# Cisco WebEx Telepresence

## Product Overview

Cisco WebEx® Telepresence delivers an affordable, reliable, and highly secure video collaboration experience through the cloud. With Cisco WebEx Telepresence, you can use our best-in-class telepresence endpoints in a matter of minutes over the Internet. You can also add video calling capabilities to your PCs, Macs, and iPads.

Cisco WebEx Telepresence is designed to connect you easily "in person" with your colleagues, partners, suppliers, and customers: Simply find their video addresses in your directory and click "Call." In addition, you do not have to think about how to make it work, because the cloud handles all the management and maintenance for you.

## Features and Benefits

Important features include:

- Superior video quality of up to 1080p high-definition (HD) video and desktop sharing
- Open standards-based connectivity to other video networks
- Flexibility for multiple participants to join
- Video calling for team members while mobile
- Private company directory
- Business-class support

Benefits include:

- Capability to talk to anyone, anywhere with wide-reaching calling options
- Ease of deployment and management, with no video infrastructure equipment required
- Almost no end-user learning time needed with the intuitive company directory
- Scalability to grow as your business needs change
- Priced to enable a quick return on investment (ROI)

## Platform Support and Compatibility

Cisco WebEx Telepresence lets you easily reach colleagues, partners, suppliers, and customers (Figure 1):

- Unlimited point-to-point or up to nine-way video calling with other Cisco WebEx Telepresence users
- Unlimited point-to-point calling with H.323 and Session Initiation Protocol (SIP) users
- Unlimited inbound voice calls
- Capability to add the Cisco WebEx Telepresence videoconferencing bridging service to connect up to 12 participants at the same time, including participants not using Cisco WebEx Telepresence

**Figure 1.**    Telepresence Meeting



## Product Specifications

Tables 1 and 2 provide network and bridge subscription specifications, respectively, and Table 3 provides ordering information.

**Table 1.**    Cisco WebEx Telepresence Network Specifications

| | |
|---|---|
| **Service summary** | • Unlimited standards-based SIP and H.323 video and public-switched-telephone-network (PSTN) calling<br>• Unlimited desktop and application content sharing<br>• Support for up to 1080p HD video calling<br>• Up to nine-way video calling with users on the Cisco WebEx Telepresence and Cisco Jabber Video networks<br>• Cloud-based endpoint registration, call control, and call routing<br>• Integrated firewall and Network Address Translation (NAT) traversal<br>• Encrypted media and signaling<br>• Company-managed subscription and directory services<br>• Automated software upgrades and provisioning<br>• Online and live customer support<br>• Availability in the United States and Canada |
| **Endpoints supported** | • Cisco TelePresence® System EX60<br>• Cisco TelePresence System EX90<br>• Cisco TelePresence Quick Set SX20<br>• Cisco TelePresence Quick Set C20<br>• Cisco TelePresence System MX200<br>• Cisco TelePresence System MX300<br>• Cisco TelePresence Profile 42-inch<br>• Cisco TelePresence Profile 55-inch and 55-inch dual<br>• Cisco TelePresence Profile 65-inch and 65-inch dual<br>• Cisco TelePresence Codec C40<br>• Cisco TelePresence Codec C60<br>• Cisco TelePresence Codec C90<br>• Cisco TelePresence VX Clinical Assistant<br>• Cisco Jabber™ Video on a compatible PCs, Macs or iPads[1]<br>• Refer to the section "Cisco Jabber for iPad support limits" below. |
| **Call scenarios supported** | Video calls within the Cisco WebEx Telepresence network:<br>• Calls via video number or vanity SIP Uniform Resource Identifier (URI)<br>• Calls within the same company (intra-company)<br>• Calls between different companies (inter-company)<br>Video calls with parties outside the Cisco WebEx Telepresence network:<br>• Calls to or from H.323 or SIP standards-based devices using SIP-style URI dialing<br>• Direct IP dialing between Cisco WebEx Telepresence endpoints and H.323 endpoints<br>Audio calls between Cisco WebEx Telepresence and PSTN:<br>• Calls from worldwide PSTN to Cisco WebEx Telepresence endpoints<br>• Calls from Cisco WebEx Telepresence endpoint to United States and Canada PSTN with Voice-over-IP (VoIP)–Out add-on service (add-on service available in United States only) |
| **Calling features** | • Caller ID<br>• Call hold<br>• Call waiting<br>• Missed-call notification<br>• Call directly from call history, Favorites, or company directory<br>• Cisco TelePresence MultiSite support for Cisco TelePresence System Quick Set SX20, EX90, Codec C40, Profile 42 with Codec C40, Codec C60, Codec C90, Profile 55 Series, and Profile 65 Series |
| **Data sharing** | • Dual-stream video support for content sharing using Binary Floor Control Protocol (BFCP)<br>• Endpoint support for desktop or application sharing |
| **Encryption** | • Secure communications using SIP Transport Layer Security (TLS) signaling and Secure Real Time Media (sRTP) using Advanced Encryption Standard (AES)–128 encryption algorithms |

