

## Cisco Video Surveillance Manager Release 3.1/5.1

PB457325

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 third-party video 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, it enables the collection and routing of video from a wide range of third-party cameras; event-tagging and recording of video for review and archive; secure local, remote, and redundant video archive capabilities; and bandwidth management over LANs and WANs.
- **Cisco Video Surveillance Operations Manager:** Allows organizations to quickly and effectively configure and manage video throughout the enterprise. It provides multiple Web-based consoles to configure, manage, display, and control video throughout an IP network, and the ability to manage a large number of Cisco Video Surveillance Media Servers, virtual matrixes, cameras, and users.
- **Cisco Video Surveillance Virtual Matrix:** Allows authorized security managers and operators to select and control the video that is displayed on any number of digital monitors on a local and remote basis. The software also permits integrated security applications to control video displays. It uses an IP network to provide aggregation and transmission of video from cameras and recording platforms, offering capabilities that analog switches cannot deliver. The 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.
- **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 12 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 Web-based consoles to configure, manage, display, and control video.

## New Features

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

- Pan/tilt/zoom (PTZ) enhancements
- Reduction in PTZ command latency
- Driver updates to reduce camera and encoder overhead when processing PTZ commands
- Additional supported devices:
  - AXIS 223M support
  - Bosch X10/20/40 series encoder support
  - Panasonic NP-1004 addition of 960 x 720 and 1280 x 960 resolutions
  - Pelco IP110 Camera and Net53xx Encoder support
  - Optelecom C20 and C40 support, including audio
  - Teleste MPC Encoder PAL support

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

- New Group Management module allows drag-and-drop assignment of camera groups and bulk editing of camera details
- New public database views for use by integrators and third-party software
- SmartSearch, which provides a live and recorded video searching utility
- 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 Cisco Video Surveillance Manager products is supported without loss of video data or configurations. Older releases may require special steps. If you require assistance, visit [Cisco Technical Support Services](#).

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 February 18, 2008. Domestic shipments begin on February 21, 2008, and international shipments begin on March 7, 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 Cisco Video Surveillance Manager software. Table 2 provides ordering information for Video Surveillance Manager hardware.

Be aware of the following guidelines:

- When ordering the Cisco Video Surveillance Media Server software, you must order the base software (CIVS-MS-SW5.1) and one channel license for each camera that the software will control (CIVS-MS-1SCFL).
- When ordering the Cisco Video Surveillance Virtual Matrix software, you must order the base software (CIVS-VM-SW5.1) 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-SW5.1
Cisco Video Surveillance Media Server Channel License	CIVS-MS-1SCFL
Cisco Video Surveillance Operations Manager	CIVS-OM-SW3.1
Cisco Video Surveillance Virtual Matrix	CIVS-VM-SW5.1
Cisco Video Surveillance Virtual Matrix Channel License	CIVS-VM-1DFL

