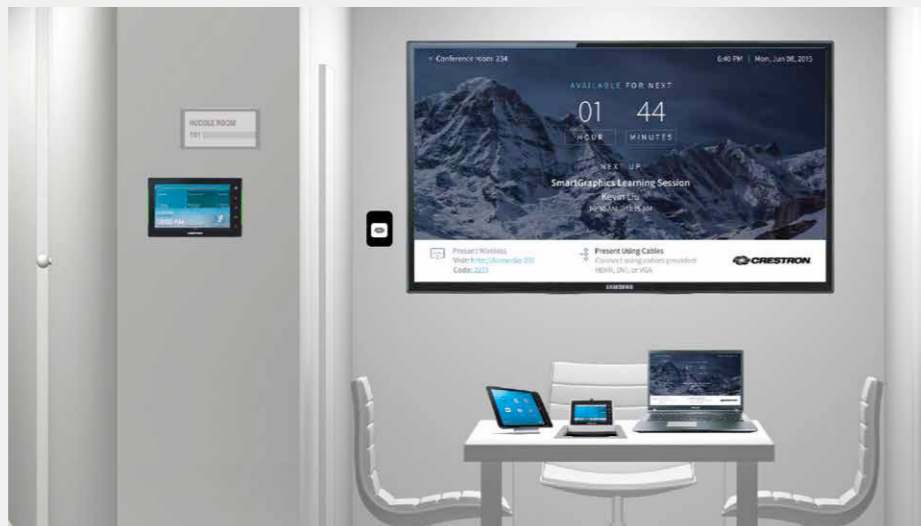
PinPoint benefits the entire employee workforce simplifying workflows and routines by using their mobile devices, meaning productivity increases. The benefits of Crestron Fusion Cloud are predominantly aimed at the senior management, improving efficiency and effectiveness which ultimately leads to cost saving.



Global Device Management
Enables you to proactively monitor and manage your global network of AV devices in a single location.

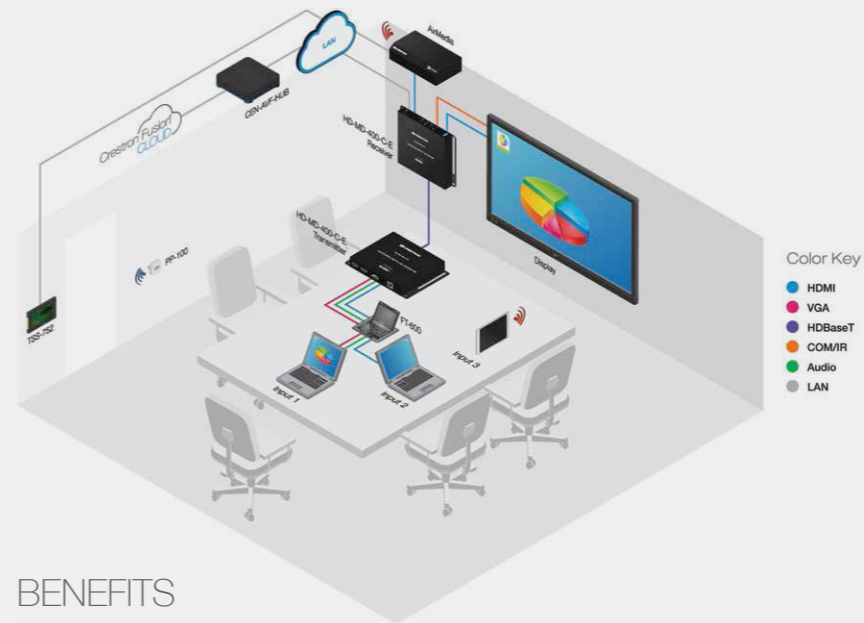
Easy to install, easy to use BYOD Huddle Room

HD Huddle Room



HERO PRODUCT

3x1 HDMI switcher/scaler	HD-MD400-C-E
.AV Framework hub	CEN-AVF-HUB
FlipTop connectivity and cable management	FT-600
AirMedia wireless gateway	AM-100
Room scheduling touch screen	TSS-752
iPad charging docking station	IDOC-PAD-LCA-DSC
PinPoint proximity detection beacon	PP-100



BENEFITS

- Low-cost BYOD Solution
- Out of the box .AV Framework setup
- Simple user experience
- Crestron Fusion Cloud Management (by using the .AV Framework HUB)

FEATURES

Compact form factor fits easily behind flat panels and above projectors

Integrates seamlessly with Crestron Connected displays

Supports up to 32 simultaneous presenter connections

Leverages existing wired and wireless network infrastructure

Compatible with Windows, OS X, Apple iOS, and Android

PinPoint App provides list of all rooms in the system as well as provision of Power On/Off commands to Crestron connected displays

Wireless presentation of HD content using laptops, tablets, and smartphones

Displays up to four presentation sources at once in Quad view

Remote View allows viewing and saving of presentation images through a web browser



Dynamic Scheduling

The ability to proactively monitor and manage devices helping you avoid costly downtime by giving critical support quickly.

