

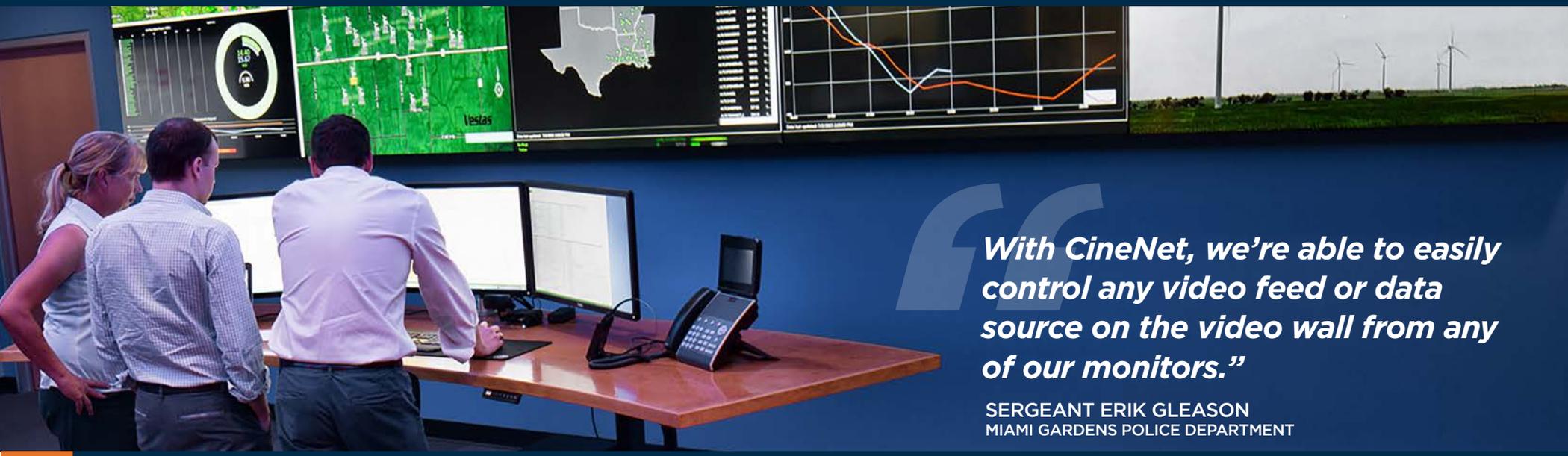


CineNet™ Video Wall Management Platform

User-friendly control for your video wall system

Haivision MCS CineNet is a video wall management platform you can use to control the content on your entire video wall system. It lets you easily position and resize content on the display wall as well as to perform more advanced content management functions. Delivering more value than traditional video wall management systems, you can also use CineNet to control third-party devices like video-teleconferencing systems, eliminating the need for external equipment and custom programming.





With CineNet, we're able to easily control any video feed or data source on the video wall from any of our monitors."

**SERGEANT ERIK GLEASON
MIAMI GARDENS POLICE DEPARTMENT**

Why CineNet?

USER-FRIENDLY

With a simple, intuitive interface, CineNet is designed for all users, ranging from the non-technical to "power users." It incorporates common elements available in other applications like drag & drop, tablet control, and easy cropping.

- Short learning curve - Reduce your training needs as CineNet's interface is designed with simplicity in mind.
- Media upload - Upload a video or image file on-the-fly right from the user interface.
- Tablet control - Manage your video wall content and third-party devices using a familiar touchscreen device.
- Simplified user interface option - Set up "kiosk" mode in shared areas so users will only see the functions they need.

FLEXIBLE

Highly configurable, CineNet enhances your existing and future workflows without costly and time-consuming custom programming.

- Browser-based - Manage your video walls without having to install new software on your users' computers.
- Industry-leading web content streaming - Share multiple, concurrent web streams across your network in real-time using CineAgent.
- Control applications with soft KVM - Interact with content using CineNet's software-based keyboard and mouse controls.
- Access to all your content across your network - Encode your sources using a CineLink; once encoded they are available in CineNet as assets across your network.
- Pre-defined layouts - Save an unlimited number of layouts for future use by simply selecting "Save" and entering a name.



