Connect. Configure. Go.

AV Framework™

Set up any space quickly, affordably, and completely—scheduling, signage, wired and wireless presentation capability—with just a web browser.

Built in to Crestron products and built to provide a consistent, simple experience for everyone—from deployment to presentation. That’s .AV Framework™.

Built for speed and scalability.
- Open a web browser, configure a space.
- Built into a full range of Crestron products.
- No programming, no special software.
- Roll out systems quickly and easily at scale.

Built for the bottom line.
- Deploy and update without spending limited budget on programming.
- Optimize your resources by empowering staff to support.
- Gain more business by covering more spaces.
- Maximize budget without sacrificing effectiveness.

Built for consistency.
- Automatically generate a simple consistent GUI.
- Every room works the same and provides the same easy access.
- Streamlined collaboration and simple updates.
Control
Control a full room system, displays, endpoints, media player – With just configuration

Share
Present content wired or wirelessly from up to 8 inputs

Display
Switch and display content from up to 8 different sources on up to 4 different displays.

Manage
It’s simple to manage and update devices from just a web browser
Products Supported by .AV Framework

AVF Controllers
Touch Screens & Interfaces
Wireless Presentation
Room Scheduling
I/O Modules

Switchers, Transmitters and Receivers
Cable Management
Occupancy Sensor
3rd Party Devices

For full list of support product model numbers visit: https://www.crestron.com/en-US/Products/Featured-Solutions/AV-Framework
Crestron integrates systems and technologies that typically operate in silos, so they work together as a single system. Crestron Fusion monitoring and scheduling software adds a layer of intelligence to turn an organization into a high-performance enterprise. It’s easier than ever to get all the powerful tools clients really want, including network room scheduling, remote help desk, global device monitoring, and data collection and reporting.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Scheduling</td>
<td>Crestron Fusion network room scheduling integrates with popular calendaring programs you’re already using to improve workflow and room usage.</td>
</tr>
<tr>
<td>Help Desk and Support</td>
<td>AV and IT staff get alerts to remotely resolve events quickly to maximize uptime.</td>
</tr>
<tr>
<td>Global Device Monitoring</td>
<td>Real-time alerts allow support staff to proactively manage events, so rooms are fully functional and ready for the next meeting.</td>
</tr>
<tr>
<td>Data and Reporting</td>
<td>Collecting data and generating reports helps organizations optimize investments in people, spaces, and technology.</td>
</tr>
</tbody>
</table>
Crestron® Virtual Control (VC-4 Series) is a server-based control platform for enterprise applications that can supplant individual hardware-based Crestron control systems. The platform runs programs to control multiple rooms over the network from a single centralized location.

Key Features

- Offers a centralized server-based alternative to individual hardware-based control systems in every room
- Provides a virtual control system for each room over a network
- Streamlines deployment, maintenance, and management
- Supports Crestron XiO Cloud™ cloud-based deployment, management, and monitoring
- Employs enterprise-grade security to ensure maximum reliability and privacy

NOTE: A Crestron XiO Cloud™ service account is required to license the VC-4 server. A single device license must be purchased for each VC-4 server in Crestron XiO Cloud.
**Budget Friendly**

**USE CASE**

- Deploy this simple design across and enterprise or universities that is easy to use by end users such as professors, teachers and students

**BENEFITS**

- Extend up to 4K signal using DM Lite® endpoints
- Easily source and control content with the MPC3-101 with built in 3-Series® control processor
- Hear videos and other content using native brand ceiling speakers, AMP-X50MP and DSP-860
- Wirelessly present using the AM-200
- Enterprise grade security

**CONCLUSION**

- Easy to use, budget friendly design that is completely web configurable with minimal SKUs
Single Display

USE CASE
- Scale this single display design across an entire enterprise or university for a simple solution that is easy to configure and manage.

BENEFITS
- Switch content from different owner furnished sources using the all in one DMPS presentation switcher.
- Easily source and control content with a commercial grade and purpose built touch screen.
- Extend up to 4K signal using DM Lite® endpoints.
- Hear videos and other content using native brand ceiling speakers.
- Managed and provisioned via Crestron XiO Cloud™ service.
- Enterprise grade security.

CONCLUSION
- Scalable single display design that is completely web configurable and easily deployed, managed and monitored.

BOM EXAMPLE

<table>
<thead>
<tr>
<th>QNTY</th>
<th>PRODUCT NAME</th>
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<tbody>
<tr>
<td>1</td>
<td>AMP-X300</td>
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<tr>
<td>1</td>
<td>DMPS3-4K-100C</td>
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<tr>
<td>1</td>
<td>DM-RMC-4KZ-100-C</td>
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<td>4</td>
<td>SAROS IC6T-W-T-EACH</td>
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<tr>
<td>1</td>
<td>TSW-760</td>
</tr>
<tr>
<td>1</td>
<td>TSW-760-TTK</td>
</tr>
</tbody>
</table>

• Scale this single display design across an entire enterprise or university for a simple solution that is easy to configure and manage.

