INTEGRATE CONTROL
SYSTEMS

CRESTRON®

L&E | LIGHTING & EQUIPMENT
PUBLIC COMPANY LIMITED

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ABOUT US

Crestron is a global leader in workplace technologies, engineering and transforming corporate automation and room solutions to deliver Modern Work.

90+ Offices
32 Countries
Global Supply Chain
5,500 Staff

World headquarters in Rockleigh, New Jersey
Asia Headquarters in Singapore
Asia Logistics Hub in Singapore

WHAT WE DO

Since 1972, Crestron has been the leader in creating innovative technologies that remove barriers to connection, collaboration, communication, comfort, and control in just about every meaningful aspect of our professional and personal lives. Engineered to be simple, reliable, secure, and easy to use, Crestron sets the standard for intelligent video conferencing, digital content distribution, smart home systems, as well as control and management technology. Solutions that empower people around the world to do more, learn more, enjoy more, and achieve more.

CRESTRON LIGHTING CONTROL

Crestron's scalable lighting controls can be easily networked and integrated for centralized monitoring, management, and control throughout the enterprise. With Crestron, you can expect to dramatically reduce the time required to complete each phase of a lighting control project, with or without AV integration, while improving energy efficiency, eliminating over-specification and being encumbered with unnecessary programming inherent in most lighting control systems. With Crestron, we have you covered.

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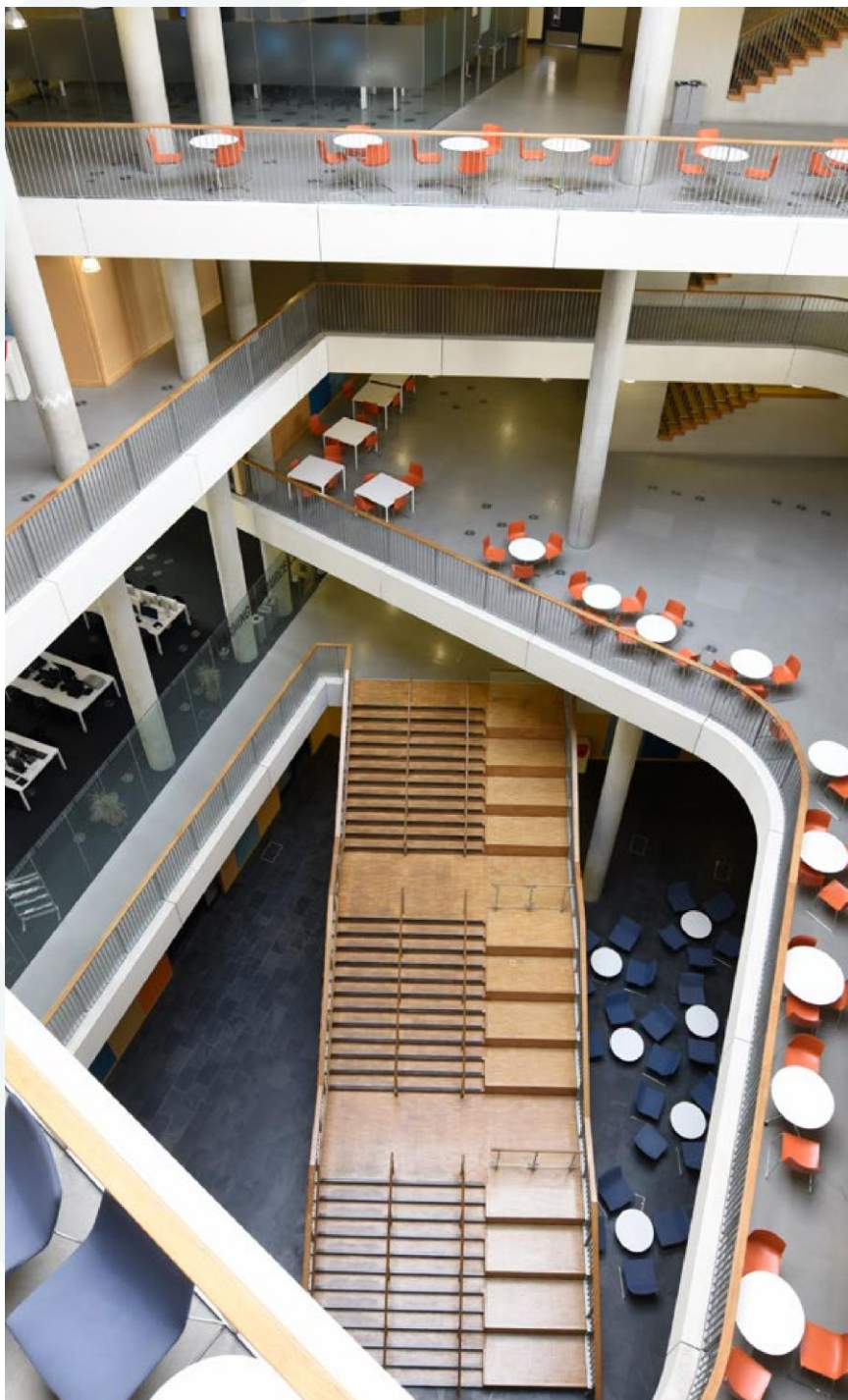
DIMMING MODULES