POWERFUL

Unique among video wall management systems, you can use CineNet to control third-party devices, create complex sequences of actions that will execute with the touch of a button, and even to stream your entire video wall in real-time across your network.

- On-screen device control - Control third-party devices like speakers, cable tuners, and video cameras directly from CineNet.
- Customize interface for your users - Create behaviors to run complex, multi-step tasks with the touch of a button. Schedule the initiation of behaviors by the day, hour, and minute in your local time zone. Configure user dashboards to meet the needs of their specific roles.
- Advanced content management - Use features like automated layout sequencing, annotations, image scaling and cropping, content borders, animated transitions, window rotation, opacity, z-ordering of assets, and background management.
- Real-time video wall streaming and management - Select live mode to display and take advantage of all the editing features in a real-time, pixel-perfect view of your entire video wall within the CineNet interface.

SECURE

In today's environment of advanced threats, set your mind at ease with advanced encryption. Exercise precise control over user permissions, dictating the content and actions that each user role can see.

- Granular permission setting - Define exactly what each user group can access, restricting users from specific content, rooms, connected devices, pre-defined layouts, and more.
- Secure your data with TLS 1.2 encryption. For additional layers of security, you can fine-tune user permissions and even restrict the user interface for designated users to one or a few simple functions.
- Simplified user interface - Configure CineNet so that users' view is limited to only the functions they need. They will not see sensitive content or devices to which they should not have access.
- Single Sign-On (SSO) - Utilize SSO to integrate CineNet into your organization's existing IT security infrastructure, ensuring strong passwords and forcing regular password updates. System administrators can also configure their own SSO settings using the CineNet UI.

Will CineNet meet your organization's needs?

Since CineNet is highly configurable, easy to use, and has a powerful feature set, it meets the needs of organizations across a variety of industries. Below are some of the common needs of our customers and a few examples of how CineNet addresses them.



SITUATIONAL AWARENESS AND RESPONSE

In the world of network and security operations, control rooms, command centers, and other environments performing real-time monitoring and analysis of multiple video streams and other data, CineNet facilitates the selection, control, and display of content.

- Automated layout sequencing and scheduling
- IP-based content streaming
- Device control including custom devices
- Multiple video wall support
- Mirrored displays for total redundancy
- Merged processor displays for fault-tolerance and scalability
- Merged displays for scaling to the largest displays

REAL-TIME COLLABORATION

In many organizations, visual information must be shared in order to present various types of data, perform analysis, and make well-informed decisions. CineNet includes many features that enable our customers to meet this need.

- Access to all your web and locally installed content across your network
- Content annotations
- Desktop streaming
- Advanced content management.

SECURE OPERATIONS

Given today's environment of both external and internal malicious actors, many organizations prioritize security when evaluating systems. The advanced security features included in CineNet make this decision easy.

- TLS 1.2 encryption
- Granular permission setting
- Single Sign-On
- Manual and automated back-ups
- Tight integration with CineMassive ecosystem



CineNet

Since CineNet is highly configurable, easy to use, and has a powerful feature set, it meets the needs of organizations across a variety of industries. Below are some of the common needs of our customers and a few examples of how CineNet addresses them.

REDUCED COMPLEXITY FOR USERS

A primary goal of many organizations is to maximize employee productivity by eliminating unnecessarily complex systems and administrative overhead. Designed with the end-user in mind, CineNet provides a simple, intuitive interface for infrequent users.

- Short learning curve
- Familiar tablet control
- Simplified user interface option
- Pre-configured macros
- Browser-based user interface

BRAND AWARENESS AND ENGAGEMENT

Displaying your organization's branded content in a larger-than-life format on video walls makes an important statement about your brand to customers, prospects, partners, and employees.

- Real-time wall view from remote locations
- Text overlays and content borders
- Media upload, storage and playback
- Window layering and opacity

FUTURE-PROOF

CineNet is designed to allow you to adjust to operational changes, ensuring that today's investment meets your requirements years into the future.

