

## Cisco TelePresence TX1300 Series FAQ

*(Please note that this FAQ is applicable to both the new TX1300 Series and the previous-generation Cisco TelePresence System 1300 65 product. Differences are noted where applicable.)*

### Overview

The Cisco TelePresence® TX1300 Series (TX1300 Series) offers your business the flexibility to deploy the immersive Cisco TelePresence experience throughout your organization to small- and medium-sized general-purpose conference rooms. Most team conference rooms are ideal places for the TX1300 Series as well as face-to-face meetings. You retain the multipurpose function of your rooms when not using telepresence. The integrated audio conferencing of the systems allows you to hold audio-only meetings, and you can use the display to share your laptop in the room or for digital signage.

The Cisco TelePresence TX1300 Series provides a compelling solution for deployment to branch offices and small offices where teams want an immersive experience, but where bandwidth is limited. The TX1300 Series takes advantage of the award-winning capabilities of Cisco immersive telepresence: life-size, face-to-face experience optimized for any type of in-person meeting; comfortable and simple operation for users; low management overhead; and the ability to make scheduled or ad hoc calls internally or externally at the touch of a button.

- Q.** What is the Cisco TelePresence TX1300 Series? Is it the same as the Cisco TelePresence System 1300 Series?
- A.** The Cisco TelePresence TX1300 Series is a new endpoint series designed for small- and medium-sized conference rooms. It refreshes the previous-generation Cisco TelePresence System 1300 65 (1300 65) with new technology, offering 1080p60 video and high-definition 1080p30 content, with enhanced collaboration capabilities\*.

The two generations of the 1300 Series include:

- The latest-generation TX1300 Series with two models: The TX1300 65 with a 65-inch plasma screen (part number CTS-TX1310-65) and the TX1300 47 with a 47-inch LCD screen (CTS-1300-47)
- The previous-generation Cisco TelePresence System 1300 65 with a 65-inch plasma screen (CTS-1300-65)

All of the 1300 Series endpoints consist of three cameras, one display, integrated lighting, and a streamlined industrial design. The systems enable rapid deployment with limited to no room remediation required by using the existing table in the room and reduced bandwidth requirements. The TX1300 47 offers a pedestal mounting option and is ideal for small conference rooms from three to six participants in a telepresence call. The TX1310 65 and 1300 65 are ideal for large- and medium-sized conference rooms.

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- Q.** Why did Cisco change the marketing name of the Cisco TelePresence System 1300 47 to the TX1300 47?
- A.** The Cisco TelePresence System 1300 47, which started shipping in Q1CY12, was the first endpoint of the new generation of immersive endpoints that is built with new codec technology and is ready for advanced collaboration features. With first customer shipment (FCS) of the TX9000 Series and the TX1310 65, which share the same underlying technology, it made sense to bring consistency in naming convention. The only exception is the actual manufacturing product ID (PID), which stays as CTS-1300-47 for operational ease.
- Q.** What does the Cisco TelePresence TX1300 Series look like? How is it different from the Cisco TelePresence System 1100 or Cisco TelePresence System 3000 Series?
- A.** The TX1310 65 and 1300 65 look similar to a Cisco TelePresence System 1100 in that it uses a single 65-inch plasma display for meetings and recordings. It can seat up to six people on camera by using a three-camera cluster and voice-activated switching. The TX1300 47 is similar to the 65-inch version but is optimized for the smaller conference room. Participants can sit closer to the smaller 47-inch display. Like the Cisco TelePresence System 3010, the TX1300 Series is built for six people on one side of the virtual conference room table but consumes only a single screen worth of bandwidth by using voice-activated switching. Unlike the Cisco TelePresence System 3010, which has an integrated table, the 1300 Series systems use a regular conference room table that seats three to six people in a Cisco TelePresence meeting but can be used for regular meetings when not in a telepresence session.
- Q.** What types of customers would typically use a Cisco TelePresence TX1300 Series endpoint?
- A.** The TX1300 Series endpoints work well for organizations with geographically distributed offices. This series is ideal for customers looking to expand their immersive telepresence deployments cost-effectively to smaller spaces. The TX1300 Series extends the Cisco TelePresence solution to the general-purpose conference room and is ideal for organizations that have a limited number of rooms or bandwidth and need to maximize use of space.
- Q.** What are the typical uses for a Cisco TelePresence System 1300 Series endpoint?
- A.** TX1300 Series endpoints are ideal for multipoint group meetings such as operational reviews, status-update meetings, and quarterly customer presentations. The systems also support multisite collaborative group meetings such as design reviews and general working sessions. Because the TX1300 Series is based on a single-screen design, it is easy to use for intimate meetings such as interviews or one-on-one meetings as well.
- Q.** How many participants will a TX1300 Series endpoint accommodate in a telepresence meeting?
- A.** The TX1310 65 and 1300 65 are designed to bring groups of up to six people on camera in Cisco TelePresence meetings. The TX1300 47 is designed to bring groups of three to six people on camera in Cisco TelePresence meetings.
- Q.** How much bandwidth do the TX1300 Series endpoints require?
- A.** The TX1300 Series endpoints, which include the TX1300 47 and TX1310 65, are equipped with newer technology that enables them to run anywhere from 768 kbps (native interop) to an average of 5 Mbps (1080p30). It is especially critical for customers who want to connect conference rooms with immersive endpoints to desktop solutions. However, to ensure a high-quality video experience for transformational business results, it should be noted that all 1300 Series endpoints (1300 and TX1300 Series) perform best using IP quality-of-service (QoS) connections running at 3 to 4 Mbps for 1080-pixel resolutions, or at 1 to 3 Mbps for 720-pixel resolutions. This network configuration is the same as that for the other one-screen systems, the Cisco TelePresence System 1100 and 500 Series.