PHASE DIMMING

DIN-1DIM4

- Line Power   120-277VAC, 50/60Hz

- Dimmer Channels   4

- Load Types
  - Leading edge ELV,
  - Incandescent,
  - Neon/Cold Cathode,
  - Magnetic Low Voltage,
  - Dimmable 2-Wire Fluorescent,
  - and Non-Dim Lighting

DIN-1DIMU4

- Line Power   120-277VAC, 50/60Hz

- Dimmer Channels   4

- Load Types
  - Forward Phase (leading edge) or Reverse Phase (trailing edge)
  - Electronic Low Voltage,
  - Incandescent,
  - Neon/Cold Cathode,
  - Magnetic Low Voltage,
  - Dimmable2-Wire Fluorescent,
  - and Non-Dim Lighting

DIMMING MODULES

0-10V DIMMING

DIN-AO8

- Output1-8   (4) 4-pin 3.5mm detachable terminal blocks comprising (8) analog output ports;
Voltage Control Range: 0 to 10 Volts DC;
Maximum Sink/Source Current: ±20mA per channel;
Output Resolution: 1024 levels (10 bit)

DIN-4DIMFLV4

- Output1-4   (2) 4-pin 3.5mm detachable terminal blocks comprising (4) isolated dimming control outputs;
Voltage Control Range: 0 to 10 Volts DC;
Maximum Sink Current: 60mA per channel;
Output Resolution: 1024 levels (10 bit)

- Dim Load Types   0-10 Volt fluorescent ballast or LED driver (4-wire);
Maximum of 30 dimmable ballasts/drivers

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DIMMING MODULES

DALI DIMMING

DIN-DALI-2

- **DALI Power**   (1) 2-position switch, sets DALI power between internal (INT) and external (EXT);
                       When set to INT DALI uses power supplied by the DIN-DALI-2;
                       When set to EXT DALI uses power provided by external power supply (not included)

- **DALI1**   (2) 2-pin 5 mm terminal blocks (D+) and (D-);
                       Control a single DALI loop;
                       Each DALI loop controls up to 64 drivers;
                       3kVAC isolation between Cresnet/Ethernet ports;
                       Wire Gauge: 28 AWG to 12 AWG

- **DALI2**   (2) 2-pin 5 mm terminal blocks (D+) and (D-);
                       Control a single DALI loop;
                       Each DALI loop controls up to 64 drivers;
                       3kVAC isolation between Cresnet/Ethernet ports;
                       Wire Gauge: 28 AWG to 12 AWG

