

New and Expanded Tools for Network-Centric Video Surveillance

PB437497

Cisco® Video Surveillance Manager now includes Web-based management functionality acquired from the BroadWare line of products. Cisco video surveillance solutions enable secure, policy-based access to live or recorded video. This network-centric software and hardware works in unison with the advanced switches, routers, and other network security devices of the IP network infrastructure to support video transmission, monitoring, recording, and management. With support for many third-party video surveillance cameras, encoders, and applications, Cisco video surveillance solutions allow you to build video surveillance systems for the best cost, performance, and capability.

Cisco Video Surveillance Manager consists of four products:

- Cisco Video Surveillance Media Server: Enables collection and routing of video from a wide range of third-party cameras, event-tagging and recording of video, flexible and redundant video archiving, and bandwidth management over LANs and WANs.
- Cisco Video Surveillance Operations Manager: Allows you to quickly and effectively configure and manage video throughout the enterprise. It provides Web-based consoles to configure, manage, display, and control video throughout an IP network, and it enables you to manage a large number of Cisco Video Surveillance Media Servers, virtual matrixes, cameras, and users.
- Cisco Video Surveillance Virtual Matrix: Allows you to select and control the video displayed on any number of local and remote monitors. It also permits integrated security applications to control video displays. It aggregates and transmits video from cameras and recording platforms over an IP network, offering capabilities that analog switches cannot deliver. It delivers live and recorded video to demanding command centers with great flexibility, providing high-availability access to network video for continuous monitoring applications.
- Cisco Video Surveillance Encoding Server: Encodes, distributes, manages, and archives digital video feeds in one multifunction appliance. Each server encodes up to 64 channels, provides up to 12 terabytes of storage, and enables you to meet a diverse range of video surveillance requirements. It lets you combine multiple video codecs, manage bandwidth over each part of the network to complement capacity and protect other applications, and create redundant archives for highly secure, automated storage. With the Cisco Video Surveillance Operations Manager, it also provides Web-based consoles to configure, manage, display, and control video.

New Features

Cisco Video Surveillance Manager includes the following new features:

- **High Availability:** Supports redundancy configurations including simple failover, clustering, and complex high-availability scenarios.
- **Standard Diagnostic Tools:** Notification and API support for archive and proxy failures and other host status such as CPU and network using Simple Network Management Protocol (SNMP).
- **Backup Restore:** Backup configurations for cameras, encoders, archives, and events for quick and easy server recovery.
- **Extended Server Platform:** Native code support for 64-bit chip architecture and operating system SuSE and RedHat Linux.
- **Wireless Platform Integration:** Embedded as a component of the Cisco 3200 Series Mobile Access Router.
- **Scheduling Enhancements:** Control camera PTZ movements based on a recurring or one-time schedule.
- **Bulk Updates:** One-click Server Sync, for managing existing Media Server systems with a click of a button, and Spreadsheet Import, for importing configuration data from a spreadsheet.
- **Video Player Enhancements:** Instant Replay, for pausing live video and replay, Digital Zoom, for zooming on live or archived video, and Advanced Video Adjustments for dynamically adjusting hue, saturation, contrast, and brightness.
- **Repeat Segment Playback:** Define a time segment in an archive for repeated playback.
- **Limited Integration with Sony joystick-keyboard:** Provides basic control of digital monitors.
- **Operator Defined Views:** Choose the layout for a new view, populate it with camera feeds and archives, then give it a name.

Upgrade Paths

Typically, upgrading from previous releases of Cisco Video Surveillance Manager products is supported without loss of video data or configurations. Older releases (formerly BroadWare) may require special steps. If you require assistance, contact support@broadware.com and open a case.

To upgrade the following BroadWare 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.

BroadWare Encoding Server (BES) cannot be upgraded to Cisco Video Surveillance Encoding Server because it is a hardware platform. However, you can upgrade BMS to Cisco Video Surveillance Media Server on the BES.

Availability

Cisco Video Surveillance Manager products are available for order beginning on September 28, 2007. Shipments begin on October 26, 2007.

Ordering Information

To place an order, visit the Cisco Ordering Home Page. To download software, visit <http://www.broadware.com/dev>. You must log in to access files for download. Send e-mail to support@broadware.com to obtain your log in information.

Table 1 provides ordering information for Cisco Video Surveillance Manager software products. Table 2 provides ordering information for Cisco Video Surveillance Manager hardware.