USE CASE

BENEFITS

- Switch content from different owner furnished sources using the all in one DMPS presentation switcher.
- Easily source and control content with a commercial grade and purpose built touch screen.
- Extend up to 4K signal using DM Lite® endpoints.
- Hear videos and other content using native brand ceiling speakers.
- Managed and provisioned via Crestron XiO Cloud™ service.
- Enterprise grade security.

CONCLUSION

- Scalable single display design that is completely web configurable and easily deployed, managed and monitored.

Key: Cat5/6  HDMI® Cables  DM™ Cables  Speaker  Audio  RS-232
Dual Display

USE CASE
- Scale this dual display design across an entire enterprise or university for a simple solution that is easy to configure and manage

BENEFITS
- Switch content from different owner furnished sources using the all in one DMPS presentation switcher and wirelessly present using built in AirMedia® wireless presentation
- Students can easily connect different sources and share content using FlipTop™ cable management systems
- Route content easily using a commercial grade and purpose built touch screen
- Route different types of content simultaneously on two different projectors
- Managed and provisioned via Crestron XiO Cloud™ service
- Hear content with audio on native brand speakers

CONCLUSION
- Scalable dual display design that is completely web configurable and easily deployed, managed and monitored

BOM EXAMPLE

<table>
<thead>
<tr>
<th>QNTY</th>
<th>PRODUCT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DMPS3-4K-350-C-AIRMEDIA</td>
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<td>1</td>
<td>DM-TX-AKZ-202-C</td>
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<td>FT2A-CBL-PT-4K-HD</td>
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<td>SAROS IC6LPT-W.T-EACH</td>
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</tbody>
</table>

Key: Cat5/6          HDMI® Cables          DM™ Cables          Speaker          Audio

This dual display design is scalable across an entire enterprise or university, providing a simple solution that is easy to configure and manage. It offers the following benefits:

- Switch content from different owner furnished sources using the DMPS presentation switcher and wirelessly present using built-in AirMedia® wireless presentation.
- Students can easily connect different sources and share content using FlipTop™ cable management systems.
- Route content easily using a commercial-grade and purpose-built touch screen.
- Route different types of content simultaneously on two different projectors.
- Managed and provisioned via Crestron XiO Cloud™ service.
- Hear content with audio on native brand speakers.

The conclusion is that the dual display design is scalable, completely web configurable, and easily deployed, managed, and monitored.
Simple Room

USE CASE
- Deploy minimal SKU’s and integrate with Owner Furnished Equipment (OFE) displays for a simple, web configurable solution

BENEFITS
- Simple design with less SKU’s
- Auto switch 4K60 content using DM® transmitter
- Source and route content using a commercial grade and purpose built touch screen
- Wirelessly present using the AM-300
- Enterprise grade security
- Provision and manage the room via Crestron XiO Cloud™ service

CONCLUSION
- Simple, scalable room solution that is easily web configurable with easy deployment
All-In-One

USE CASE
- Use for all spaces requiring less SKU’s with form factor and all in one devices

BENEFITS
- Top Pro-Performance:
  - True 4K/60/444 low latency video
  - Enhanced Audio quality & capabilities: amplification, routing, mixing, extraction
- Simplicity:
  - More built-in/all-in-one options: AV-I/O’s, Amp, Network-Switch, Control-Ports
  - More wall-plate/transmitter compatible options
  - Easy to Install & Stock: Less boxes & wiring
- Lowest Overall Total Cost of Ownership

CONCLUSION
- An all in one room with a form factor processor, all in one 4K content switcher, and native brand speakers that can be easily deployed throughout a building with web configuration

### BOM EXAMPLE

<table>
<thead>
<tr>
<th>QNTY</th>
<th>PRODUCT NAME</th>
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<tbody>
<tr>
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<td>RMC3</td>
</tr>
<tr>
<td>2</td>
<td>SAROS ICI6T-W-T-EACH</td>
</tr>
</tbody>
</table>

**Key:**
- Cat5/6
- HDMI® Cables
- DM Lite™ Cables
- Speaker
- Audio
- RS-232
**Display Only**

**USE CASE**
- Scalable display only room that can be controlled via VC-4 and expanded easily across the enterprise or university

**BENEFITS**
- Different Inputs on the display act as a virtual switcher
- Simple design that can easily be integrated into existing owner furnished equipment
- Route and source content using a commercial grade and purpose built touch screen
- Server based control system using Crestron VC-4 making for an easily managed system

**CONCLUSION**
- Simple design that is controlled through VC-4 providing robust redundancy and security measures for increased reliability across the enterprise when scaled

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<table>
<thead>
<tr>
<th>QNTY</th>
<th>PRODUCT NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AM-200</td>
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<td>CEN-ODT-C-POE</td>
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<td>VC-4</td>
</tr>
</tbody>
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**USE CASE**

**BENEFITS**

**CONCLUSION**

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**Key:**
- Cat5/6
- HDMI® Cables
- RS-232

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**Crestron**

**XIO CLOUDS**

**AV Framework**

**VIRTUAL CONTROL**