



PROFESSIONAL VIDEOWALL SOLUTION

ONE POWERFUL SYSTEM  
ENDLESS POSSIBILITIES



SEE ALL. CONTROL IT ALL.

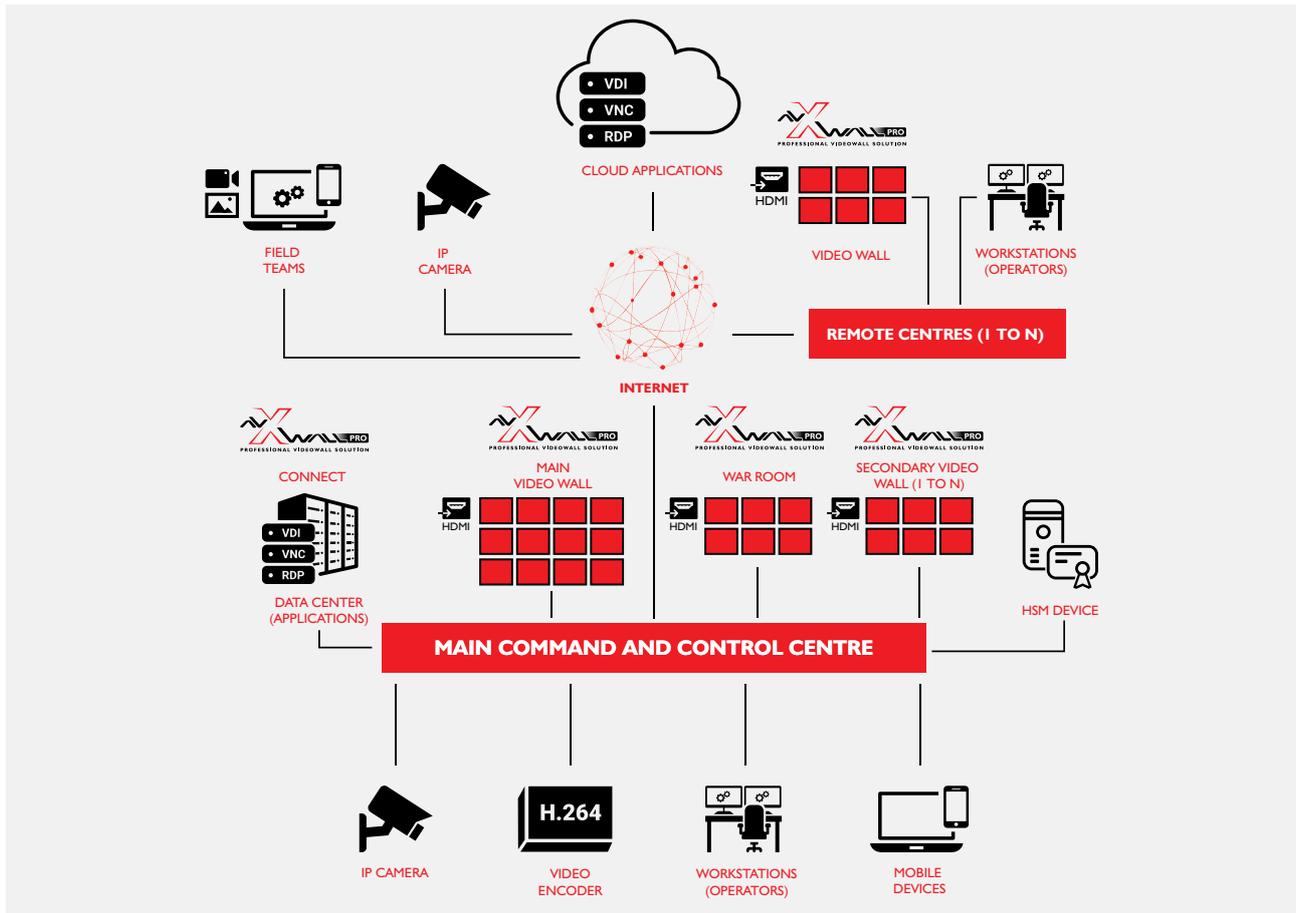
## POWERFUL VIDEO WALL MANAGEMENT SOLUTION FOR CONTROL ROOMS

Avenview's **AVXWALLPRO** is a multi-platform video wall solution that unifies all visual resources into a single, seamless canvas. It simplifies content management and empowers teams to make faster, more informed decisions - enhancing collaboration across both local and remote environments.

In **Command-and-Control Centers**, operators manage a constant flow of critical data that must be monitored, analyzed, and shared across diverse teams. Each operation presents unique challenges, demanding an advanced systems that keeps vital information accessible, clearly displayed, and efficiently distributed. **AVXWALLPRO** addresses these challenges with a powerful and adaptable platform that gives operators full control and confidence in handling complex, high-stakes tasks.