4K Huddle Room using the display as “Digital Signage” for productivity

4K Huddle Room



HERO PRODUCT

Three-input 4K DM transmitter	DM-TX-4K-302-C
Multi-format video processor and digital graphics engine	DM-DGE-200-C
PinPoint proximity detection beacon	PP-100
Connect it cable caddy	TT-110
AirMedia wireless gateway	AM-100
Room scheduling touch screen	TSS-752
iPad charging docking station	IDOC-PAD-LCA-DSC



FEATURES

Compatible with Windows, OS X, Apple iOS, and Android

Displays up to four presentation sources at once in Quad View

Integrates seamlessly with Crestron Connected displays

Compact form factor fits easily behind flat panels and above projectors

Wireless presentation of HD content using laptops, tablets, and smartphones

4K compliant - leverages existing wired and wireless network infrastructure

HDBaseT input

H.264 streaming input for network content and room overflow capability

Customised Smart Graphics OSD for scheduling and additional room information

BENEFITS

Out of the box .AV Framework setup

Simple user experience (How-to-connect info onscreen)

Room booking info onscreen, ideal for open concept rooms

Custom welcome screen

Crestron Fusion Cloud management

4K compliant

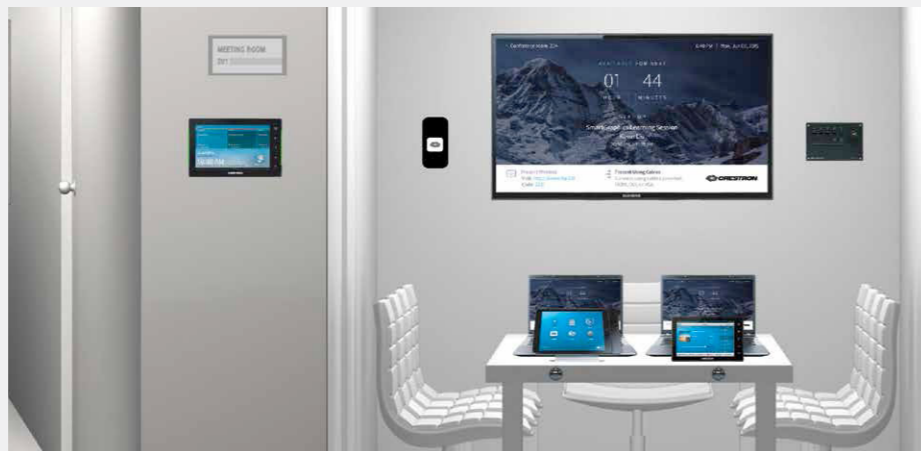


Centralised Help Desk

Along with the Crestron PinPoint personal productivity app, it gives you an elegant solution to the complexity of meeting scheduling.

Easy to install & use – fully scalable & manageable meeting room

Meeting Room



HERO PRODUCT

4K DM 8X1 switcher	DM-MD8X1-4K-C
Connect It cable caddies	(2) TT-110
AirMedia wireless gateway	AM-100
Push button controller	MP-B10
4K DM room box	DM-RMC-4K-100-C
7 inch touch screen	TSW-752
Room scheduling touch screen	TSS-752
PinPoint proximity detection beacon	PP-100
Media Presentation Audio Amplifier	MP-AMP-30
In-Ceiling Speaker	(2) SAROS_IC4T



Color Key

- HDMI
- COM/IR
- VGA
- HDBaseT
- Audio
- Ethernet

FEATURES

Simple one-touch toggling between multiple sources

4K multi-format presentation auto-switcher and scaler with microphone input, audio DSP, and HDBaseT output

Soft-touch capacitive buttons with multi-coloured status indicators

Recessed cable storage compartment

Integrates with DigitalMedia transmitter

QuickSwitch HD technology achieves fast, reliable switching

Embedded DMPS3 .AV Framework software enables customised presentation control without programming