**Table 2.** Hardware Ordering Information

Product Description	Part Number
<b>Servers with Internal Storage</b>	
Cisco Video Surveillance Media Server, 1 RU, 1 x 500 GB	CIVS-MS1R-500
Cisco Video Surveillance Media Server, 1 RU, 3 x 500 GB	CIVS-MS1R-1500
Cisco Video Surveillance Media Server, 1 RU, 3 x 750 GB	CIVS-MS1R-2250
Cisco Video Surveillance Media Server, 1 RU, 3 x 1000 GB	CIVS-MS1R-3000
Cisco Video Surveillance Media Server, 2 RU, 6 x 500 GB	CIVS-MS2R-3000
Cisco Video Surveillance Media Server, 2 RU, 6 x 750 GB	CIVS-MS2R-4500
Cisco Video Surveillance Media Server, 2 RU, 6 x 1000 GB	CIVS-MS2R-6000
Cisco Video Surveillance Media Server, 3 RU, 12 x 500 GB	CIVS-MS3R-6000
Cisco Video Surveillance Media Server, 3 RU, 12 x 750 GB	CIVS-MS3R-9000
Cisco Video Surveillance Media Server, 3 RU, 12 x 1000 GB	CIVS-MS3R-12000
Cisco Video Surveillance Media Server, 5 RU, 24 x 750 GB	CIVS-MS5R-18000
Cisco Video Surveillance Media Server, 5 RU, 24 x 1000 GB	CIVS-MS5R-24000
<b>Server for Use with Attached Storage Arrays</b>	
Cisco Video Surveillance Media Server, 1 RU, 1 x 500 GB, Fibre Channel	CIVS-MS1R-500FC
<b>Storage Arrays</b>	
Cisco Video Surveillance 3-RU Storage System with 8 x 500-GB drives	CIVS-SS-3U-4000
Cisco Video Surveillance 3-RU Storage System with 8 x 750-GB drives	CIVS-SS-3U-6000
Cisco Video Surveillance 3-RU Storage System with 14 x 500-GB drives	CIVS-SS-3U-7000
Cisco Video Surveillance 3-RU Storage System with 14 x 750-GB drives	CIVS-SS-3U-10500
Cisco Video Surveillance 4-RU Storage System with 28 x 500-GB drives	CIVS-SS-4U-14000
Cisco Video Surveillance 4-RU Storage System with 42 x 500-GB drives	CIVS-SS-4U-21000
Cisco Video Surveillance 4-RU Storage System with 28 x 1000-GB drives	CIVS-SS-4U-28000
Cisco Video Surveillance 4-RU Storage System with 42 x 750-GB drives	CIVS-SS-4U-31500
Cisco Video Surveillance 4-RU Storage System with 42 x 1000-GB drives	CIVS-SS-4U-42000

Product Description	Part Number
<b>Encoding Servers</b>	
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, video only	CIVS-ES-16-VO
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, 3 x 500 GB	CIVS-ES-16-1500
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, 7 x 500 GB	CIVS-ES-16-3500
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, 12 x 500 GB	CIVS-ES-16-6000
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, 12 x 750 GB	CIVS-ES-16-9000
Cisco Video Surveillance Encoding Server: 3 RU, 16 channels, 12 x 1000 GB	CIVS-ES-16-12000
Cisco Video Surveillance Encoding Server: 3 RU, 32 channels, video only	CIVS-ES-32-VO
Cisco Video Surveillance Encoding Server: 3 RU, 32 channels, 12 x 500 GB	CIVS-ES-32-6000
Cisco Video Surveillance Encoding Server: 3 RU, 32 channels, 12 x 750 GB	CIVS-ES-32-9000
Cisco Video Surveillance Encoding Server: 3 RU, 32 channels, 12 x 1000 GB	CIVS-ES-32-12000
Cisco Video Surveillance Encoding Server: 3 RU, 48 channels, video only	CIVS-ES-48-VO
Cisco Video Surveillance Encoding Server: 3 RU, 48 channels, 12 x 500 GB	CIVS-ES-48-6000
Cisco Video Surveillance Encoding Server: 3 RU, 48 channels, 12 x 750 GB	CIVS-ES-48-9000
Cisco Video Surveillance Encoding Server: 3 RU, 48 channels, 12 x 1000 GB	CIVS-ES-48-12000
Cisco Video Surveillance Encoding Server: 3 RU, 64 channels, video only	CIVS-ES-64-VO
Cisco Video Surveillance Encoding Server: 3 RU, 64 channels, 12 x 500 GB	CIVS-ES-64-6000
Cisco Video Surveillance Encoding Server: 3 RU, 64 channels, 12 x 750 GB	CIVS-ES-64-9000
Cisco Video Surveillance Encoding Server: 3 RU, 64 channels, 12 x 1000 GB	CIVS-ES-64-12000

## Service and Support

For information about the services that are available to support your Cisco video surveillance products, contact your Cisco authorized reseller.

## For More Information

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



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Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

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