Cisco TelePresence T3

The Cisco TelePresence™ portfolio creates an immersive, face-to-face experience over the network - empowering you to collaborate with others like never before. Through a powerful combination of technologies and design that allows you and remote participants to feel as if you are all in the same room, the Cisco TelePresence portfolio has the potential to provide great productivity benefits and transform your business. Many organizations are already using it to control costs, make decisions faster, improve customer intimacy, scale scarce resources, and speed products to market (Figure 1).

Figure 1.   Cisco TelePresence T3 immersive experience

Product Overview

The Cisco TelePresence T3 system offer the ultimate telepresence experience. Rich, bold, immersive, yet remarkably simple to use, the system represents visual collaboration taken to an entirely new level. Thousands of details work together to provide a natural forum to speed decision making and ensure everyone has the same information and is thinking the same way. London at 9:00 a.m., New York at noon, and Tokyo at 3:00 p.m.? With Cisco TelePresence it is possible. And because Cisco TelePresence systems integrate with other endpoints, you do not even need to be in an office (Figure 2).

Figure 2. The Revolutionary Cisco TelePresence touch screen makes initiating and Managing a Telepresence Meeting Even Easier

Cisco TelePresence T3

Table 1 summarizes the key features for the Cisco TelePresence T3

Table 1. Cisco TelePresence T3 Feature Summary

Feature Summary	
Rich immersive experience	From the moment a Cisco TelePresence meeting begins, it is clear that it is not an ordinary video conference. The design of the room, the eye-to-eye connection, the clarity of video, and the crisp audio all converge into a sensory experience that makes it easy to forget that the other participants are not actually in the same room.
Access to everyone	Cisco TelePresence meetings may have an ambience of refinement, but this tool is not an exclusive one. In fact, it is designed to be the opposite. With the Cisco commitment to open standards, it is easy to bring in users from any other standards-based endpoint - from experts in the field to managers at their desks, to the team in the conference room - making it easy to collaborate across the organization.
Cisco TelePresence experience	With a design this elegant, it is easy to forget that what is behind the scenes is what makes it easy to use. The Cisco TelePresence experience goes beyond just product to include services, management, and fulfillment that supports your unique network and service requirements.

Product Capabilities

Table 2 lists the capability specifications for the Cisco TelePresence T3 .

Table 2. Product Specifications

Specification	Description
Cisco TelePresence T3 components	- Three 65-inch full high-definition (HD) LCD displays - Three Cisco TelePresence Codec C90 codecs - Three Cisco TelePresence PrecisionHD Cameras (1080p) - Three speaker modules - Integrated table - Six directional microphones with fixed placement in the table - Three 23-inch full HD touch collaboration displays and ceiling-mounted studio lighting modules Note: An immersive room package, available for the T3 adds premium wood walls, Cisco® Blue nordic-sky-inspired light package and optional chairs.
Cisco TelePresence T1 components	
Bandwidth	T3: Recommended 10.5 - 12 Mbps (1080p)
Firewall traversal	- Cisco TelePresence Expressway technology - H.460.18 - H.460.19 Firewall Traversal

Specification	Description
Cisco touch collaboration displays	• Language supported: English • Available on integrated touch collaboration screens
Video standards	• H.263 • H.263+ • H.264
Live video resolution	• Optimal definition up to 1080p30 and 60 frames per second (fps) up to 720p
Audio standards	• G .711 • G.722 • G.722.1 • 64- and 128-bit MPEG4 AAC-LD • AAC-LD Stereo
Audio features	• CD-quality 20-kHz mono and stereo directional audio • Six integrated microphones
Dual stream	• H.239 (H.323) dual stream • UXGA support for dual stream
Protocols	• H.323 • SIP through Cisco TelePresence Video Communications Server
Embedded encryption	• H.323 point-to-point and multipoint calls • Standards-based: H.235v2 and v3 and Advanced Encryption Standard (AES) • Automatic key generation and exchange
Network interfaces	• Embedded network switch on the Telepresence Control Unit TCU with two 8-port switches typically used as separate LAN (video) Ethernet (PC/data) switches
Ethernet, Internet, and intranet connectivity	• TCP/IP, Dynamic Host Configuration Protocol (DHCP), Telnet, HTTP, Secure HTTP (HTTPS), Single Object Access Protocol (SOAP), and XML
PrecisionHD 1080P camera	• 12x zoom • +25°and -15°tilt, +/- -90°pan • 43.5°vertical field of view • 72°horizontal field of view • Focus distance: 0.3m-infinity • 1920 x 1080 pixels progressive @ 60 fps • Automatic or manual focus, brightness, and white balance
Collaboration	• Three full HD touch collaboration screens
System management	• Support for the Cisco TelePresence Management Suite • Total management through embedded Simple Network Management Protocol (SNMP), Telnet, Secure Shell (SSH) Protocol, XML, and SOAP • Remote software upload (codec): Through web server • One RS-232 port per codec
Directory services	• Support for local directories (My Contacts) • Corporate directory • Unlimited entries using server directory supporting Lightweight Directory Access Protocol (LDAP) and H.350 • Unlimited number for corporate directory (through Cisco TelePresence Management Suite] [TMS]) • Local directory with 200 numbers
System specifications	• Overall system dimensions (L x W x H): 110.2 x 189 x 65.7 inches (2800 x 4800 x 1670 mm • Overall system weight: Approximately 1848 lb (840 kg)

Power consumption (normal operation)	• T3
	  ◦ 3.8 kW including lighting
	  ◦ 2.5-kW system
	  ◦ 1.3-kW lighting

Operating temperature and humidity	• Ambient temperature: 32 to 95℉ (0 to 35℃) • Relative humidity (RH): 10 to 90%
Storage and transportation temperature	• -4 to 140℉ (-20 to 60℃) at 10-90% RH (noncondensin g)
Power requirement	• Four 30A or 16A; 100-120V or 200-240V; 60 or 50 Hz

Regulatory 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
- Complies with FCC15B Class B

Ordering Information

To place an order, please contact your Cisco representative.

Table 3.   Ordering Information

Product Name	Part Number
Cisco TelePresence System T3	**CTS-T3-K9**
Comes with: 3 Cisco TelePresence 65-inch Full HD LCD screens, 3 Cisco TelePresence Codec C90, 6 microphones, 3 Cisco TelePresence Touch Screen, 1 telepresence control unit and dedicated table	
Ordering Options for Cisco TelePresence System T3	
T3 Immersive Room for Cisco TelePresence System T3	CTS-T3-IMR
T3 Chairs for Cisco TelePresence System T3	CTS-T3-2CHRS
Document Camera for Cisco TelePresence System T3	CTS-T3-DOCCAM

Service and Support

Cisco and our partners provide a broad portfolio of intelligent, personalized services and support that can help you realize the full value of your Cisco TelePresence investment by increasing business agility and network availability. This portfolio of services accelerates business innovation through a network-based collaboration platform that enables businesses to collaborate anywhere, anytime. For more information about these services, visit: http://www.cisco.com/go/telepresenceservices.

For More Information

For more information about the Cisco TelePresence T3 , please visit http://www.cisco.com/go/telepresence or contact your local Cisco account representative or authorized Cisco partner. Product specifications are estimates and subject to change without notice.

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