BENEFITS

Out-of-the box .AV Framework set-up

Easily deployable and fully scalable

Simple, consistent user experience

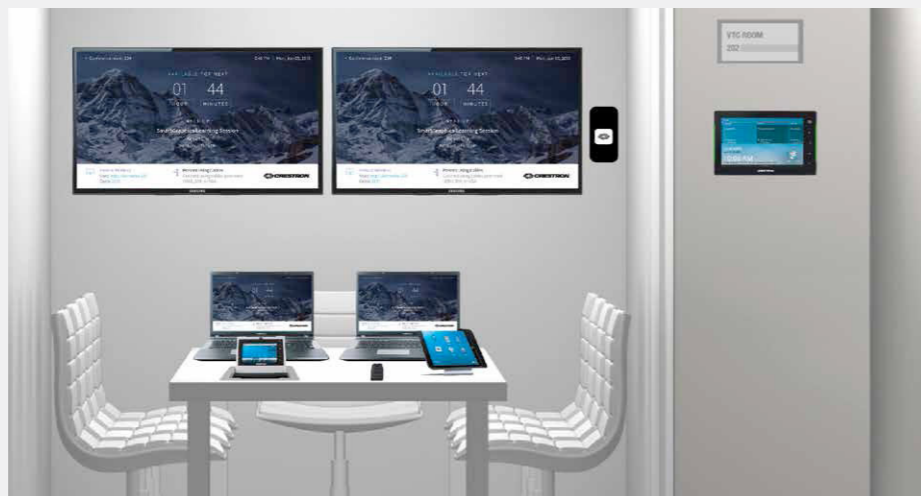
Crestron Fusion Cloud management



User Experience and Automation
Crestron Fusion Cloud gives you the power to improve the day-to-day user experience of employees by anticipating their needs and reducing the confusion and frustrations common to one-off AV systems.

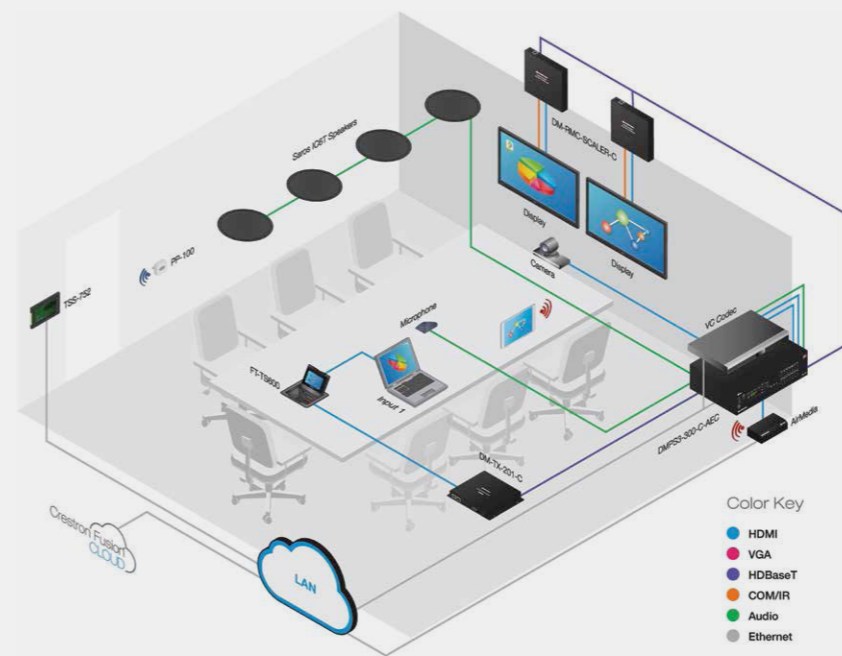
Simple
sophistication –
easy to install,
use, & manage
VTC room

Video Conference Room



HERO PRODUCT

3-Series DM presentation system with acoustic echo cancellation	DMPS3-300-C-AEC
FlipTop connectivity and cable management	FT-TS-600
DigitalMedia transmitter	DM-TX-201-C
DM scaler room box	(2) DM-RMC-SCALER-C
AirMedia wireless gateway	AM-100
7 inch room scheduling touch screen	TSS-752
6.5 inch 2-way in-ceiling speaker	(4) SAROS_IC6T
PinPoint proximity detection beacon	PP-100



FEATURES

- Simple one-touch toggling between multiple sources
- High-Definition multimedia system switcher, mic mixer, audio DSP, amplifier, and control system
- FlipTop features a 5" colour touch screen with Smart Graphics, Rava, and H.264 streaming video
- Integrates with DigitalMedia transmitter
- QuickSwitch HD technology achieves fast, reliable switching
- Can handle multiple displays
- Includes full-bandwidth, fully-adaptive acoustic echo cancellation on each mic input
- Enables full-duplex voice conferencing over SIP