HORIZON KEYPAD

A new sensation in smart home control
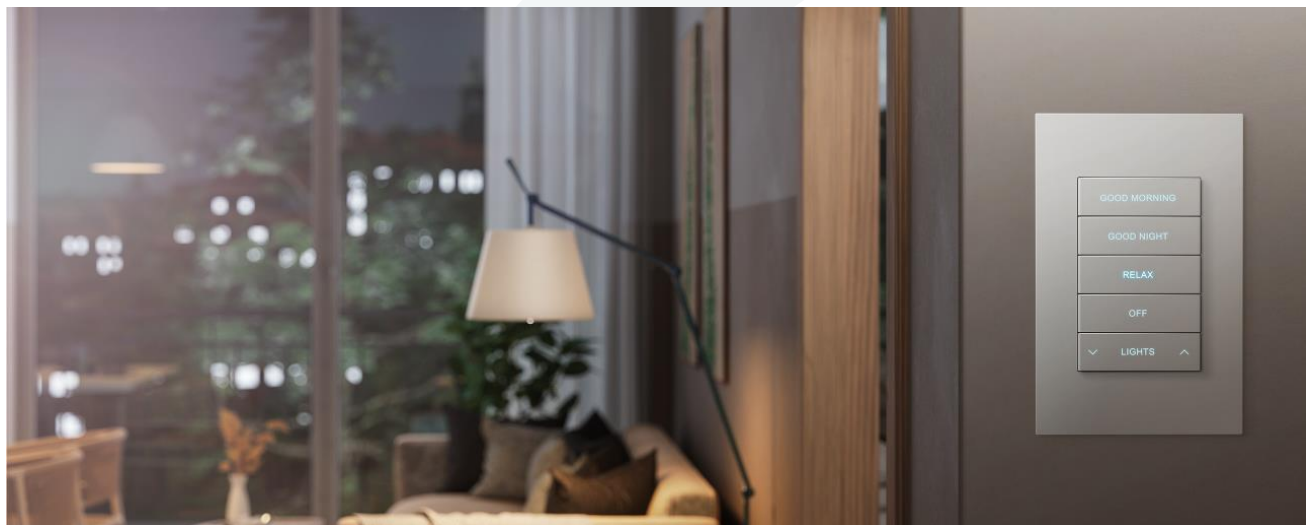
Control that feels as good as it looks

A pleasing tactile response with each button press. Sophisticated contemporary design. Advanced functionality. Horizon® keypads and dimmers bring it all together with elegance to elevate your lifestyle and accentuate your décor.

Residential Lighting Solutions

CAMEO® KEYPADS

Versatile, stylish, customizable control

The most luxurious and contemporary interiors are perfect candidates for Cameo® keypads, available in a wide array of button configurations and finishes to suit your specific needs.

Cameo Keypads

A FAVORITE CHOICE FOR LIGHTING AND AV CONTROL

Stylish and exquisitely simple, yet highly customizable, Cameo keypads easily install alongside other standard low-voltage in-wall devices. The option of wired or wireless connectivity allows easy, flexible installation in both new and existing homes. Choose from 12 color-matched textured or smooth decorator-style faceplates and versatile button combinations/sizes. Most models feature customizable backlit engraving.

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Cameo Flush Mount Keypads

MODERN DESIGN MEETS MODERN FUNCTION

Looking for an advanced custom keypad control solution in an incredibly compact, slim profile design? Cameo flush mount keypads cover all the bases. Stylish and versatile, they feature a clean, flush finish, so there are no protruding edges. Choose from the optional Elegance collection of solid metal faceplates for a contemporary appearance in a range of luxurious designer color finishes and button combinations/sizes with customizable backlit engraving.

Elegance Faceplates and Finishes

FOR CAMEO FLUSH MOUNT AND INTERNATIONAL KEYPADS

Low-profile and engineered to exceed the highest standards, stylish Elegance faceplates for Cameo flush mount keypads are so slim they practically hug the wall. Precisely engineered from solid metal with a one-piece bezel, they're available in a wide variety of lustrous finishes, each formulated to perfectly reflect your personal aesthetic and complement your home décor. White and paintable primer finishes are also available.

Cameo Keypads – International

FOR EUROPEAN AND UK WALL STYLE BOXES

Tasteful and attractive in appearance, these flexible keypads are designed for installation in UK and European style wall boxes and can also be mounted into furniture without requiring a backbox. Optional architectural faceplates, also available in the Elegance line, offer a metallic accent for a sophisticated appearance in every environment. Choose from a range of versatile button combinations/sizes with customizable backlit engraving and white LED feedback indicators.