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- Q.** What are the recommended room sizes for Cisco TelePresence TX1300 Series endpoints?
- A.**
- The recommended room size for a TX1310-65 is (H x W x D) 8 x 18 x 14 ft (2.44 x 5.48 x 4.27m) to 10 x 31 x 23 ft (3.05 x 9.45 x 7.01m).
  - The recommended room sizes for a TX1300-47 is (H x W x D) 8 x 12 x 12 ft (2.44 x 3.66 x 3.66m) to 10 x 16 x 18 feet (3.05 x 4.88 x 5.49m).
  - The recommended room sizes for a 1300-65 is (H x W x D) 8 x 18 x 14 ft (2.44 x 5.48 x 4.27m) to 10 x 31 x 23 ft (3.05 x 9.45 x 7.01m).
- Q.** Can I use my own table with the Cisco TelePresence TX1300 Series? What table shapes are supported?
- A.** You can use your existing conference room table with the TX1300 Series. The TX1310 65 and 1300 65 support racetrack and rectangle-style tables. The TX1300 47 supports bullet, round, square, racetrack, and rectangle-style tables.
- Q.** How do I know where to sit when using a 1300 Series endpoint?
- A.** Physical table guides are provided to help ensure that you know where to sit to always be on-camera. Before joining a call, participants can use the self-view feature to see themselves and adjust their position accordingly.
- Q.** What do people in a Cisco TelePresence System 3010 or 1100 experience when they call a Cisco TelePresence TX1300 Series room?
- A.** Participants in another endpoint room see a single segment of video, similar to the experience when an 1100 or 500 Series system participant joins the call. Voice-activated switching within the TX1300 Series room determines which active speaker group in the room to share with the participants on other endpoints. Participants from the TX1300 Series appear life-size on a Cisco TelePresence System 3010 or 1100.
- Q.** How does audio on the TX1300 Series work?
- A.** The TX1300 Series endpoint captures all of the audio in the room. All input from table microphones is mixed together and sent out with the video stream.
- Q.** How does audio conferencing work with the TX1300 Series? Do people no longer need a separate speakerphone in TX1300 conference rooms?
- A.** Cisco TelePresence System endpoints are great for audio-only conferencing as well as telepresence meetings. The endpoint systems support audio conferencing, so no extra speakerphone is needed in the conference room. The Cisco IP Phone works with the system microphones and speakers to provide a complete solution. The TX1300 Series provides additional microphone coverage, so participants around the table can all be heard.
- Q.** How does the voice-activated switching work?
- A.** The TX1300 Series voice-activated switching is done within the unit locally. Each camera on the TX1300 Series endpoint captures one or two people, as a segment. Switching microphones located near the camera cluster determine the active segment. The TX1300 Series endpoint automatically sends the active speaker segment along with the full room audio to the remote participants. Thus, three to six people participate as life-size on camera while consuming only a single video stream of bandwidth on the network.

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- Q.** How does data collaboration work for the TX1300 Series?
- A.** Data or graphics content sharing is supported through an external monitor or Presentation-in-Picture (PIP) format. You can toggle the position of the PIP between lower center, left, or right locations on the screen. Swap PIP features allow you to see the data bigger and people smaller. The same range of auxiliary displays from 40 to 52 inches for the Cisco TelePresence System 3010 and 3210 Series are supported for the TX1300 Series. Your partner or Cisco account manager can provide you the up-to-date models.
- Q.** Can I use the display for local data display when the system is not in use for a Cisco TelePresence call?
- A.** Yes. Just like with any other Cisco TelePresence endpoint, you can use the display as a presentation monitor when not in a Cisco TelePresence call. You can also use the display for digital media signage when not in a call.
- Q.** Do Cisco TelePresence TX1300 Series endpoints work with multipoint calls?
- A.** Yes, the TX1300 Series endpoints work transparently whether in point-to-point or multipoint calls. Two options are available: Cisco TelePresence Server or the Cisco TelePresence Multipoint Switch. If you want to use the Cisco ActivePresence® feature, you should deploy the Cisco Telepresence Server to take advantage of voice-activated switching and the Cisco ActivePresence capability to view all participants on the call. You can also use the Cisco TelePresence Multipoint Switch for low-cost, low-latency, life-size, voice-activated screen switching.

\* Future software development.



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