BENEFITS

- Extend .AV Framework with Crestron Studio
- Consistent UX while integrating third party devices
- Easily deployable and fully scalable
- Crestron Fusion Cloud management

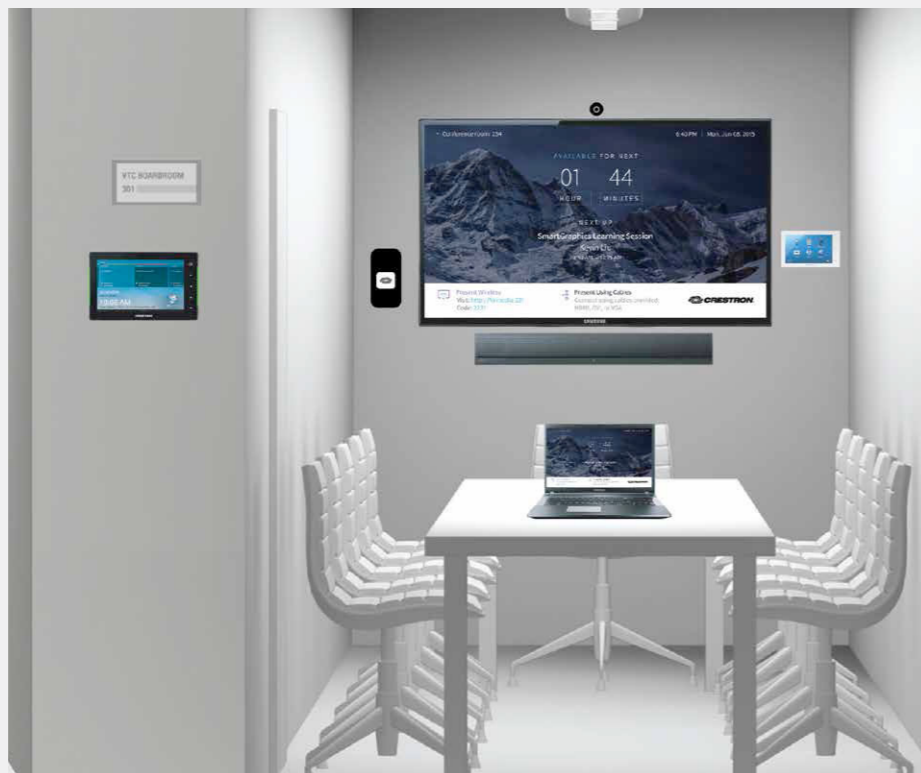


Asset and Space Utilisation

The ability to generate usage and analytic reports on all meeting spaces and all the technology in them.

Unified
communication
& collaboration
with Microsoft
& Google

Google Chromebox VTC Boardroom



PRODUCTS

6 channel USB microphone mixer	MMX-6-USB
7" Touch Screen	TSW-752
3-Series Control System	MC3
16-Port Managed PoE Switch	CEN-SWPOE-5
Sound Bar for Crestron RL2	CCS-SPK-SB-100

FEATURES

Seamlessly launch HD video conference calls, audio calls, and presentations with a single press

Intuitive touch screen controls ensure quick and easy start of meetings

Delivers high-quality audio, HD video, and crisp computer graphics locally or to remote locations

Control room lighting and motorised shades, book rooms on the fly from the optional Crestron scheduling touch screen located outside the door

BENEFITS

Simple .AV Framework setup and UX

Seamlessly launch and control Google Chromebox

Integrated room control of AV, lights, shades, and thermostats

Network room scheduling and Crestron Fusion Cloud management

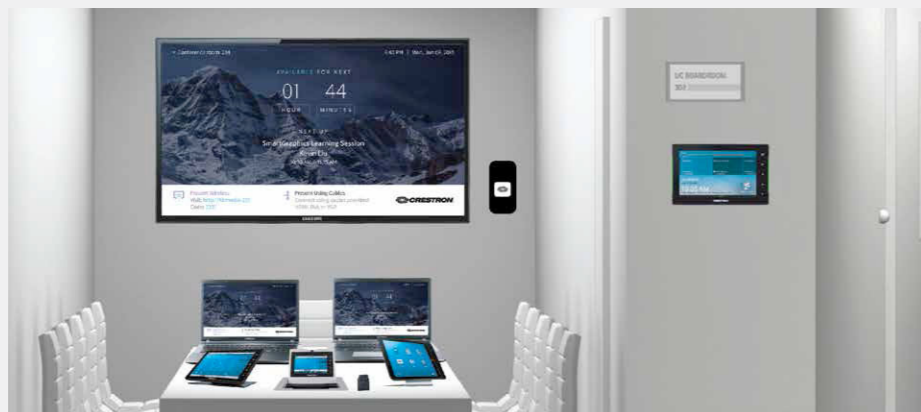


Smart Building Integration

The ability to reduce your energy consumption by automatically turning off lights and reducing HVAC use in unoccupied spaces as well as the ability to prepare rooms for meetings.

