

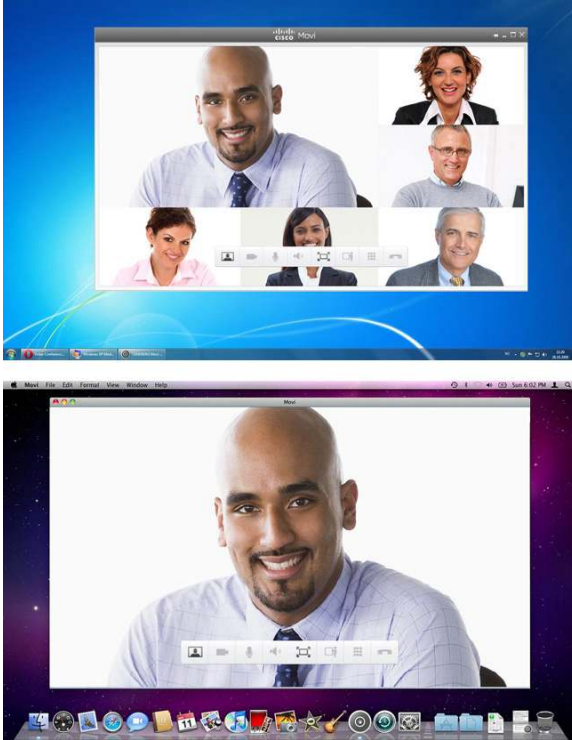
## Cisco TelePresence Movi™



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.

### Product Overview

Experience the benefits of high definition, telepresence quality video anywhere, anytime. Cisco TelePresence Movi™ (Movi) works with your PC or Mac to provide crystal clear video communication from wherever you need to work — the airport, hotel, coffee shop or home office. It integrates into the enterprise video conferencing network to keep you connected with your entire video community, no matter where you are.



The intuitive user interface of Cisco TelePresence Movi™ enables fast, easy and reliable connections between desktop video, conference rooms, other Movi™ users and even telepresence.

### Cisco TelePresence Movi™ Features

Table 1 summarizes the key features for Cisco TelePresence Movi™.

**Table 1.** Cisco TelePresence Movi™ Feature Summary

Feature Summary	
<b>Design Features</b>	<ul style="list-style-type: none"> <li>• Intuitive user interface with easy access to phonebooks and presence status</li> <li>• Select an application and share content and presentations with standards compliant devices on the far end</li> <li>• Interoperable with any standards based SIP endpoint and H.323 system — even telepresence</li> <li>• Easy to deploy and manage</li> <li>• Scalable to thousands of users</li> </ul>
<b>Application Features</b>	<ul style="list-style-type: none"> <li>• Extend standards compliant video and telepresence to mobile workers</li> <li>• Accelerate decisions, scale expertise and create a cohesive team environment</li> <li>• High definition video conferencing, anytime, anywhere</li> </ul>
<b>Performance Features</b>	<ul style="list-style-type: none"> <li>• 720p HD resolution at 30 fps</li> <li>• Mobile video industry's best audio performance from a PC or Mac*</li> <li>• Industry leading, appliance grade adaptive echo cancellation</li> <li>• Intelligent bandwidth distribution and dynamic bandwidth adaptation optimize network load*</li> <li>• Initiate Ad hoc multi-party calls utilizing Cisco TelePresence Multiway</li> <li>• Maximum collaboration with others using Far End Camera Control*</li> <li>• Utilizes ClearPath packet loss protection technology for optimal experience*</li> <li>• Support for ICE</li> </ul>


## Product Capabilities

Table 2 provides a listing of the product capability specifications for Cisco TelePresence Movi.