- Configurable behaviors and dashboards
- Unlimited layouts
- Continuous development
- Simple, one-time licensing
- Robust performance
- IPv6 support for the latest Internet protocol

ADVANCED CONTROL

CINEAGENT SUPPORT*	Stream and gain full KVM control of web and locally installed applications.
DEVICE CONTROL INCLUDING CUSTOM DEVICES*	Control third-party devices with on-screen remote controls without requiring custom programming.
BEHAVIORS	Initiate and schedule a series of tasks that will be completed with one touch. Includes third-party device setup.
PAUSE, RESUME, AND MANUALLY ADVANCE BEHAVIORS	Pause, resume execution, and manually advance through behaviors during execution.

CONTENT MANAGEMENT

ANNOTATIONS	Add lines, shapes, freestyle drawing, and text to the wall.
ASSET GROUPING	Group multiple assets frequently used together into a single asset.
BACKGROUND MANAGEMENT	Create custom backgrounds with any content.
CLOCKS	Add and edit clocks from time zones around the world, and choose display format and colors.
CONTENT BORDERS	Add borders to content and control the thickness and color of the borders.
LAYOUT SEQUENCING	Revolve automatically through content layouts in a specified order and with defined delays.
MEDIA UPLOAD, STORAGE, AND PLAYBACK	Add video and image files from the user interface to be available for display on the canvas.
SCALING, ZOOMING, CROPPING, AND ROTATING	Resize content and display only area of interest or rotate content in 90 degree increments.
TEXT OVERLAYS	Add text to content or content groups.
UNLIMITED LAYOUTS	Define as many wall presets as needed, including custom naming.
Z-ORDERING OF ASSETS (LAYERING)	Right click an overlapping asset and choose one of four ordering options - send backwards, forwards, back, or front.

DISPLAY MANAGEMENT

MERGED DISPLAYS	Combine displays from the same Alpha FX processor into one, large canvas.
MERGED PROCESSOR DISPLAYS	Combine the processing power from multiple Alpha FX processors into one, large canvas.
MIRRORED DISPLAYS	Stream identical content to two displays. Keep one active and the other as a hot backup.

INPUTS

BACKUP AND RESTORE	Back up data at standard intervals or ad hoc as needed. Restore with a previous version of stored data.
BROWSER-BASED USER INTERFACE	Provide CineNet access to all users on the network without requiring installation on their computer.
CONTROL OF CINENET FROM OTHER APPLICATIONS VIA REST API	Control CineNet functions via other applications using REST API.
DRAG & DROP CONTENT PLACEMENT	Drag any content source to any display.
MULTI-VIDEO WALL SUPPORT	Control multiple video walls and auxiliary displays with a single version of CineNet and a single processor.
SNAP TO GRID	Sub-divide displays into grids and snap content to these grids.
SOFT KVM	Control IP-based applications with a mouse and keyboard.

*Additional charges apply

PRESENTATION

DESKTOP STREAMING	Add user's desktop (with or without Internet access) or single application to CineNet for display on video wall, while retaining keyboard and mouse control.
INPUT ENCODING	Share any input asset connected to an Alpha FX processor across your network without the need for a separate CineLink encoder.
IP-BASED STREAMING	Stream RTSP and other IP video streams.
KIOSK VIEW	Set up streamlined interfaces for designated users so they see a simplified and restricted control screen.
LIVE MODE	View exact content that line-of-sight viewers of video wall see in real-time from the CineNet user interface. Take advantage of all of the video wall editing features in the CineNet UI (i.e., annotate, move, resize, add, remove, and z-ordering).
LIVE PREVIEW	Preview thumbnails of video wall content.
TRANSITIONS	Select animation behavior when content is added to and/or removed from the canvas.

SECURITY

SINGLE-SIGN ON*	Authenticate CineNet sessions with users' organization credentials, providing them seamless and secure access. Administer SSO settings using the CineNet UI.
TLS 1.2 ENCRYPTION	Encrypt CineNet transactions for security purposes.
USERS AND GROUP PERMISSIONING	Define what functions each user group can access and the users in each group.

SYSTEM DESIGN

IPV6 COMPATIBILITY	Align your video wall technology with your organization's IPv6 plans.
--------------------	---

*Additional charges apply



READY TO GET STARTED?

Speak to one of our experts.

[CONSULT WITH AN EXPERT](#)

HAIVISION IS TRUSTED BY ORGANIZATIONS WORLDWIDE



SCHEDULE A LIVE DEMO

1.844.891.6090

sales@haivisionmcs.com

GSA Schedule GS-35F-0537U