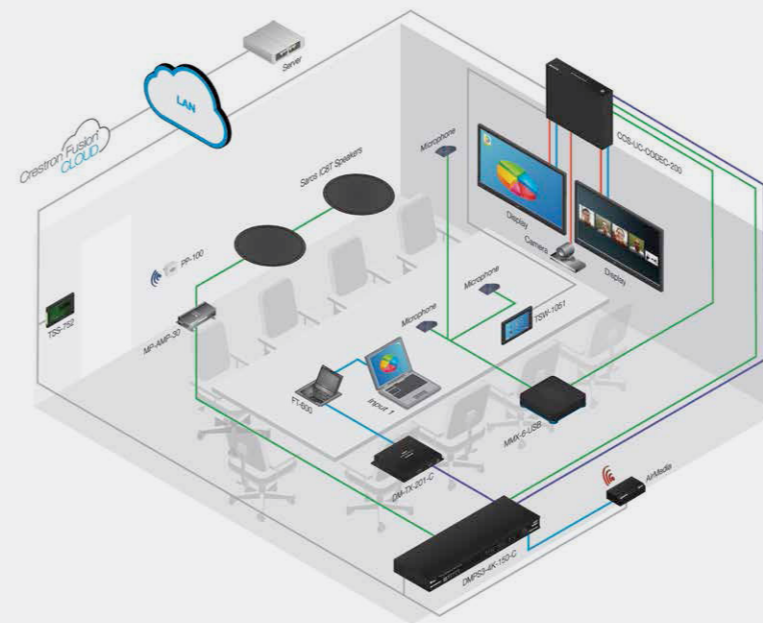
Unified communication & collaboration with Microsoft & Google

Crestron RL 2 UC Boardroom



HERO PRODUCT

Crestron RL 2 codec	CCS-UC-CODEC-200
6 channel USB microphone mixer	MMX-6-USB
3-Series 4K DM presentation system	DMPS3-4K-150-C
FlipTop connectivity and cable management	FT-600
DigitalMedia Transmitter	DM-TX-201-C
10 inch touch screen	TS-1051-C
AirMedia wireless gateway	AM-100
Room scheduling touch screen	TSS-752
8 inch 2-way in-ceiling speaker	(2) Saros_IC8
Media Presentation Audio Amplifier	MP-AMP-30
PinPoint proximity detection beacon	PP-100



Color Key

- HDMI
- Crenet
- HDBaseT
- USB
- Audio
- Ethernet

FEATURES

Seamlessly launch HD video conference calls, audio calls, and presentations with a single press

Intuitive touch screen controls ensure quick and easy start of meetings

Delivers high-quality audio, HD video, and crisp computer graphics locally or to remote locations

Control room lighting and motorised shades

Book rooms on the fly from the optional Crestron scheduling touch screen located outside the door

Integrated 4K supports resolution upscaling and downscaling

BENEFITS

Simple .AV Framework setup and UX

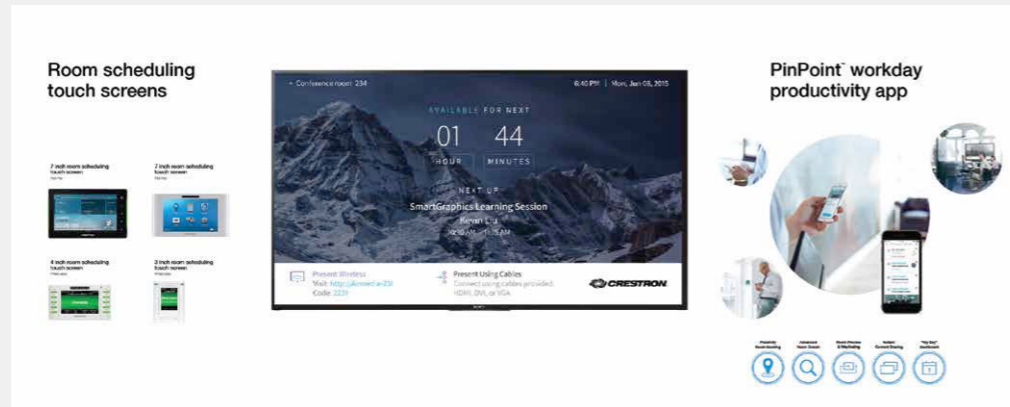
One-touch Microsoft Skype for Business video or audio conferencing and presentations

Integrated room control of AV, lights, shades, and thermostats

Network room scheduling and Crestron Fusion Cloud management

Crestron Fusion Cloud

Crestron
Fusion
enterprise
management



By gaining intelligence on how people work, the places in which they work, and the tools they use to accomplish their jobs, Crestron Fusion Cloud can provide the information needed to optimise your biggest investments: people, spaces, and technology.