CLWI Series

VERSATILE, FUNCTIONAL, AND CUSTOMIZABLE

The CLWI Series combines beautiful aesthetics with audio, lighting, and shading control from multiple locations around the home. Their customizable button layouts can be set to recall scenes, brighten and dim, adjust volume, and more. In white and anthracite finishes. Optional Niko faceplates add a selection of styles and finishes to match any decor.

NIKO FACEPLATES

Prefer faceplates that make a statement? Crafted of premium materials full of character, such as bamboo, stainless steel, and Bakelite, Niko faceplates for CLWI keypads deliver a refined look and sustainable finish.

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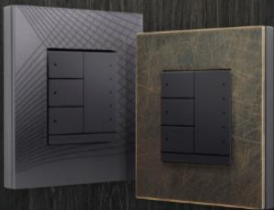
T O U C H   S C R E E N

Designed for anywhere people share information, connect with technology, or command a space
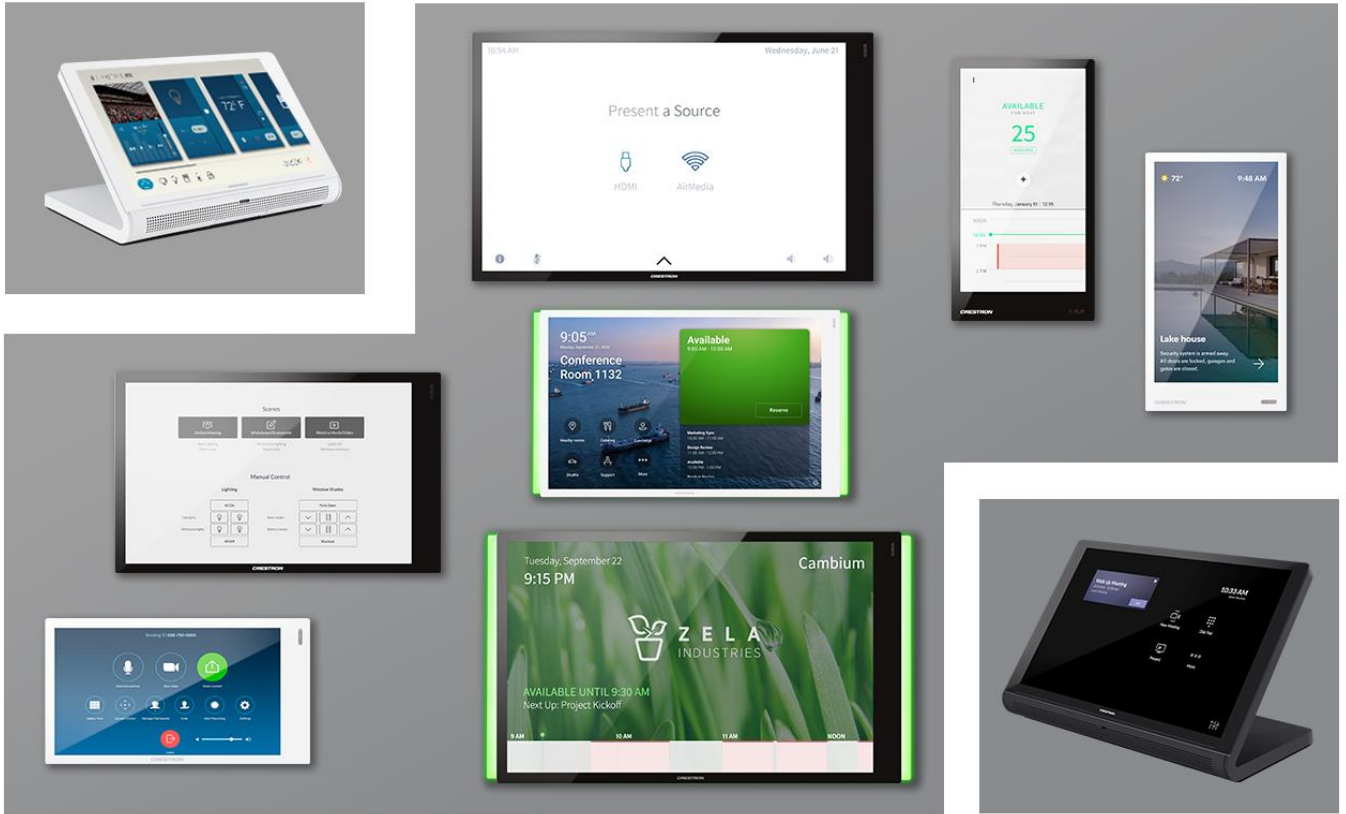
Design that delivers responsive, dynamic, and intuitive control