---

[1] Jabber for iPad version 9.2 on iPad 2 or later models, iPad Mini not supported

| | |
|---|---|
| **Up to nine-way video calling** | Impromptu multipoint video calling bridge capable of a joining up to nine Cisco WebEx Telepresence video participants; these video participants include any user from Cisco WebEx Telepresence (@webex.com) or Cisco Jabber Video (@jabber.com) domains*<br><br>• Up to 720p 30–frames per second (fps) HD video quality with per-port audio and video transcoding to provide participants with the best possible view for their endpoints<br>• Cisco ActivePresence® technology to view all attendees in a meeting while giving prominence to the active speaker |
| **Video resolution** | • Automatic support for 720p HD video quality<br>• Capability to achieve 1080p HD video quality with a Premium Resolution license that you purchase along with the device |
| **Service bandwidth** | • 2.6-Mbps bidirectional for 1080p video quality<br>• 1.3-Mbps bidirectional for 720p video quality |
| **Protocols** | SIP with H.323 interworking, TCP and IPv4, and HTTP and Secure HTTP (HTTPS) |
| **Video standards** | H.264, H.263+, and H.263 |
| **Audio standards** | G.711, G.722, G.722.1, and AAC-LD |
| **Payment options** | • Monthly invoicing<br>• Discounted prepaid annual invoicing |
| **Service options** | • Premium subscription for telepresence endpoints<br>• Cisco Jabber Video subscription for the Cisco Jabber Video application on PCs, Macs and iPads[*]<br>• VoIP-Out add-on service to enable calls from Cisco WebEx Telepresence endpoint to North American PSTN numbers (available in United States only)<br>• Cisco WebEx Telepresence Bridge in 6- and 12-port capacities to join participants from third-party video domains and voice-only PSTN users |
| **Cisco WebEx Telepresence portal features** | • Set up, assign, and customize subscriptions<br>• View the company directory, which includes all your users and video addresses, devices, personal bridges, and videoconferencing bridges<br>• Manage the company directory, including creation of endpoint-specific contact lists, and reassign subscriptions<br>• View usage details<br>• View and pay invoices |
| **Cisco WebEx Telepresence directory** | • Automatically populated company directory with all subscriptions on all endpoints<br>• Ability for a customer administrator to customize directory entries on a company wide and per-endpoint basis<br>• Ability for a customer administrator to hide individual subscriptions from the companywide directory for privacy reasons |
| **Customer support hours** | • Phone and chat agents available from 8 a.m. to 12 a.m. (Eastern Time) Monday through Friday<br>• The online support forum available anytime at: http://www.cisco.com/web/telepresence/webex-telepresence-smb/support.html |
| **Cisco Jabber for iPad support limits** | • Cisco Jabber for iPad is now supported by Cisco WebEx Telepresence.  This release offers limited functions:<br>• Desktop sharing limited to "receive" only<br>• No support for VoIP-Out feature<br>• No support for IP dialing |

*The maximum number of users who can participate is determined by available network resources; the number cannot exceed six or nine, depending on the subscription used.

