Cisco TelePresence Conductor

Cisco TelePresence Conductor: Simple Natural Conferencing

Product Overview

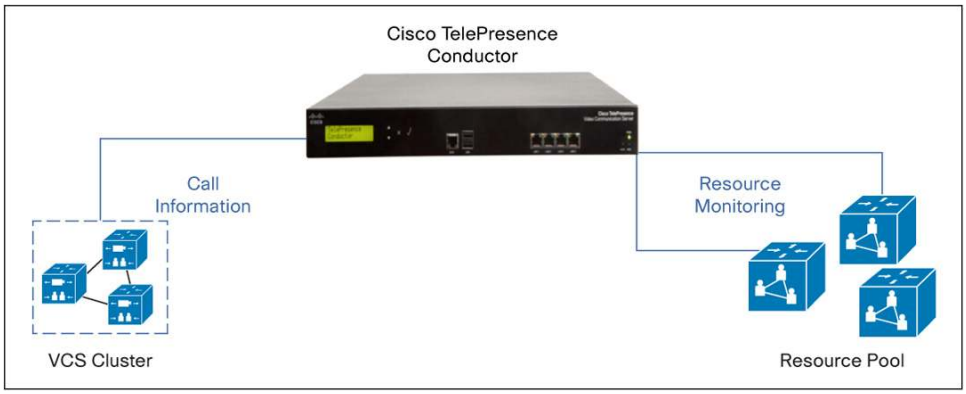
Figure 1. Cisco TelePresence Conductor

Cisco TelePresence® Conductor simplifies multiparty video communications, orchestrating the different resources needed for each conference as required. It allows the video network to be configured so that telepresence conferences may be easily provisioned, initiated, and accessed.

The Cisco TelePresence Conductor has knowledge of all available conferencing resources and their capabilities. It helps ensure intelligent conference placement and optimum resource utilization, and delivers powerful, comprehensive administrative control, making simple natural conferencing a reality.

Administrators can specify the exact service level and experience required for each user. For example, administrators can determine whether users enjoy standard or high-definition video, how many participants may connect, the language used for audio prompts, and even which Cisco TelePresence Multipoint Control Units (MCU) are selected according to geographic location. Figure 2 demonstrates how Cisco TelePresence Conductor works with the Cisco TelePresence Video Communication Server (VCS) and TelePresence Resources.

Figure 2. Cisco TelePresence Conductor, Cisco TelePresence Video Communication Server, and TelePresence Resource Pool



Features and Benefits

Benefits:

- Drives efficient use of valuable TelePresence resources
- Provides optimum conferencing resource utilization from desktop systems to immersive rooms
- Conference resources are pooled to help ensure maximum resource availability and utilization in either a distributed or centralized MCU deployment
- Scales from a small business to a large enterprise and will grow as utilization increases
- Allows conferences to dynamically grow and even exceed the capacity of individual MCUs
- Supports the industry-leading Cisco TelePresence MCUs as well as all Cisco and third-party standards compliant H.323, Session Initiation Protocol (SIP) and TelePresence Interoperability Protocol (TIP) endpoints
- Minimises the administration overhead of configuration of TelePresence conferences
- Supports spontaneous and rendezvous*, conferencing to help ensure that the user experience is intuitive and always consistent irrespective of user, meeting type, and endpoint
- Supports device clustering and provides load balancing across MCUs; taking an MCU or Conductor unit out of service will not impact service availability
- Conference virtualization - Cisco TelePresence Conductor will dynamically select the most appropriate Cisco TelePresence resources for each new conference
- Helps ensure that conferences are effectively delivered to maximize the value gained by each attendee
- Templates can be customized to define the exact characteristics of a conference, tailored for each conference participant; Cisco TelePresence Conductor handles the differing demands and differing service entitlements of conference attendees
- Supports Differentiated services: Powerful, comprehensive administrator controls manage different classes of conferences for different users
- Conference customization helps ensure the conferencing experience is tailored to meet each user's personal preferences for settings such as layout and PINs