THE 7 PILLARS OF CRESTRON FUSION



Global Device Management

Enables you to proactively monitor and manage your global network of AV devices in a single location.



Dynamic Scheduling

The ability to proactively monitor and manage devices helping you avoid costly downtime by giving critical support quickly.



Centralised Help Desk

Along with the Crestron PinPoint personal productivity app, it gives you an elegant solution to the complexity of meeting scheduling.



Broadcast Messaging

You can quickly and effectively broadcast corporate communications or urgent information directly to all or select displays and Crestron touch screens across the enterprise.



Asset & Space Utilisation

The ability to generate usage and analytic reports on all meeting spaces and all the technology in them.



User Experience & Automation

Crestron Fusion Cloud gives you the power to improve the day-to-day user experience of employees by anticipating their needs and reducing the confusion and frustrations common to one-off AV systems.

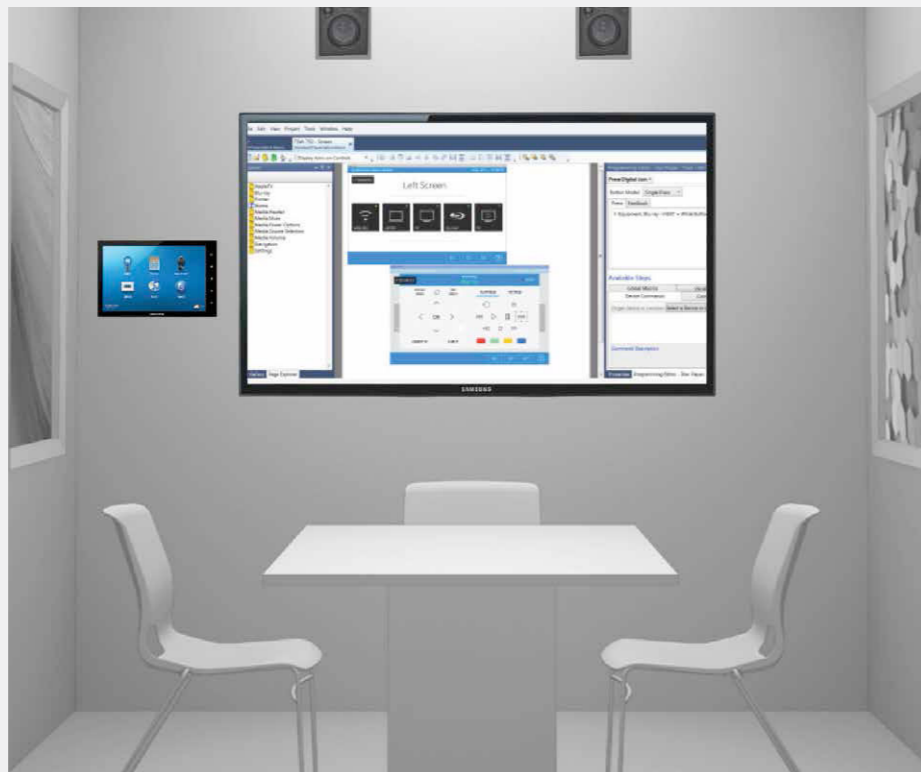


Smart Building Integration

The ability to reduce your energy consumption by automatically turning off lights and reducing HVAC use in unoccupied spaces as well as the ability to prepare rooms for meetings.

Crestron Studio

Get all the power of Crestron control & enterprise management without a single line of code



Crestron Studio software has been redesigned from the ground up to power, speed, and simplify AV system design for the classroom and workspace in ways that were not possible before.

FEATURES

Programming, GUI design, engraving, device setup and network configuration — all in one application!

Studio makes it easy to create stunning, intuitive graphical UIs - without having to write a single line of code

All the functionality, the GUI, and the hooks to Crestron Fusion are automatically generated behind the scenes and Crestron validates all the code

Crestron Studio also takes advantage of Smart Graphics to enable simple gestures navigation, swiping, and kinetic effects such as knobs, sliders, gauges, and scrolling lists, common in smartphones and tablets

Customise in-room experience and deploy to decrease systems downtime and calls to the help desk



Broadcast Messaging

You can quickly and effectively broadcast corporate communications or urgent information directly to all or select displays and Crestron touch screens across the enterprise.