**Table 2.**     Cisco WebEx Telepresence Bridge Subscription Specifications

| | |
|---|---|
| **Service summary** | • Telepresence bridging service to connect parties from a variety of different networks, including video or voice-only callers, through a Cisco WebEx Telepresence bridge<br>• Always-active, hosted bridge with unlimited video calling and data sharing<br>• Accessible by any participant with standards-based SIP or H.323 video device and PSTN users<br>• Compatible with major vendors' standards-based endpoints<br>• Up to 720p 30-fps HD video quality with per-port audio and video transcoding to provide participants with the best possible view for their endpoints<br>• Cisco ActivePresence technology to view all attendees in a meeting while giving prominence to the active speaker<br>• Support for encrypted media and signaling |

| | |
|---|---|
| | • Online and live customer support<br>• Availability in the United States and Canada |
| **Bridge call scenarios supported** | Video calls within the Cisco WebEx Telepresence network:<br>• Calls from any Cisco WebEx Telepresence video participant, including any user from Cisco WebEx Telepresence (@webex.com) or Cisco Jabber Video (@jabber.com) application<br>Video calls with parties outside the Cisco WebEx Telepresence network:<br>• Calls from H.323 or SIP standards-based devices using URI dialing to Cisco WebEx Telepresence bridge; for example, example.bridge@webex.com<br>Audio calls between Cisco WebEx Telepresence and PSTN:<br>• Calls from PSTN to Cisco WebEx Telepresence bridge |
| **Data sharing** | • Support for dual-stream video for sharing data using BFCP |
| **Encryption** | Secure communications using SIP TLS signaling and sRTP using Advanced Encryption Standard (AES)–128 encryption algorithms. |
| **Service bandwidth** | Up to 1.3-Mbps bidirectional for each port |
| **Protocols** | SIP with H.323 interworking and TCP or IPv4 |
| **Video standards** | H.264, H.263+, and H.263 |
| **Audio standards** | G.711, G.722, G.722.1, and AAC-LD |
| **Payment options** | • Monthly invoicing<br>• Discounted prepaid annual invoicing |
| **Service options** | • 6-port option: Up to 6 concurrent video or audio-only PSTN users<br>• 12-port option: Up to 12 concurrent video or audio-only PSTN users |
| **Cisco WebEx Telepresence portal features** | • Set up and customize bridge subscriptions<br>• View usage details<br>• View and pay invoices |
| **Customer support hours** | • Phone and chat agents available from 8 a.m. to 12 a.m. (Eastern Time) Monday through Friday<br>• The online support forum available anytime at:<br>http://www.cisco.com/web/telepresence/webex-telepresence-smb/support.html |

**Table 3.**    Ordering Information

| Part Number | $ | Product Description |
|---|---|---|
| **L-WEBEXTPJABBER** | 0 | WEBEX TELEPRESENCE JABBER VIDEO—USD 29 per month |
| **L-WEBEXTPJABBERPRE** | 0 | WEBEX TELEPRESENCE JABBER PREPAID - USD 300 PER YEAR |
| **L-WEBEXTPPREMIUM** | 0 | WEBEX TELEPRESENCE PREMIUM SUBSCRIPTION—USD 99 per month |
| **L-WBXTPPREMIUMPRE** | 0 | WEBEX TELEPRESENCE PREMIUM PREPAID—USD 999 per year |
| **L-WBXTPBRIDGE6** | 0 | WEBEX TELEPRESENCE BRIDGE 6 PORT—USD 249 per month |
| **L-WBXTPBRG6ANNUAL** | 0 | WEBEX TELEPRESENCE BRIDGE 6 PORT—USD 2499 per year |
| **L-WBXTPBRIDGE12** | 0 | WEBEX TELEPRESENCE BRIDGE 12 PORT—USD 499 per month |
| **L-WBXTPBRG12ANNUAL** | 0 | WEBEX TELEPRESENCE BRIDGE 12 PORT PREPAID—USD 4999 per year |
| **L-WBXTPVOIP** | 0 | WEBEX TELEPRESENCE Outbound Voice Dialing—USD 9 per month |
| **L-WBXTPVOIPANNUAL** | 0 | WEBEX TELEPRESENCE Outbound Voice Dialing—USD 90 per year |

## Cisco Services

Cisco and our partners provide a broad portfolio of smart, personalized services and support that can help you achieve the full business value of your Cisco TelePresence investment by increasing business agility and network availability. This portfolio of services accelerates business innovation by harnessing the network as a powerful business platform. For more information about these services, please visit http://www.cisco.com/go/telepresenceservices.

## For More Information

For more information about Cisco WebEx Telepresence, including additional benefits, customer success stories, and details about how to get started, please visit http://www.cisco.com/go/webextelepresence.

Printed in USA

C78-717073-03   03/13