Be aware of the following guidelines:

- When ordering the Media Server software, you must order the base software plus one channel license for each camera that the software will control.
- When ordering the Virtual Matrix software, you must order the base software plus one channel license for each client monitor that the software will control.
- 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-SW5.0 |
| Cisco Video Surveillance Media Server Channel License | CIVS-MS-1SCFL |
| Cisco Video Surveillance Operations Manager | CIVS-OM-SW3.0 |
| Cisco Video Surveillance Virtual Matrix | CIVS-VM-SW5.0 |
| Cisco Video Surveillance Virtual Matrix Channel License | CIVS-VM-1DFL |

Table 2. Hardware Ordering Information

| Product Description | Part Number |
|--|-----------------|
| Servers with Internal Storage | |
| Cisco VS Media Server, 1 RU, 1 x 500 GB | CIVS-MS1R-500 |
| Cisco VS Media Server, 1 RU, 3 x 500 GB | CIVS-MS1R-1500 |
| Cisco VS Media Server, 1 RU, 3 x 750 GB | CIVS-MS1R-2250 |
| Cisco VS Media Server, 1 RU, 3 x 1000 GB | CIVS-MS1R-3000 |
| Cisco VS Media Server, 2 RU, 6 x 500 GB | CIVS-MS2R-3000 |
| Cisco VS Media Server, 2 RU, 6 x 750 GB | CIVS-MS2R-4500 |
| Cisco VS Media Server, 2 RU, 6 x 1000 GB | CIVS-MS2R-6000 |
| Cisco VS Media Server, 3 RU, 12 x 500 GB | CIVS-MS3R-6000 |
| Cisco VS Media Server, 3 RU, 12 x 750 GB | CIVS-MS3R-9000 |
| Cisco VS Media Server, 3 RU, 12 x 1000 GB | CIVS-MS3R-12000 |
| Cisco VS Media Server, 5 RU, 24 x 750 GB | CIVS-MS5R-18000 |
| Cisco VS Media Server, 5 RU, 24 x 1000 GB | CIVS-MS5R-24000 |
| Server for Use with Attached Storage Arrays | |
| Cisco VS Media Server, 1 RU, 1 x 500 GB, Fibre Channel | CIVS-MS1R-500FC |
| Storage Arrays | |
| Cisco VS 3U Storage System with 8 x 500 GB Drives | CIVS-SS-3U-4000 |
| Cisco VS 3U Storage System with 8 x 750 GB Drives | CIVS-SS-3U-6000 |

| Product Description | Part Number |
|--|------------------|
| Cisco VS 3U Storage System with 14 x 500 GB Drives | CIVS-SS-3U-7000 |
| Cisco VS 3U Storage System with 14 x 750 GB Drives | CIVS-SS-3U-10500 |
| Cisco VS 4U Storage System with 28 x 500 GB Drives | CIVS-SS-4U-14000 |
| Cisco VS 4U Storage System with 42 x 500 GB Drives | CIVS-SS-4U-21000 |
| Cisco VS 4U Storage System with 28 x 1000 GB Drives | CIVS-SS-4U-28000 |
| Cisco VS 4U Storage System with 42 x 750 GB Drives | CIVS-SS-4U-31500 |
| Cisco VS 4U Storage System with 42 x 1000 GB Drives | CIVS-SS-4U-42000 |
| Encoding Servers | |
| Cisco VS Encoding Server: 3U, 16 Channel, Video Only | CIVS-ES-16-VO |
| Cisco VS Encoding Server: 3U, 16 Channel, 3 x 500 GB | CIVS-ES-16-1500 |
| Cisco VS Encoding Server: 3U, 16 Channel, 7 x 500 GB | CIVS-ES-16-3500 |
| Cisco VS Encoding Server: 3U, 16 Channel, 12 x 500 GB | CIVS-ES-16-6000 |
| Cisco VS Encoding Server: 3U, 16 Channel, 12 x 750 GB | CIVS-ES-16-9000 |
| Cisco VS Encoding Server: 3U, 16 Channel, 12 x 1000 GB | CIVS-ES-16-12000 |
| Cisco VS Encoding Server: 3U, 32 Channel, Video Only | CIVS-ES-32-VO |
| Cisco VS Encoding Server: 3U, 32 Channel, 12 x 500 GB | CIVS-ES-32-6000 |
| Cisco VS Encoding Server: 3U, 32 Channel, 12 x 750 GB | CIVS-ES-32-9000 |
| Cisco VS Encoding Server: 3U, 32 Channel, 12 x 1000 GB | CIVS-ES-32-12000 |
| Cisco VS Encoding Server: 3U, 48 Channel, Video Only | CIVS-ES-48-VO |
| Cisco VS Encoding Server: 3U, 48 Channel, 12 x 500 GB | CIVS-ES-48-6000 |
| Cisco VS Encoding Server: 3U, 48 Channel, 12 x 750 GB | CIVS-ES-48-9000 |
| Cisco VS Encoding Server: 3U, 48 Channel, 12 x 1000 GB | CIVS-ES-48-12000 |
| Cisco VS Encoding Server: 3U, 64 Channel, Video Only | CIVS-ES-64-VO |
| Cisco VS Encoding Server: 3U, 64 Channel, 12 x 500 GB | CIVS-ES-64-6000 |
| Cisco VS Encoding Server: 3U, 64 Channel, 12 x 750 GB | CIVS-ES-64-9000 |
| Cisco VS Encoding Server: 3U, 64 Channel, 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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