

# Enrich Your Online Meeting Experience with Live, High-Definition Video.

Make every online meeting more engaging—and productive. Captivate meeting participants with the highest levels of video detail and clarity. Build strong relationships with remote colleagues and customers by adding a true high-definition video conferencing experience to your online meetings. See video for up to seven meeting participants displayed simultaneously — and follow the conversation effortlessly, as the video image from the active speaker appears in the main window. It's just like meeting face to face, but a lot more convenient.

## Grab and Keep Participants' Attention with These Superior Video Capabilities:

### Stunning High-Definition (HD) Video

Cisco WebEx® video supports all types of cameras, and with a supported HD webcam, you can achieve exceptionally crisp and clear video in all your meetings. Cisco® technology automatically adjusts the video throughout the meeting to the highest quality for each participant according to their available bandwidth and computer capabilities.

### Real-Time Video for Up to Seven Participants

View up to seven participants in thumbnail or list view. Or select Full-Screen mode and view the active speaker in the main video panel, with other participants' video displayed as thumbnails below. The video in the main panel automatically switches to display the person who is speaking, creating an intuitive, engaging meeting experience.

### Expanded View

For the most detailed view, select the Expand This View option and view the video of the active speaker in true high-definition with up to 720p display resolution.

### Active Speaker

Focus on who is talking with active speaker technology. Whether the speaker is using a telephone line (PSTN<sup>1</sup>) or computer (VoIP) as their audio option, the active speaker technology automatically displays their video on the large Active Speaker window. Keep the speaker's video on your screen even during desktop and application sharing. Alternatively, you can lock the video display on a single speaker to focus on only one presenter when necessary.



## Cisco WebEx Video Services Highlights

### Fast, Easy Setup

Share video with almost any off-the-shelf webcam. Use supported HD webcams for best high-definition video results.

### Easy-to-Use Controls

Specify camera settings using simple controls on the Participant panel. Start or stop sending your video with a push of a single button.

### High Capacity

Support up to 500 concurrent video streams.

### Reliable Connectivity

WebEx video services run on the Cisco Collaboration Cloud – a real-time, global network that gives you the fast, reliable, highly secure performance you need.



<sup>1</sup> Telephony Service Providers (TSP) can enable this feature using the WebEx API

**Q: What's the difference between high-quality and high-definition WebEx video?**

**A:** High-quality video supports display resolution up to 360p, while high-definition video offers an exceptionally crisp and clear video experience with 720p. High-definition video is included with Cisco WebEx Meeting Center. High-quality video is currently included in Cisco WebEx Training Center and Cisco WebEx Support Center (select functionality). Standard WebEx video supports resolution for up to 352x288 and is used when high-quality or high-definition video options are not available.

**Q: How much do WebEx video services cost?**

**A:** Get WebEx video services free, included in the cost of your WebEx service.

**Q: What WebEx site administrator and host meeting options are available for high-quality video?**

**A:** WebEx site administrators have settings to:

1. Set maximum video quality resolution per site
2. Specify whether the host has the ability to schedule high-definition or high-quality video meetings.

WebEx hosts can choose to set the maximum video quality when scheduling a meeting. They can schedule high-definition or high-quality video meetings if given access by their WebEx site administrator. You can also take advantage of automatic network congestion control during both the uplink and downlink process while using video. Count on congestion control to estimate real-time available bandwidth according to bit stream rate feedback messages from the Cisco Collaboration Cloud. In addition, system monitoring tracks system performance to pick the best video experience for the system's capabilities.

**Q: My IT department is concerned about the impact of WebEx video services on network capacity and bandwidth. What can I tell them?**

**A:** WebEx video is based upon H.264 SVC technology that allows video quality adaptation based upon available bandwidth.

Please refer to Table 1 for details on recommended network bandwidth and platform requirements. Congestion and performance control is built into the system. Video quality is automatically adjusted in the event of a lack of network or computing resources.

**Table 1.** Specifications

	High-Definition Video	High-Quality Video	Standard WebEx Video
<b>Products</b>	Cisco WebEx Meeting Center	Cisco WebEx Support Center Cisco WebEx Training Center Cisco WebEx Event Center	
<b>Active Speaker</b>	Yes	Yes (not available in WebEx Support Center)	Not available
<b>Full-Screen Video Mode</b>	Yes	Yes (not available in WebEx Support Center)	Not available
<b>Expanded Screen Mode</b>	Yes	Not available	Not available
<b>Supported platforms:</b>			
– Windows, Macintosh	Full support	Full support	Full support
– Linux, Solaris	View only	View only	View only
<b>Minimum Platform Requirements</b>	Quad core, 2Gb	Single core 2.4 Ghz, 512 Mb (Up to 180p) Dual core 2.0 Ghz, 1 Gb (required for 360p)	Same as main services
<b>Minimum Network Requirements</b>	1.2 Mbps (3 Mbps or higher recommended)	320kbps (1Mbps or higher recommended)	128Kbps (256Kbps recommended)
<b>Resolutions:</b>			
– Maximum Resolution (pixels)	720p (1280x720)	360p (640x360)	CIF352x288
– Maximum Frame Rates (per second)	30fps	30fps	30fps
<b>Transport Protocol</b>	TCP Port 80, SSL 443, UDP Port 9000	TCP Port 80, SSL 443, UDP Port 9000	TCP Port 80, SSL 443
<b>Maximum participants</b>	500	500 (not available in WebEx Support Center)	1000 SPV
<b>Video codec</b>	H.264	H.264	H.264
<b>Additional features</b>			
– Frame rate control	Automatic	Automatic	Manual
– Resolution control	Automatic	Automatic	Manual
– Congestion control	Automatic	Automatic	Manual

## For More Information

For more information on Cisco WebEx web conferencing products please visit [http://www.cisco.com/en/US/products/ps10362/Products\\_Sub\\_Category\\_Home.html](http://www.cisco.com/en/US/products/ps10362/Products_Sub_Category_Home.html)

