

Cisco WebEx Meetings Server



Now you can bring Cisco WebEx[®] conferencing into your company's private cloud, for a cost-effective, secure, and flexible collaboration and communications solution. Meet your organization's requirements for highly secure on-premise conferencing, and deliver the same user experience that has made Cisco[®] WebEx the market-leading, software-as-a-service (SaaS) conferencing solution.

Cisco WebEx Meetings Server is a highly secure, fully virtualized, behind-the-firewall conferencing solution that combines audio, video, and web conferencing in a single solution. With Cisco WebEx Meetings Server, you can respond to organizational requirements for higher productivity and employee-led innovation, as well as support more dynamic collaboration and flexible work styles.

Cisco WebEx Meetings Server also helps you comply with strict security or data privacy requirements, and support locations where Internet access is regulated or restricted. It also allows you to manage your conferencing solution as a capital expenditure instead of an operational expenditure.

With Cisco WebEx Meetings Server, you can:

- Meet stringent requirements for data privacy and security by bringing Cisco WebEx conferencing behind the corporate firewall
- Build on your existing investment in Cisco Unified Communications, extending your existing implementation of Cisco Unified Communications Manager to conferencing
- Enhance individual and team productivity and collaboration with high-quality audio, video, and web conferencing
- Enable mobile workers to be more productive and engaged with the ability to participate in conferences using a variety of mobile devices
- Easily manage your entire conferencing environment with the solution's Administration Dashboard

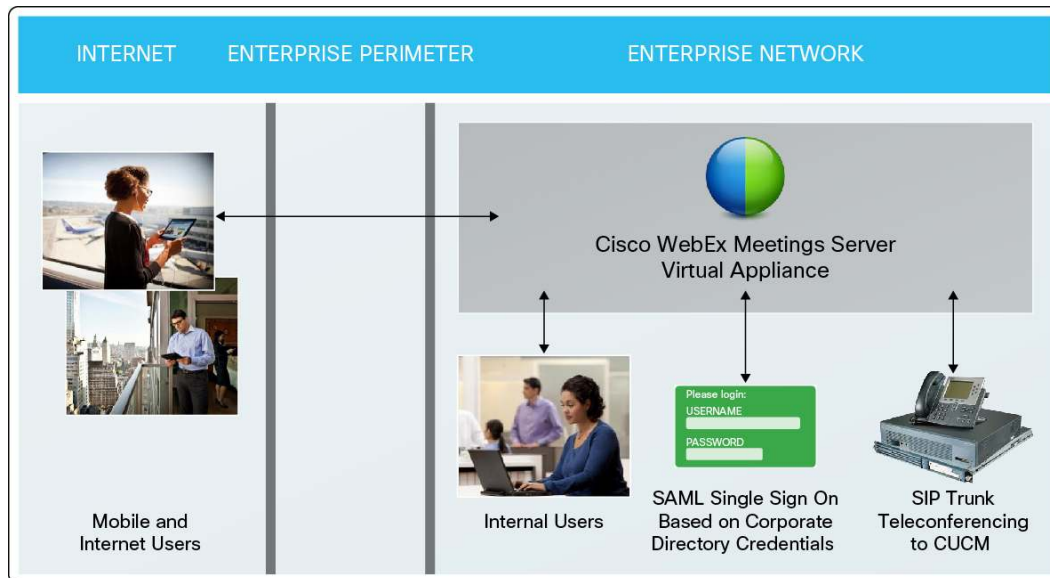
How Cisco WebEx Meetings Server Works

Cisco WebEx Meetings Server is a virtualized, software-based solution that runs on Cisco UCS[®] x86 Servers and VMware 5.0. It uses virtual appliance technology for rapid turn-up of services to end users. With Cisco WebEx Meetings Server, there are two options for enabling mobile users to more securely access WebEx conferences without going through a VPN. The first option is to deploy reverse proxy (or edge servers) in the enterprise perimeter (or DMZ). The second option, shown in Figure 1, is to deploy the reverse proxy servers behind your internal firewall, which eliminates all DMZ components and related information security concerns.