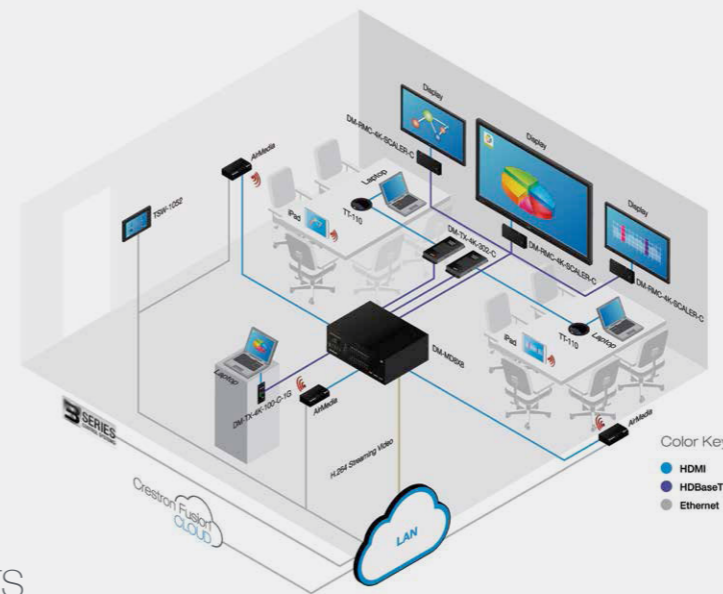
Interactive classroom with integrated 4K, streaming & BYOD

Interactive Classroom



HERO PRODUCT

DM switcher with 4K and streaming I/O cards	DM-MD8x8
Three input 4K DM transmitter	(2) DM-TX-4K-302-C
Connect It cable caddies	(2) TT-110
DigitalMedia 4K Transmitter	(2) DM-TX-4K-100-C-1G
AirMedia wireless gateway	(3) AM-100
4K Scaler DM room box	(3) DM-RMC-4K-SCALER-C
10" touch screen	TSW-1052



FEATURES

A fully modular and expandable hybrid 8x8 DigitalMedia matrix switcher

Soft-touch capacitive buttons with multi-coloured status indicators

Recessed cable storage compartment

Integrates with DigitalMedia transmitter

QuickSwitch HD technology achieves fast, reliable switching

One-wire transport for moving 4K high-definition video, audio, Ethernet and control over low-cost twisted-pair cable

Wireless presentation of HD content using laptops, tablets, and smartphones

BENEFITS

Custom .AV Framework setup with Crestron Studio

Simple one-touch toggling between multiple sources

Instructor control of content sharing

Uncompressed, zero latency 4K switching

Stream video to and from the network

Remote AV help desk and broadcast messaging

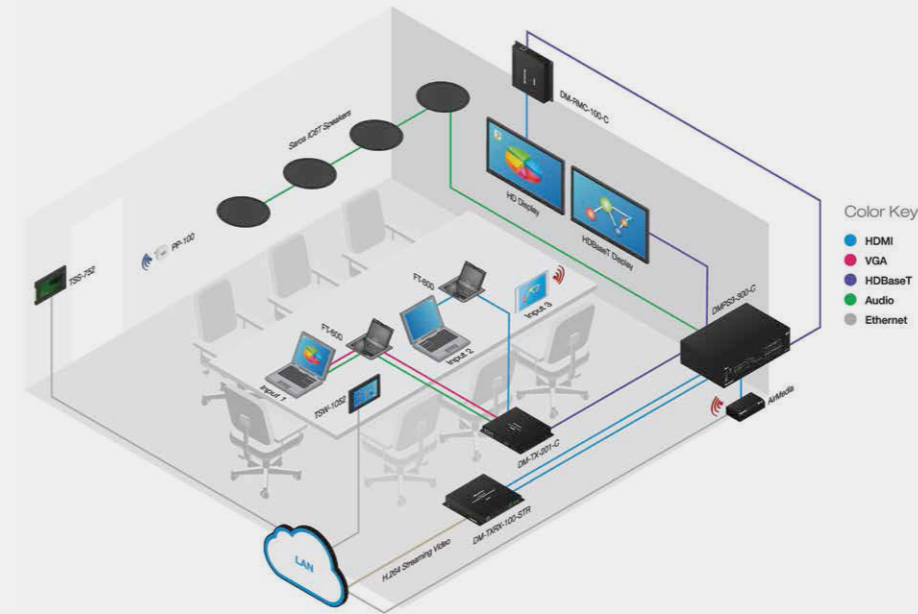
Streaming

Uncompressed,
zero-latency
HDBaseT
together with
high-quality,
low-bandwidth
streaming