*Often referred to as "MeetMe" conferences

Features

- Personalization: Configurable templates, aliases and classes of service
- Conference Modes supported:
  - Meeting: The conference has one type of participant, and all participants are given the same priority
  - Lecture: Two types of participants with different levels of priority; each participant type has a different alias to dial in to the conference
- Role configuration:
  - Chairperson, guest, participant
- Optional dynamic conference growth
- Conference template configuration
- Conference Status View
- Clustering - up to three Cisco TelePresence Conductor systems may be configured in a cluster
- Alarm View
- Event Log
- Configuration Backup and Restore

System Capacity

- 30 MCUs supported by one Cisco TelePresence Conductor appliance or Cisco TelePresence Conductor cluster
- Up to three Cisco TelePresence Conductor appliances can be supported in a Cisco TelePresence Conductor cluster

Table 1. Product Specifications

User interface	Web interface-supports Internet Explorer 7 and above, Firefox 2 and above
Supported Cisco TelePresence VCS versions	Supports Cisco TelePresence VCS version X6.0 and later
Management interfaces	Support for industry standards such as RS-232, HTTP(S), XML, Simple Network Management Protocol (SNMP), secure copy (SCP), and Secure Shell Protocol (SSH) • Embedded set-up wizard on serial port for initial configuration • TMS Conference Control Centre (CCC) (13.1.2 or later) supports management and monitoring of TelePresence Conductor Conferences • Call logging and diagnostics • Support for logging to a syslog server
Resilience	Can be deployed in triple-redundant cluster Duplicated databases Duplicated data
MCU support	Cisco TelePresence MCU 4200 Series, version 4.2 or later Cisco TelePresence MCU 4500 Series, version 4.2 or later Cisco TelePresence MCU 4501 Series, version 4.2 or later Cisco TelePresence MCU MSE 8420, version 4.2 or later Cisco TelePresence MCU MSE 8510, version 4.2 or later
Language	English
Physical dimensions (height x width x depth)	1.72 x 16.8 x 18 inches (43.5 x 426 x 457.2 mm) • 1 RU rack-mount chassis
Interfaces	Four 10/100/1000 Base TX Ethernet ports (RJ-45) (front)

	One RS-232 console port (RJ-45)2 (front)
Weight	• 17.6 lbs (8 kg) (unpacked)
Power	Auto-sensing 250 W (maximum) 580 BTU per hour power supply • 90-264 VAC full range at 47-63 Hz
Cooling system	• Five 40-millimeter fans for system cooling
System control and indications	• One power LED • One alarm LED • One power on/off switch (rear) • Four act/link/10/100/1000 LEDs on Ethernet ports
Environmental data	Operating temperatures: 32 to 104℉ (0 to 40℃) • Storage temperatures: -4 to 140℉ (0 to 80℃) • Relative humidity: 10 to 90% (non-condensing)
Certification	• LVD 73/23/EC • EMC 89/366/ECC
Approvals and compliance	• Directive 73/23/EEC (Low Voltage Directive) Standard EN 60950 • Directive 89/336/EEC (EMC Directive) Standard EN 55022, Class A Standard EN 55024 Standard EN 61000-3-2/-3-3 • Approved according to UL 60950 and CAN/CSA C22.2 No. 60950 • Compliance with FCC15B Class A

Ordering Information

To place an order, visit the Cisco Ordering Home Page.

Table 2. Ordering Information

Product Name	Part Number
Cisco TelePresence Conductor	CTI-CNDTR-K9

Service and Support

Cisco offers a wide range of services programs to accelerate customer success. These innovative services programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you to protect your network investment, optimize network operations, and prepare the network for new applications to extend network intelligence and the power of your business. For more information about Cisco Services, visit Cisco Technical Support Services or Cisco Advanced Services online.

For More Information

For more information about the Cisco TelePresence Conductor visit Cisco TelePresence Conductor or contact your local account representative.

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