Backed by Avenview's expertise in professional video wall solutions, **AVXWALLPRO** is part of a complete ecosystem of controllers designed for **Command-and-Control Centers, Meeting Rooms, and War Rooms.**

### SYSTEM TOPOLOGY



**AVXWALLPRO** integrates multiple data sources across a unified network, allowing content to flow effortlessly to any display, video wall, or remote site. Its web-based control platform gives operators complete command over every screen, while dynamic scaling ensures real-time collaboration and optimal visualization.

**Avenview's AVXWALLPRO Video wall controller has a rich, powerful dashboard with easy-to-use GUI ... drag and drop operation.**

## INTEGRATION

-  iOS & Android Device Compatibility
-  Integrated Videoconferencing (Zoom, Teams, Cisco, Skype, etc.)
-  Media Server for Videos, Images & PDFs
-  Audio Server Integration with Amplifiers
-  GIS Mapping with Local Rendering
-  Multi-User Mouse Control
-  Industry-Leading VMS Integration
-  HDMI Input Support
-  Content Carousels for Dynamic Display
-  Third-Party API Integration

## INTERFACE

-  Rich Dashboard with Intuitive GUI
-  Drag-and-Drop Controls
-  Web-Based Interface
-  On-Screen Context Menu
-  Integrated Web Browser
-  Screen & Application Sharing
-  Unified Workspace for Entire Video Wall
-  Flexible Layout Management
-  Built-in Support Apps (Clock, Weather, etc.)
-  Desktop Workspace Splitter

## NETWORK

-  Virtual Desktop Infrastructural (VDI) Integration
-  Remote Desktop Protocol (RDP) Support
-  Distributed or Centralized Hardware Architecture
-  Real-Time Video Streaming (HLS/RTSP/RTP)
-  Remote Workstation Control (VNC)

## SECURITY

-  Robust Linux-Based Architecture
-  Encrypted Authentication Certificates
-  Advanced User & Group Management (LDAP)

**“Designed for mission-critical environments, the AVXWALLPRO delivers unmatched scalability, flexibility, and reliability — empowering organizations to manage every operation with confidence.”**



# FEATURES

AVXWALLPRO controllers incorporate advanced features such as:

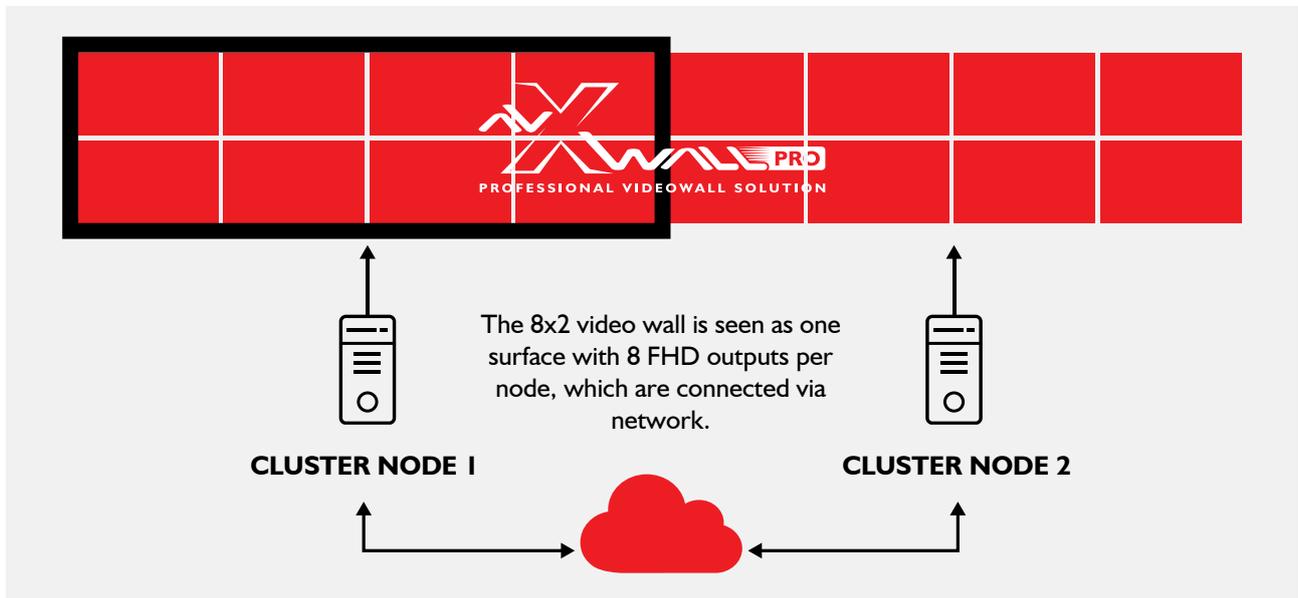
## AVXWALLPRO CONNECT

The CONNECT gateway integrates RDP and VNC sessions directly into the AVXWALLPRO management platform. Through a secure, browser-based portal, operators can easily create and manage connections, enabling fast and reliable access to multiple systems from one dashboard.

