

## Cisco TelePresence Recording Server

The Cisco TelePresence™ Recording Server transforms Cisco TelePresence into a high-definition recording studio. Using an intuitive user interface, you can create high-quality video to deliver rich, immersive messages immediately for internal and external communications such as training or crisis management. Distributing and viewing video content is easy, and you can replay recordings on Cisco TelePresence endpoints or on the web on standard browser-based players.

The recording capability creates a new category of experience for Cisco TelePresence technology that takes the solution well beyond meetings. Studio mode operation provides onscreen prompting and visual aids that make the recording experience comfortable and easy-to-use. Recorded content is ready for immediate playback, allowing you to review the recorded session upon completion and then distribute that content to the appropriate parties.

This innovative high-definition (HD) studio recording and distribution capability demonstrates the power of the underlying network, using network services such as built-in security, integration with call control, mobility, and Web 2.0 applications. It also showcases the power of high-quality video applications as flexibly as data or voice.

### Applications

Enterprises will benefit from the ability of Cisco TelePresence Recording Server to use existing Cisco TelePresence rooms as high-quality recording studios. Because Cisco TelePresence systems include the superior lighting, high-quality microphones, and HD 1080p cameras all packaged in a comfortable setting, you can create quality video recordings for any number of video-on-demand applications such as training, product launches, executive messaging, and corporate communications.

And because of the easy-to-use, intuitive IP phone interface used to create and distribute HD videos at the touch of a button, you need no training to take advantage of the new Cisco TelePresence Recording Server Studio features. As more enterprises look to video as the perfect medium for both real-time and non-real time communications, extending the use of Cisco TelePresence technology beyond just meetings creates tremendous productivity opportunities and extends the utility of a Cisco TelePresence deployment.

### Features and Benefits

The Cisco TelePresence Recording Server offers the following features and benefits:

- High-definition recording: Videos are recorded in H.264 1080p high definition for playback on any Cisco TelePresence system. You can immediately view recorded content or share recorded content with other users of Cisco TelePresence endpoints.
- Standard-definition (SD) recording: Videos are simultaneously recorded in standard definition for playback on standard browser-based video players such as Adobe Flash or Apple Quicktime.
- Autocollaboration support: You can record videos with full data presentations using the Cisco TelePresence Auto Collaborate channel to capture the PC presentation as a separate video stream. You can then play this stream back in concert with the high-definition video and audio to provide a fully synchronized presentation that is viewable with standard PC browser-based viewers.
- Easy-to-use controls: All user controls for the Cisco TelePresence Recording Server are incorporated into the Cisco TelePresence IP Phone interface. You can start, stop, pause, and play back recordings as well as sharing them through email messages.

- Onscreen prompting: You are prompted onscreen during the recording session with features such as self-view and data presentation displayed on the main monitor, allowing you to maintain eye contact with your virtual audience.
- Public and private recordings: Videos can be public or private. For private recordings you must enter a security pin, similar to voicemail, in order to create and view these recordings. You can share private recordings with people who would also be required to authenticate themselves before accessing the recording.
- Multiresolution recording.
- Synchronized data recording.
- Security.

## Product Specifications

Table 1 lists the specifications of Cisco TelePresence Recording Server.

**Table 1.** Specifications of Cisco TelePresence Recording Server

Specification	Description
<b>Product compatibility</b>	Cisco TelePresence Version 1.5.1 or later
<b>Software compatibility</b>	Cisco TelePresence System Software Version 1.5.1 or later
<b>Call signaling</b>	Session Initiation Protocol (SIP) trunk with Cisco® Unified Communications Manager Version 7.0 or later and IP Version 4 (IPv4)
<b>Media protocols</b>	Real-Time Control Protocol (RTCP) and Real-Time Transport Protocol (RTP), User Datagram Protocol (UDP), and IP Unicast
<b>Video protocols</b>	H.264 (MPEG 4 Part 10)
<b>Audio protocols</b>	AAC-LD, AAC-LC, G.711, and G.722
<b>Video resolution</b>	CIF, 720p, and 1080p
<b>Session capacity</b>	Up to 24 simultaneous 1080p recording or playback sessions
<b>Storage capacity</b>	Up to 300 hours of 1080p and CIF recordings
<b>Streaming video</b>	Support for HTTP streaming of recorded content using Adobe Flash
<b>Security features</b>	<ul style="list-style-type: none"> <li>• Integration with Active Directory through Lightweight Directory Access Protocol (LDAP) for access</li> <li>• Secure management through HTTPS</li> <li>• Password-protected conferences</li> </ul>

