



Preface

Initial Release: May 5, 2008, OL-12586-02
Last Revised: August 4, 2008

General Description

The Cisco TelePresence Multipoint Switch (CTMS) is designed to support multipoint (multi-location) Cisco TelePresence meetings for up to 48 table segments (48 single-screen systems, 16 three-screen systems, or a mix of both) in a single meeting. [Table 1](#) summarizes some of the features of the CTMS:

Table 1 *CTMS Features*

Feature	Benefit
Scalability	CTMS is designed to support small workgroup applications to large Cisco TelePresence multipoint meetings. Up to 48 table segments are supported.
Simple scheduling and “one-button-to-push” dialing	CTMS and integration to Cisco TelePresence System Manager (CTS-Manager) allows scheduling through the enterprise calendar (for example, Microsoft Outlook) and easy one-button-to-push call launch for both point-to-point and multipoint meetings.
Scheduled and non-scheduled meeting support	During an active meeting, the conference manager can add another party using the CTMS Administration software.
Audio add-on	Audio only participants can be added to any multipoint meeting using the audio add-on feature supported by CTS endpoints.
Video switching	Voice-activated site and segment video switching supported.
Video announce	Upon joining the meeting, Cisco TelePresence rooms will be shown to all other rooms for two seconds. This prevents a muted room from joining without being noticed.
Comprehensive diagnostics	Diagnostics features include system status information, alarms, downloadable error logs and Simple Network Management Protocol (SNMP) support.
Call detail records	Call records provide meeting beginning and ending information as well as meeting participant details.

New in CTMS Release 1.1

Increase in the Number of Supported Segments

CTMS Release 1.1 now supports up to 48 table segments (48 single-screen systems, 16 three-screen systems, or a mix of both) in a single Cisco TelePresence conference.

Cisco TelePresence Interoperability With Legacy Video Conferencing Devices

Cisco TelePresence is based on open standards, including SIP, H.264, AAC-LD and G.711. With Cisco TelePresence System (CTS) Release 1.3 and CTMS Release 1.1, Cisco TelePresence now supports interoperability between Cisco TelePresence systems and traditional video conferencing/video telephony endpoints using the Cisco Unified Video Conferencing 3500 series MCU (CUVC).

System Requirements

- Cisco MCS-7845-H2 or MCS-7845-I2 Media Convergence Server
- Cisco TelePresence Manager, Release 1.3
- Cisco Unified Communications Manager (Unified CM), Release 6.0 or later
- Cisco TelePresence System software, Release 1.3
- CTS-1000 and/or CTS-3000 systems

CTMS Administration Guide Organization

The *CTMS Administration Guide* is organized into the following chapters:

- Chapter 1: “Using CTMS Administration Software”
This section provides information about the CTMS Administration software interface
- Chapter 2: “Configuring Cisco Unified Communications Manager for CTMS”
This section provides instructions on how to configure Cisco Unified Communications Manager (Unified CM) so that it supports CTMS functionality.
- Chapter 3: “Installing CTMS Administration Software”
This section describes how to install the CTMS administration software on the Cisco MCS-7800 Series Media Convergence Server.
- Chapter 4: “Configuring CTMS Administration Software”
This section provides information about configuring the initial CTMS system settings.
- Chapter 5: “Managing Meetings”
This section describes how to set up and administer static and ad hoc meetings using CTMS Administration software.
- Chapter 6: “Monitoring CTMS System Processes”
This section describes how to monitor the CTMS system processes using the tools available in CTMS.

- Chapter 7: “Troubleshooting the CTMS System”
This section describes how to view and categorize system error messages and alerts, and how to filter and download log files.
- Chapter 8: “Interoperability with Legacy Video Conferencing Devices”
This section describes how to configure settings in Unified CM ,CTMS and Cisco Unified Video Conferencing MCUs (CUVC) to support Cisco TelePresence Interoperability.
- Appendix A: “Command Line Interface (CLI) Commands:
This section includes CLI commands that can be used to configure CTMS.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