HERO PRODUCT

DM switcher with 4K and streaming I/O cards	DM-MD64X64
DM switcher with 4K and streaming I/O cards	DM-MD32X32
20 inch touch screen	TSD-2020
Digital graphics engine	(2) DM-DGE-200-C
4K DM Roombox	DM-RMC-4K-100-C
Single gang 4K DM transmitter	DM-TX-4K-100-C-1G

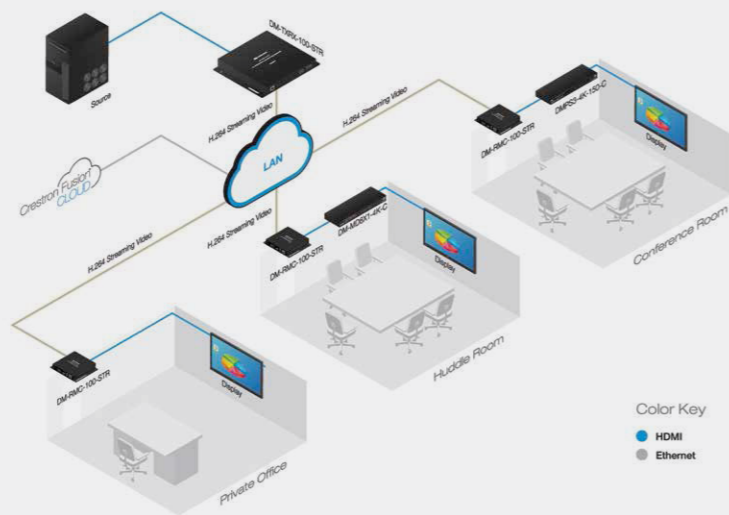
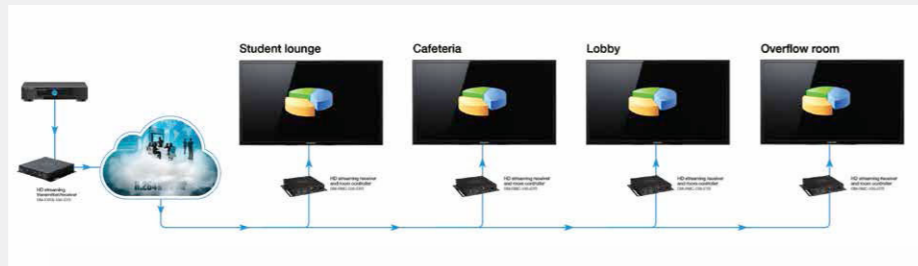


BENEFITS

- Streams enterprise-wide alerts to any room
- Send and receive streams in any room with a DM switcher
- Easily add streaming to any DMPS3 room
- One to many, Hybrid approach and 3rd party device integration (H264 is a common standard)
- Send and receive streams in any room with a 4K DM switcher

Streaming Solutions

Low-bandwidth streaming video without a matrix switcher



HERO PRODUCT

HD Streaming Transmitter/Receiver

DM-TXRX-100-STR

HD Streaming Receiver and room controller

DM-RMC-100-STR

FEATURES

One source to many displays

Versatile high-definition streaming media encoder/decoder

Enables HD AV signal distribution over IP with no distance limitations

Employs high-quality H.264 video and AAC audio encoding/decoding

BENEFITS

Simple solutions

Low cost infrastructure (not P2P)

Long distance streaming

No infrastructure limitations

Great medium for delivery of key information (digital signage)

Touch Screens

Crestron offers a full range of easy-to-use devices that let you take control of your environment

Touch Screens



Graphics Engines



Handhelds



PRODUCTS

Touch Screens

- TSW-552
- TSW-752
- TSW-1052
- IDOC-PAD-LCA
- TS-1542
- TSD-2020

Graphics Engines

- DGE-100
- DM-DGE-200-C

Handhelds

- TST-902
- TST-602
- TSR-302
- MLX-3
- HR-150
- HR-100

The Crestron Internet of Things

Total connectivity makes life easier and better



Easier navigation through the workday



Crestron PinPoint

Easier deployment / consistent UX



.AV Framework and Pyng

Management and control



Crestron Fusion Cloud and MyCrestron

Reliable, scalable platform



.AV Framework and Pyng / DM 3.0





Making life
simpler all
over the world

3000 People
90 Offices
36 Countries

For more information go to crestron.eu

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