Proximity Sensor detects motion and awakens screen upon approach

Faster processing for a smoother, more responsive experience and frictionless scrolling

Sharper screen resolution that communicates with perfect clarity

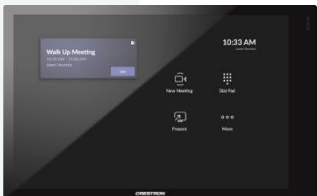As dynamic as any smart device. Matching experience with expectations.

TOUCH SCREEN

Design that connects form to function – flawlessly

Wi-Fi® capabilities and PoE+ installation for maximum flexibility and convenience

Wi-Fi® capabilities and PoE+ installation for maximum flexibility and convenience

Bluetooth® beacon enables touchless room control from mobile devices via the Crestron ONE™ app
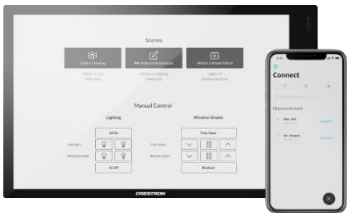
Every touch screen offers a full range of security standards including 802.1X, TLS, FIPS-140-2, SSH, and SFTP

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TECHNOLOGY PARTNERS

Microsoft

SENNHEISER

SAMSUNG

EMS
an account company

logitech

CollegeNET

epiphan video

Google

new wave
APPS

PHILIPS

zoom

intoPIX

APPSPACE

LG

Robin

PLANAR

intel

DIGITAL PROJECTION
A Delta Associate Company

NEC

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CRESTRON LIGHTING CONTROL

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POWER SUPPLY

PROCESSOR

DALI MODULE

KEYPAD SWITCHS

TOUCH SCREENS

# CRESTRON COMMUNICATION

Overview

The Cresnet™ communications protocol is designed for Crestron devices that do not require the higher speeds of Ethernet. Cresnet provides a dependable and flexible wiring solution, allowing multiple devices to be wired together in parallel using various network topologies. A single Cresnet server can provide power and data to up to 25 client devices. Cresnet networks can be further expanded using Cresnet hubs and Ethernet-to-Cresnet bridges.
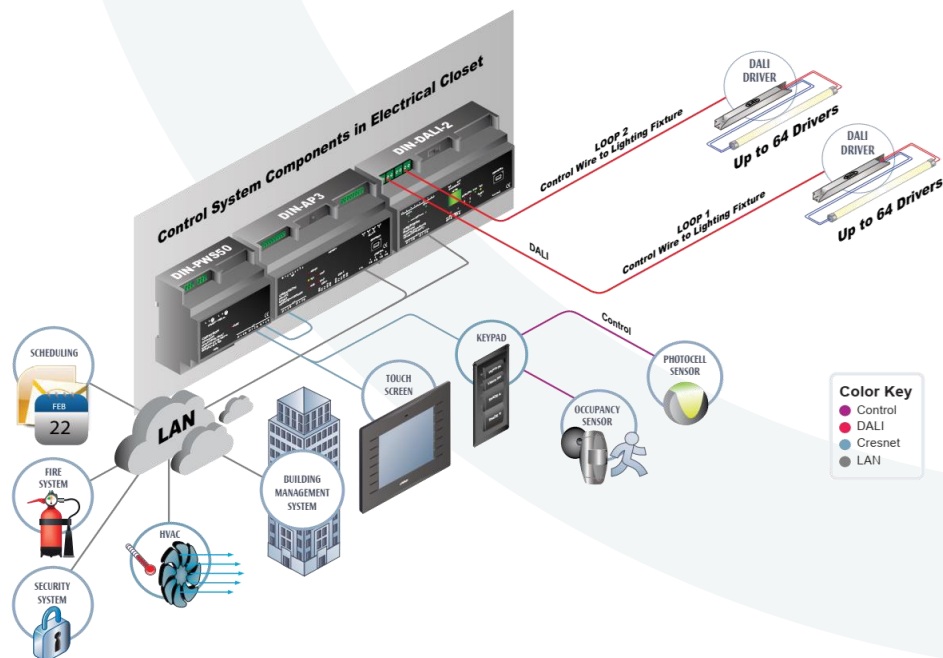
CRESTRON FLEX VIDEO CONFERENCE

