

**DATASHEET**

# Easily Access and Manage Unlimited Cameras Using a Web Browser

**Hitachi Video Management Software (HVMS) is an elegant, intuitive, secure and lightweight video solution that allows remote access to live and recorded video using a web browser interface.**

## Leverage Existing Infrastructure To Reduce IT, Hardware and Licensing Costs

Traditionally, video surveillance was captured by analog cameras and sent directly to videocassette recorders (VCRs). In the digital era, video from hundreds or even thousands of networked cameras is transported over IP networks, where it can be monitored and stored in databases. Organizations such as municipalities, retail stores, industrial and energy facilities, transportation hubs, educational institutions, hospitals and others use network video software to enhance security. Additionally, some organizations combine these systems with video analytics to increase operational efficiency and deliver key insights.

The problem with many of these large-network camera software options is that they've been designed with too much complexity and are difficult to manage. Many enterprises and organizations struggle to effectively access and manage their video software — especially at scale. This limits their ability

to efficiently use this software and gain the full value from their investments. What they need is a single, lightweight and elegant interface that enables the viewing of live and recorded video simultaneously, accessible for any location, from any device, at any time.

Hitachi Video Management Software (HVMS) simplifies video management with a secure, cloud-ready solution that can be easily accessed on any device using an intuitive browser-based interface (see Figure 1). The HVMS base is the modular foundation, which can be deployed for up to 32 cameras and can run locally on embedded or traditional hardware, or centrally in cloud environments or data centers. HVMS federates these local HVMS base instances and can scale to an unlimited number of cameras, enabling centralized management and administration. It supports a flexible, open and secure system architecture, which is compatible with multiple operating systems, hardware platforms and IP cameras, adapting to existing infrastructure and reducing costs.

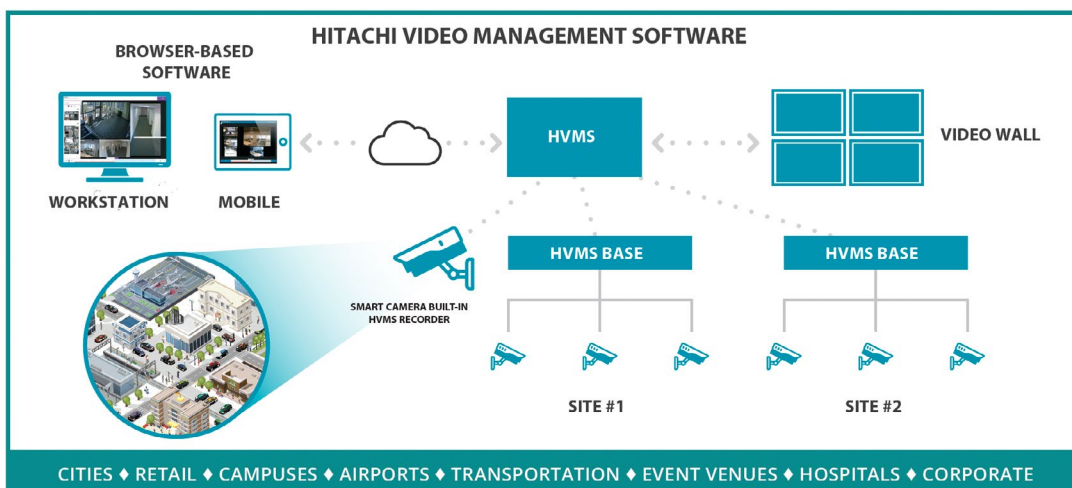


Figure 1. HVMS simplifies video management with on-premises streaming and playback, as well as cloud functionality for use with any device.

## Video From Anywhere, Accessible Everywhere

HVMS eases the administration of camera software for many organizations with an easy-to-use video management software (VMS). IT managers can access and administer video from any web-enabled device, at any time and from any location. And the software's scalability supports multiple servers, sites and cameras, making it an ideal solution for organizations with video surveillance.

## Video Management for Retailers

Retail organizations became early adopters of video software to prevent loss and improve security. With HVMS, retailers can increase their value to customers and investors by identifying shrink and stock issues through visualization of the sales floor. Retailers can also use HVMS to gain valuable consumer behavior insights that can drive additional sales.

## Video Management for Education

Hitachi Video Management Software is ideal for multicampus applications, including K-12 schools and universities. The solution simplifies around-the-clock monitoring of facilities and students with automated processes, as well as the ability to rapidly review recorded incidents. HVMS accommodates large school districts that require thousands of cameras, enables central management, and works with existing cameras to reduce costs. Its open architecture allows schools to extend the value of their IT and video investments.

## Transform Video Management

Video cameras are widely used in today's connected world, but many organizations lack the means to effectively manage multiple cameras across multiple locations. Hitachi Video Management Software gives IT managers the tools they need to simplify the management of hundreds or thousands of video cameras from their workstations or mobile devices.

The solution enhances the value of existing video and IT investments with innovative features that improve efficiency, accessibility, adaptability, scalability and security to simplify operations, save time and lower costs. Hitachi Vantara also offers smart cameras with HVMS on board that can be set up quickly to stream live, record, play back and export video. With HVMS, retailers and school campuses can better protect their environments today and in the future — and gain additional insights from their data that improve operations and services.

## Innovative Features Streamline Video Management

**Hitachi Video Management Software includes the features retailers and campuses need to improve management efficiency, ensure security and maximize the value of network video software.**

- **Easy to use:** Simple, yet sophisticated web browser with touch-capable user interface installs in seconds, streamlines daily video management and provides the same user experience on both workstations and mobile devices.
- **Efficient:** Includes time-saving features, such as camera auto-discovery and configuration, advanced capture engine that provides redundant edge recording, bulk camera registration and intelligent camera search.
- **Accessible:** Native user interface support on all operating systems, including lightweight viewing platforms like Chromebook, Chromebit and SBC devices.
- **Adaptable:** Runs through centralized architecture or on premises, ONVIF standards support a broad range of IP cameras and Open RESTful API enables third-party application integration.
- **Scalable:** For organizations with multiple facilities, HVMS can be extended to unlimited locations, cameras and users, and distributed across an almost endless variety of servers and IoT devices.
- **Secure:** HVMS user interface and API are served via HTTPS, and streaming video uses RTSPS encryption via SRTP (RTSP video secured via TLS).
- **Cross-platform:** HVMS works with multiple operating systems, including Microsoft Windows 7-10, Windows Servers 2008 R2-2016, Red Hat Enterprise, Linux 7, Ubuntu 14.04 and 16.04, and various embedded Linux distributions.

## Take the Next Step

To learn more about Hitachi Video Management Software, visit our [website](#) or send us an [email](#). We'd be happy to discuss its benefits for your organization.

## Hitachi Vantara

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