In addition, Cisco WebEx Meetings Server uses simple port forwarding on ports 80 (HTTP) and 443 (SSL) to minimize the number of ports that need to be opened in your external and internal firewalls. Backend servers integrate with Cisco Unified Communications Manager (UCM) for high-quality teleconferencing.

In a large enterprise deployment, a critical manageability requirement is allowing end users to sign in using their corporate credentials. Cisco WebEx Meetings Server supports this requirement by enabling you to connect to your active directory or LDAP directories using the industry-standard SAML 2.0 Single Sign On.

Figure 1. Full Deployment of WebEx Meetings Server Behind a Firewall



Benefits for Your Organization

Designed to meet stringent security requirements

- Cisco WebEx Meetings Server is installed behind your corporate firewall for physical security
- End-user sessions are 100 percent encrypted using industry standard SSL 3.0, TLS 1.0, and TLS 1.2
- All communications between the Cisco WebEx Meetings Server virtual servers are 100 percent encrypted
- FIPS encryption can be turned on with a single policy setting, providing U.S. Department of Defense-level security

Protect and build on your existing Cisco Unified Communications investments

- Designed for deployment on top of Cisco UCM, Cisco WebEx Meetings Server allows you to extend your investment in IP telephony to online meetings

Align your conferencing capabilities with business and user expectations

- Deliver the same productive, fulfilling user experience as the SaaS-based version of WebEx conferencing, including:
 - Document, applications, and desktop sharing
 - Annotation and collaboration tools
 - Integrated, high-quality audio, including a unified participant list, active talker, call-in, call-me, or voice over IP (VoIP; web-based audio), hybrid audio (VoIP and PSTN in the same meeting), mute, unmute, eject, and restrict access
 - High-quality video with 360p screen resolution; full-screen video; up to seven simultaneous webcam video feeds and voice-activated switching
 - Recording and playback
 - Consistent cross-platform experience on Windows, Mac, smartphones, and tablets
 - Hosts can schedule meetings directly from their Microsoft Outlook 2007 or 2010 calendars

Allow team members on the move to collaborate easily using their mobile devices

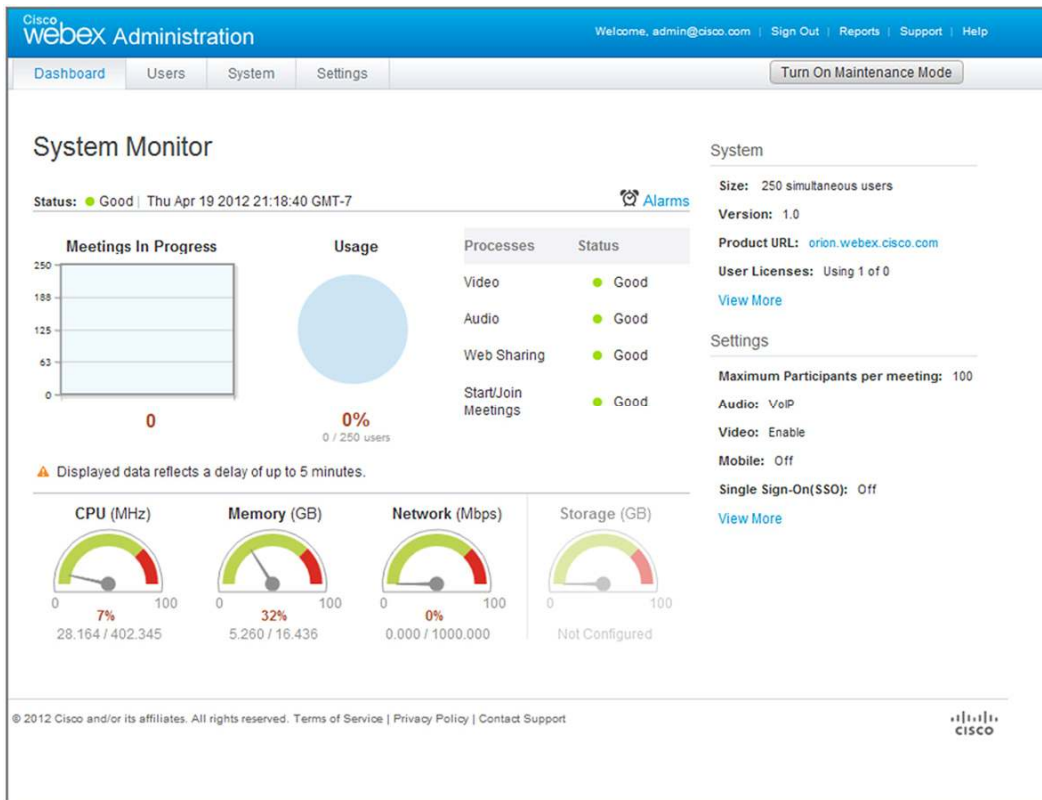
- Meet your organization's expectations for creating a more collaborative environment that connects a distributed, mobile workforce
 - Meeting clients for mobile devices, including iPhones and iPads
 - Start, join, schedule, and attend online meetings from mobile devices
 - Chat, audio, call me, calendar, pass presenter
 - Two-way video on iPad 2.0 and beyond
 - Voice over Wi-Fi on iPad
 - Support for Cisco Jabber™ for Windows (requiring Cisco Unified Presence)¹ can enable users to easily move from a chat session to an online meeting
- Cisco WebEx Meetings Server is optimized for "bring your own device" (BYOD) enterprises, helping users to more securely sign in, host, and join meetings from mobile devices or Internet-connected PCs without requiring VPN access to the corporate network