Crestron Technology is Everywhere in The Workspace

- Room systems
- Desk phones
- Room Scheduling
- Collaboration displays
- Digital Signage
- Video walls
- Video distribution
- AV control
- Digital whiteboards
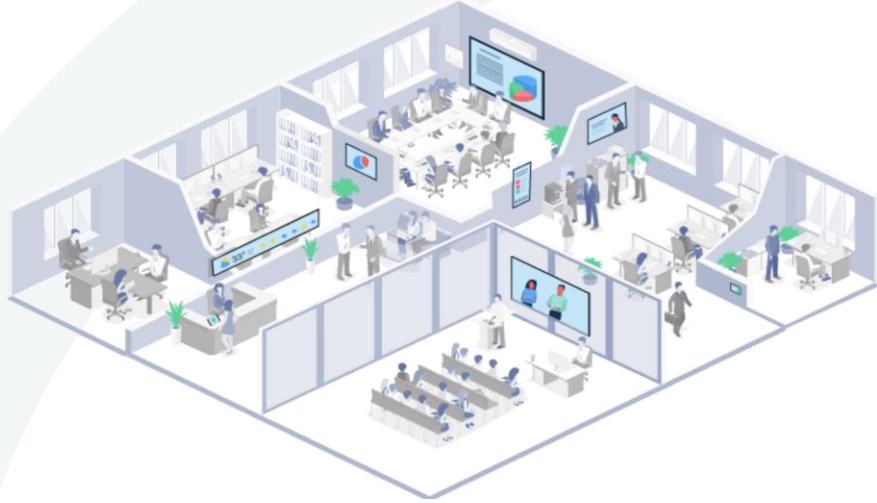
Crestron Flex : Connect with anyone on any platform from any space

Microsoft Teams

zoom

BRING YOUR OWN DEVICE

One experience
- Native support for conferencing via Microsoft Teams® or Zoom Rooms™ software, along with BYOD conferencing
- Consistent user experience, from desktop to boardroom
- Exceptional audio and image quality
- Zero-touch cloud-based management solution hosted on Microsoft Azure™ platform – can even swap native experience between Microsoft Teams and Zoom
- Options that meet the highest levels of security and network requirements

