

## Cisco Video Surveillance Manager Release 4.0/6.0

PB492028

Cisco offers network-centric video surveillance software and hardware that supports video transmission, monitoring, recording, and management. Cisco video surveillance solutions work in unison with the advanced features and functions of the IP network infrastructure—switches, routers, and other network security devices—to enable secure, policy-based access to live or recorded video. With support for many surveillance cameras, encoders, and applications, Cisco video surveillance solutions allow customers to build best-in-class video surveillance systems that optimize cost, performance, and capability.

The Cisco Video Surveillance Manager consists of the following products:

- **Cisco Video Surveillance Media Server:** The core component of the Cisco Video Surveillance Software Suite, the Media Server enables the collection and routing of video from a wide range of cameras; event-tagging, record-on-motion, and recording of video for review and archive; secure local, remote, and redundant video archive capabilities; and bandwidth management for both live distribution and historical recording.
- **Cisco Video Surveillance Operations Manager:** Allows organizations to quickly and effectively configure and manage video throughout the enterprise. The Operations Manager provides a secure web portal to configure, manage, display, and control video throughout an IP network, and the ability to manage a large number of security assets and users, including Media Server instances, cameras, encoders, DVRs, and event sources, as well as digital monitors powered by Virtual Matrix.
- **Cisco Video Surveillance Virtual Matrix:** Brings complete flexibility to the delivery of live and recorded video to demanding command centers, providing high-availability access to network video for continuous monitoring applications. Virtual Matrix provides capabilities that analog switches cannot deliver, such as aggregation and display of video from the Media Server platform on almost any number of digital monitors distributed across the IP network. Authorized users and integrated applications control the video that is displayed on any number of digital monitors.
- **Cisco Video Surveillance Encoding Server:** An all-in-one appliance that encodes, distributes, manages, and archives digital video feeds. Each server encodes up to 64 channels and provides up to 24 TB of storage. The Encoding Server offers the power and flexibility to meet a diverse range of video surveillance requirements and is cost-effective and simple to install. It lets you combine multiple video codecs in a single Encoding Server, manage bandwidth over each part of an IT network to complement capacity and protect other applications, and create redundant archives of events or loops and automatically store them in a secure location. With the addition of the Cisco Video Surveillance Operations Manager, the Encoding Server also provides administrators and operators with a secure Web portal to configure, manage, display, and control video.

## New Features

New features in Cisco Video Surveillance Media Server include the following:

- Standards-based streaming: Enhancements to outbound streaming, including support of RTP/RTSP
- New archiving system: Increased efficiency, flexibility, and performance for recording
- Record-on-motion and record-on-event: Record only when you want to across all stream formats
- Legacy DVR integration: Pull live streams and recorded video from legacy Pelco Endura and Nice DVRs
- New codec support: Support for H.264 devices from Cisco, Sony, and AXIS
- Improved MPEG-4 performance: Smoothly rewind MPEG-4 archives; faster start-up times
- Additional supported encoders and IP cameras:
  - AXIS Communications: P3301, Q7401, 211M, 209M, 216M, 247
  - IQEye: Completed support for 5xx, 7xx, and 8xx series cameras
  - Panasonic: 302, 304, 954
  - Sony DM110, DS10
- Additional supported analog PTZ cameras:
  - Panasonic 964

New features in Cisco Video Surveillance Operations Manager include the following:

- Record-on-motion and record-on-event: Supports flexible recording features
- New motion configuration GUI: Simplified motion configuration for many devices
- New codec support: Support for H.264 devices from Cisco, Sony, and AXIS
- Legacy DVR integration: Pull live streams and recorded video from legacy Pelco Endura and Nice DVRs
- New device drivers

New features in Cisco Video Surveillance Virtual Matrix include a variety of client performance enhancements and internal upgrades to make it compatible with the Media Server Client.

## Upgrade Paths

Typically, upgrading from previous releases of Video Surveillance Manager products is supported without loss of video data or configurations. Older releases may require special steps. If you require assistance, visit [www.cisco.com/support](http://www.cisco.com/support) and open a case.

To upgrade the following legacy products, follow the upgrade instructions that you can download with the product:

- BroadWare Media Server (BMS) to Cisco Video Surveillance Media Server
- BroadWare Application Server (BAS) to Cisco Video Surveillance Operations Manager
- BroadWare Command Server (BCS) to Cisco Video Surveillance Virtual Matrix

## Availability

Cisco Video Surveillance Manager products are available for order beginning on September 17, 2008.

## Ordering Information

To place an order, visit the Cisco Ordering Home Page. To download software, visit the Cisco Software Center. Table 1 provides ordering information for Video Surveillance Manager software. Table 2 provides ordering information for Video Surveillance Manager hardware.

Be aware of the following guidelines:

- When ordering the Media Server software, you must order the base software (CIVS-MS-SW6.0) and one channel license for each camera that the software will control (CIVS-MS-1SCFL).
- When ordering the Virtual Matrix software, you must order the base software (CIVS-VM-SW6.0) and one channel license for each client monitor that the software will control (CIVS-VM-1DFL).
- When ordering hardware, at least one of the software items must also be ordered.

**Table 1.** Software Ordering Information

Product Description	Part Number
Cisco Video Surveillance Media Server	CIVS-MS-SW6.0
Cisco Video Surveillance Media Server Channel License	CIVS-MS-1SCFL
Cisco Video Surveillance Operations Manager	CIVS-OM-SW4.0
Cisco Video Surveillance Virtual Matrix	CIVS-VM-SW6.0
Cisco Video Surveillance Virtual Matrix Channel License	CIVS-VM-1DFL

## Hardware Ordering Information

Hardware information is available in the Cisco Physical Security Multiservices Platform data sheet.

## Services and Support

Cisco and our certified partners can help you accelerate success and improve the return on your investment in a Cisco Physical Security Solution. The Cisco lifecycle approach to services defines the requisite activities at each phase of the solution lifecycle:

- Reduce deployment costs by identifying the features that will best meet your business requirements
- Accelerate migration by assessing the readiness of your network to support the system and by developing a sound design
- Support smooth implementation through effective planning and expert installation, configuration, and integration
- Increase operational efficiency and extend the value of your investment with award-winning technical support

For more information about Cisco services, visit <http://www.cisco.com/go/services>.

## For More Information

For more information about the Cisco Video Surveillance Manager, visit <http://www.cisco.com/go/physicalsecurity> or contact your account representative.



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Printed in USA

C25-492028-00 08/08