## System Hardware Specifications

The Cisco MCS 7845 Media Convergence Server is a high-availability server platform. It is an integral part of a complete, scalable architecture for a new generation of high-quality IP voice solutions that run on enterprise data networks. Delivering the high performance and availability demanded by today's enterprise networks, the Cisco MCS 7845 is an innovative, easy-to-deploy, and highly cost-effective solution. At only 2 rack units (2RUs) high, the server packs tremendous power in a low-profile chassis. It is used in a variety of Cisco Unified Communications applications. Table 2 lists the hardware specifications of the Cisco TelePresence Recording Server.

**Table 2.** System Hardware Specifications

Specification	Description
<b>Hardware</b>	Cisco MCS 7845 (Cisco MCS 7845-I3 for IBM) quad-core-processor server; Restriction of Hazardous Substances (RoHS)-compliant
<b>Connectivity</b>	Dual 1-Gb Ethernet network interfaces
<b>Power</b>	100 to 132 VAC (10A) and 200 to 240 VAC (6.1A); 50 to 60 Hz
<b>Reliability</b>	30,000 hours mean time between failure (MTBF) (estimated)
<b>Dimensions (H x W x D)</b>	3.38 x 17.54 x 26.01 in. (8.59 x 44.54 x 66.07 cm)
<b>Weight</b>	60 lb (27.22 kg)
<b>OS software</b>	Red Hat Linux AS 3
<b>Origin</b>	Manufactured in United States
<b>Hardware data sheet*</b>	<a href="http://www.cisco.com/en/US/prod/collateral/voicesw/ps6790/ps5748/ps378/product_data_sheet090aecd80587390.html">http://www.cisco.com/en/US/prod/collateral/voicesw/ps6790/ps5748/ps378/product_data_sheet090aecd80587390.html</a>

## Ordering Information

Table 3 lists ordering information for the Cisco TelePresence Recording Server.

**Table 3.** Ordering Information

Product Name	Part Number
<b>Cisco TelePresence Recording Server</b>	CTS-CTRS-1.7-K9
<b>Cisco CTRS Software License/Application</b>	LIC-CTS-CTRS
<b>Cisco MCS 7845-I3 Media Convergence Server (IBM)</b>	MCS-7845-I3-CTRS

## Cisco Services

Critical to delivering the innovative Cisco TelePresence experience are integrated lifecycle services delivered by Cisco and our certified partners. Designed specifically for multisite organizations, these services accelerate a successful deployment and deliver a high-quality, reliable, "in-person" Cisco TelePresence experience.

Initial Prepare, Plan, and Design services prepare your network and organization to deliver the expected consistent quality level of Cisco TelePresence experience. Operate services provide continued TelePresence experience in addition to peace of mind for your IT staff by increasing availability with critical day-2 maintenance support, remote monitoring and management, and remote assistance service. These services use a proven lifecycle services approach to deliver on a Cisco TelePresence experience.

## For More Information

For more information about the Cisco TelePresence Recording Server, visit <http://www.cisco.com/go/telepresence> or contact your local Cisco account representative or authorized Cisco partner.



**Americas Headquarters**  
Cisco Systems, Inc.  
San Jose, CA

**Asia Pacific Headquarters**  
Cisco Systems (USA) Pte. Ltd.  
Singapore

**Europe Headquarters**  
Cisco Systems International BV  
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