CRESTRON FLEX VIDEO CONFERENCE

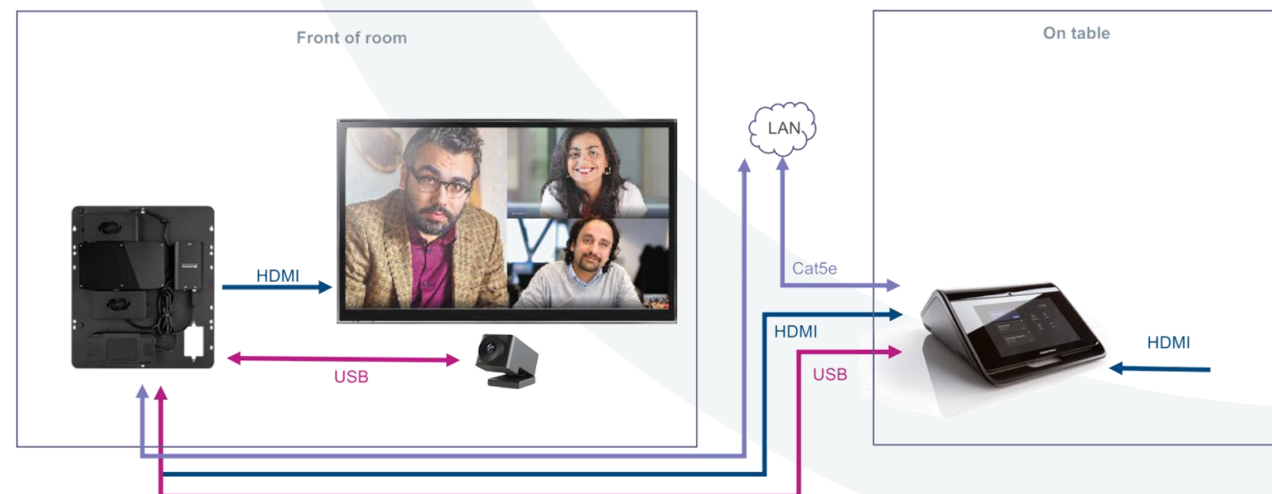Crestron Flex : Collaboration that works. In every way.

Personal workplaces

Small rooms

Medium or
Large rooms

Custom spaces

Outside the room

Crestron Flex : Concept

Small Meeting Rooms : B-Series – Microsoft Teams or Zoom Rooms systems

Front of Room

HDMI

USB

LAN

On Table

Cat5e w/ POE

Cat5e

Optional
HDMI

Medium Meeting Rooms : M-Series – Microsoft Teams or Zoom Rooms systems

Front of room

HDMI

USB

LAN

On table

Cat5e

HDMI

USB

HDMI

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CRESTRON FLEX VIDEO CONFERENCE

Large Meeting Rooms : M-Series – Microsoft Teams or Zoom Rooms systems
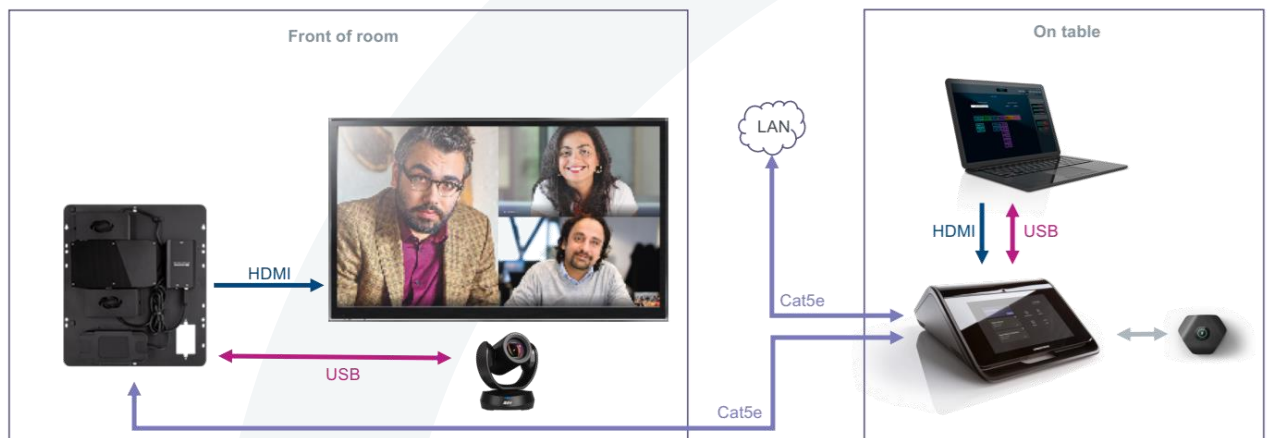
Crestron XiO Cloud

- Manage and monitor your complete range of workplace technology
- Understand how spaces are being used with people counting analytics
- Provide white glove support with remote control of touch screens

Cloud-first platform for device management
- Secure outbound connections from the device to the cloud
        – no need to open up firewalls
- No additional on-premises hardware, servers, or virtual machines required
- Multiple regions provide redundancy and failover in the event of an outage
- Automatic access to all new updates as they are made available
- All services monitored and maintained 24/7/365 by Crestron's cloud operations team