## AVXWALLPRO CLUSTERING

CLUSTERING allows multiple controllers to work together as a single system, combining all video outputs into one unified display surface. This architecture ensures effortless scalability and redundancy, simplifying complex operations while enhancing overall performance.

**Example:** 8x2 Video wall - two-node cluster - 16 FHD displays



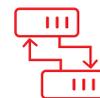
## Redundancy Options

The AVXWALLPRO series supports redundant configurations that ensure uninterrupted operation in mission-critical environments. Additional nodes can provide backup, load balancing, or maintenance flexibility without affecting performance.

With hot-swappable drives and power supplies, components can be replaced without downtime - delivering exceptional reliability, scalability, and resilience across every deployment.



Server Clustering offers scalability and flexibility



Redundancy and hot swap options adds reliability and robustness

# SOFTWARE OPTIONS



OPTION	FEATURES	APPLICATIONS
<b>Basic</b>	Web views, media files, layout management, videoconferencing	Digital signage, small operation centers, presentations
<b>Advanced</b>	User management, 16x IP video decode, remote desktops	Small/medium control rooms, surveillance
<b>Enterprise</b>	LDAP, > 16 IP video decode, hot stand-by	Medium/large mission-critical control rooms

# SYSTEM OPTIONS

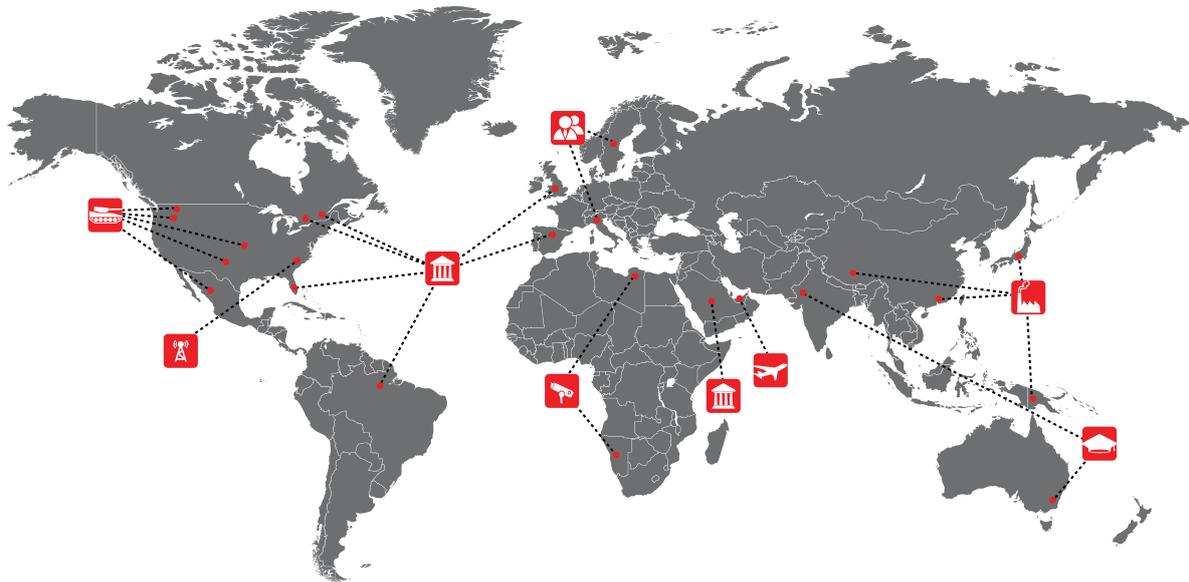
FORM FACTOR	4K OUTPUTS	1080P INPUTS	4K INPUTS	SOFTWARE	
<b>Embedded Micro</b>	2	2	Custom	Basic	
<b>Compact Tower</b>	4	4	Custom	Advanced	
<b>Professional Tower</b>	8	8	Custom	Enterprise	
<b>Server Rack 2U</b>	16	Custom	Custom	Enterprise / Custom	

\*Contact Avenview's sales team for Custom solutions



## Global Support

Avenview provides worldwide support for its hardware, with 24x7 onsite assistance available in over 140 countries.



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|--|--|---|---|--|--|
| <br>Military      | <br>Residential | <br>Medical          | <br>Industrial | <br>Government | <br>Corporate |
| <br>Entertainment | <br>Education   | <br>House of Worship | <br>Aviation   | <br>Broadcast  | <br>Security  |

**VIDEO WALL VIDEO PROCESSORS MULTIVIEWERS DIGITAL SIGNAGE  
EXTENDERS CONTROL CENTERS SCALERS WIRELESS**

## GET IN TOUCH

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