

Cisco Video Surveillance Manager Release 4.2/6.2

PB 551113

Cisco offers network-centric video surveillance software and hardware that support 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 provides 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 the 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 of applications. The 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 32 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 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 Manager Release 4.2/6.2 include the following:

- **Video startup performance:** Reduces playback start-up time for multiple video streams by starting all streams in parallel.
- **Pelco D driver updates:** Adds support for PTZ patterns and on-screen programming (OSP).

- **Cisco high-definition IP camera driver updates:** Implements HTTPS for commands that are sent to configure Cisco Video Surveillance IP camera high-definition models.
- **Cisco standard-definition IP camera driver updates:** Supports existing firmware versions and the new firmware version that includes the Cisco Media API. The new firmware version enables event triggers and other features.
- **Seeking:** Improves seeking within archives.
- **Driver pack consolidation:** Consolidates driver packs for the following devices:
 - Cisco IP camera high-definition models
 - Cisco IP camera standard-definition models
 - Optelecom C-44 4-port encoder
 - Pelco Spectra IV IP PTZ dome camera
 - ICX serial driver
 - AXIS Q7406 6-port encoder blade
 - Sony SNC-DF85 network mini-dome camera

Upgrade Paths

Typically, you can upgrade from previous releases of Cisco Video Surveillance Manager products without loss of video data or configurations. Some releases may require special steps. For example, upgrading from Cisco Video Surveillance Manager Release 3.x/5.x to Cisco Video Surveillance Manager Release 4.2/6.2 may require you to clear repositories for new archive formats. In addition, be aware of the following guidelines:

- To upgrade from Cisco Video Surveillance Operations Manager 3.1.1, you must first upgrade to Cisco Video Surveillance Operations Manager 4.0, and then upgrade from 4.0 to 4.2.
- You can upgrade directly from Cisco Video Surveillance Media Server 5.1.1 to 6.2.

If you require assistance, visit 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 in July 2009.

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.

Be aware of the following guidelines:

- When ordering the Media Server software, you must order the base software (CIVS-MS-SW6.2) 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-SW6.2) 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-SW6.2 |
| Cisco Video Surveillance Media Server Channel License | CIVS-MS-1SCFL |
| Cisco Video Surveillance Operations Manager | CIVS-OM-SW4.2 |
| Cisco Video Surveillance Virtual Matrix | CIVS-VM-SW6.2 |
| 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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