ICONSIAM

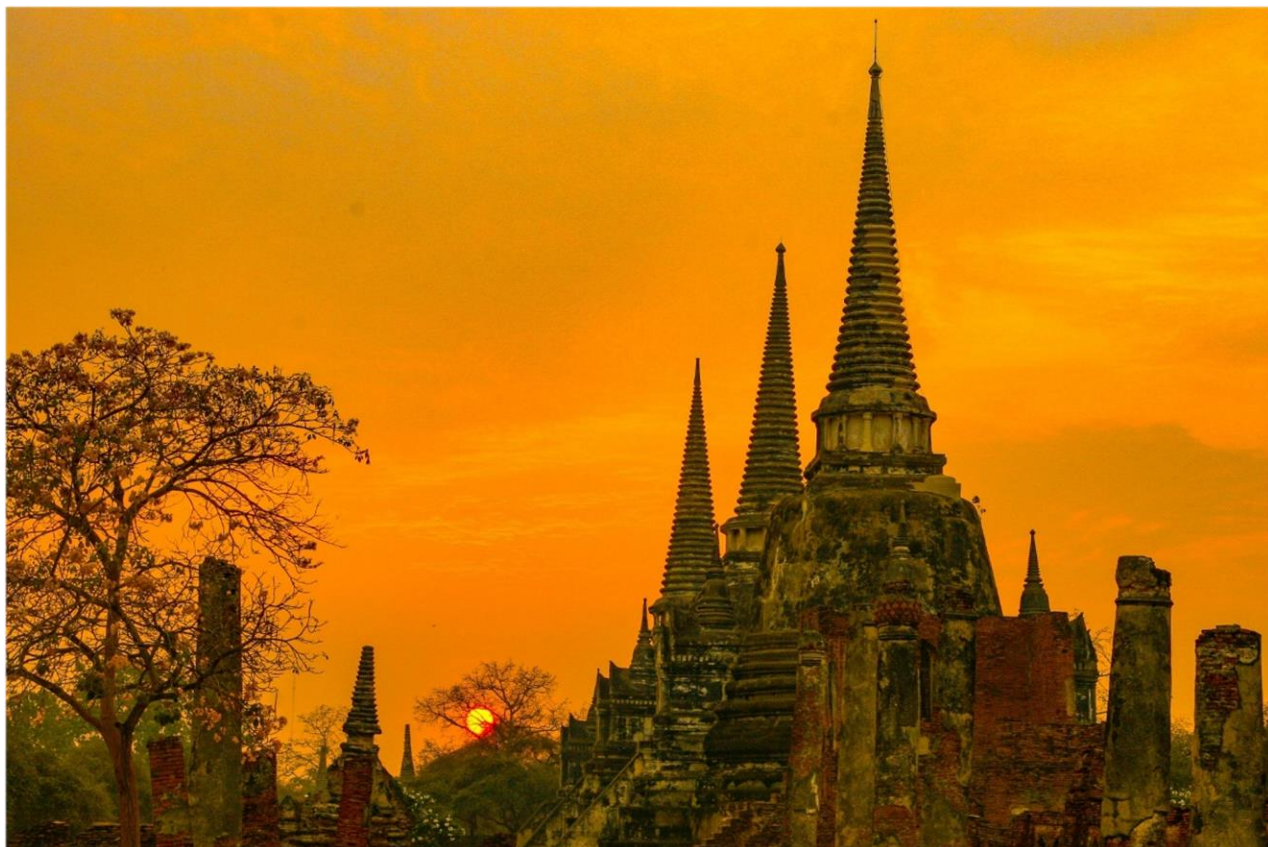KOMPONG DEWA CAMBODIA

RAMA 9 MUSEUM

KIMPTON KITALAY SAMUI

98 WIRELESS CONDO

PETRONAS TWIN TOWERS MALAYSIA

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AYUTTHAYA HISTORICAL PARK

PHRA PATHOM CHEDI NATIONAL MUSEUM

LIDO CONNECT

BJC HQ AUDITORIUM 6TH FL.

CP RAM OFFICE

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