¹ Cisco Jabber for Windows integration scheduled for January 2013.

Easily manage your entire conferencing environment with a web-based dashboard

- A web-based Administration Dashboard (see Figure 2) makes it easy to manage your entire conferencing environment, including a real-time view of system processes and management reports on usage, licenses, and more

Figure 2. Web-Based Administration Dashboard



Specifications

Platform Requirements

- VMware 5.0
- Cisco UCS servers: for smaller (50 and 250 user) systems: Cisco UCS C220 M3 or above; for larger (800 and 2,000 user) systems: Cisco UCS C460 M2 or above
- Cisco UCM 7.1, 8.6, or 9.0 (for SIP trunk audio conferencing)

Browsers, OS Support

- Browsers
 - Internet Explorer 8, 9
 - Safari for Mac OS X Snow Leopard, Lion, Mountain Lion
 - Latest versions of Chrome and Firefox on Mac OS X and Windows

- Operating Systems
 - Windows XP SP3, Windows Vista, Windows 7 32 and 64 bit, Windows Server OS 2008 R2
 - Mac OS X Snow Leopard, Lion, and Mountain Lion
 - iPhone and iPad running iOS 5.1 and above

Integrations

- Desktop Integrations
 - Microsoft Outlook 2007 SP2
 - Microsoft Outlook 2010 32- and 64-bit (all SPs)

Audio

- Extends audio conferencing capabilities to Cisco UCM with dual stack IPv6 and IPv4 support
- SIP trunk audio conferencing supports G.722, G.711, and G.729 audio codecs with optional Transport Security Layer (TLS) and Secure Real-Time Transport Protocol (SRTP) encryption, with no reduction in system capacity
- High-fidelity G.722 audio conferencing¹ on Cisco IP phones

Security

- Meetings are secured using industry standard SSL 3.0 and 128- or 256-bit AES encryption
- U.S. Department of Defense grade [FIPS 140-2 Level 1](#) encryption supported

Localization

- Cisco WebEx Meetings Server is localized into 13 languages to support customers worldwide.

English ²	French	Spanish (Spain ³ and Latin America)
Chinese (Simplified and Traditional)	German	Portuguese (Brazil)
Japanese	Italian	Russian ³
Korean	Dutch ³	

For More Information

To learn more about Cisco WebEx Meetings Server visit <http://www.cisco.com/go/cwms>.

² English: Both U.S. and U.K. are available for audio prompts.
³ Localized versions (language) for Russian, Dutch, and European Spanish are supported on Windows only.



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