**Table 2.** Product Specifications

Specification	Description
<b>Bandwidth</b>	<ul style="list-style-type: none"> <li>Supporting BW from 24 kbps up to 8 Mbps</li> </ul>
<b>Video Standards</b>	<ul style="list-style-type: none"> <li>H.264</li> <li>H.263+</li> <li>H.263</li> </ul>
<b>Video Features</b>	<ul style="list-style-type: none"> <li>Far end</li> <li>Self view</li> <li>720p 30fps encoding and decoding</li> <li>Select an application and share content and presentations with standards compliant devices on the far end</li> <li>ClearPath packet loss protection in non-optimal network conditions including mobile environments</li> </ul>
<b>Video Resolutions and Frame Rates</b>	<ul style="list-style-type: none"> <li>Depending on video source, available bandwidth and processing power on the computer</li> </ul> <p><b>Native NTSC:</b></p> <ul style="list-style-type: none"> <li>400p (528 x 400 pixels)</li> <li>4SIF (704 x 480 pixels)</li> <li>SIF (352 x 240 pixels)</li> </ul> <p><b>Native PAL:</b></p> <ul style="list-style-type: none"> <li>448p (576 x 448 pixels)</li> <li>4CIF (704 x 576 pixels)</li> <li>CIF (352 x 288 pixels)</li> <li>QCIF (256 x 144 pixels)</li> <li>SQCIF (128 x 96 pixels)</li> </ul> <p><b>Native PC Resolutions:</b></p> <ul style="list-style-type: none"> <li>XGA (1024 x 768 pixels)</li> <li>VGA (640 x 480 pixels)</li> <li>QVGA (256x144)</li> </ul> <p><b>Wide Resolutions:</b></p> <ul style="list-style-type: none"> <li>w720p (1280x720 pixels)</li> <li>w576p (1024x576 pixels)</li> <li>w448p (768x448 pixels)</li> <li>w288p (512x288 pixels)</li> </ul>
<b>Audio Standards</b>	<ul style="list-style-type: none"> <li>MPEG4 AAC-LD 48 kHz</li> <li>G.722.1 24 kbps</li> <li>G.722.1 32 kbps</li> <li>G.711 A-law</li> <li>G.711 <math>\mu</math>-law</li> </ul>
<b>Audio Features</b>	<ul style="list-style-type: none"> <li>48 kHz wideband audio subsystem with compliance-grade, adaptive, acoustic echo cancellation</li> <li>Perceptually optimized packet loss concealment</li> <li>Audio mute</li> <li>Speaker volume</li> <li>Speaker mute</li> <li>DTMF (in-band and out-of-band)</li> </ul>
<b>Privacy Features</b>	<ul style="list-style-type: none"> <li>Audio mute</li> <li>Video mute</li> </ul>
<b>Content Sharing</b>	<ul style="list-style-type: none"> <li>H.239 (VCS H.323 Interworking)</li> <li>BFCP Content Channel encoded w/H.264, H.263+, H.263 enabling wide range of interoperability</li> <li>Select content source from open applications ensuring only intended applications are shared</li> </ul>
<b>User Interface</b>	<ul style="list-style-type: none"> <li>Separate windows for phonebooks/presence and video calls</li> <li>Address book search (from Cisco TelePresence Management Suite directory and phone books)</li> <li>Presence indication on contacts</li> <li>Toggle video mute</li> <li>Toggle audio mute</li> <li>Toggle selfview</li> </ul>

Specification	Description
	<ul style="list-style-type: none"> <li>• In-call Picture in Picture (PiP) Selfview</li> <li>• PiP to show far end video when receiving content</li> <li>• Flexible layout control and placement; toggle between main screen and PiP with double click</li> <li>• Moveable PiP throughout screen</li> <li>• Automatic presentation sharing option in Microsoft PowerPoint presentation mode</li> <li>• Switch to turn on selfview on startup</li> <li>• My Contacts</li> <li>• Recent calls with time, date and duration</li> <li>• Missed calls notification</li> <li>• Network quality indicator</li> <li>• Call status dialog</li> <li>• DTMF keypad</li> <li>• Bandwidth settings control</li> <li>• Resolution settings control</li> <li>• Auto-start on boot</li> <li>• Auto-sign in on start</li> <li>• Always-on-top mode</li> <li>• Minimize to tray</li> <li>• Select ring tones</li> <li>• Select video and audio devices</li> <li>• Disable ring tones on busy/in call</li> <li>• Initiate ad hoc multi-party calls with Cisco TelePresence Multiway™</li> <li>• Control the far end with Far End Camera Control</li> </ul>
<b>Firewall Traversal</b>	<ul style="list-style-type: none"> <li>• Firewall traversal enabled through Cisco® TelePresence Video Communication Server Expressway</li> </ul>
<b>Embedded Encryption</b>	<ul style="list-style-type: none"> <li>• Advanced Encryption Standard (AES)</li> <li>• Transport Layer Security (TLS)</li> </ul>
<b>IP Network Features</b>	<ul style="list-style-type: none"> <li>• URI dialing</li> <li>• Support for ICE</li> <li>• E.164 alias dialing supported through VCS</li> <li>• Adaptive jitter handling</li> <li>• Adaptive bandwidth management; bandwidth history log enables calls to start at optimal rate</li> <li>• DNS lookup for provisioning clustering and load balancing</li> </ul>
<b>Protocols Supported</b>	<ul style="list-style-type: none"> <li>• SIP</li> <li>• H.323 (via VCS interworking)</li> <li>• TCP/IP</li> <li>• TLS</li> <li>• RTP/RTCP</li> <li>• DTMF (in-band and out-of-band)</li> <li>• BFCP</li> <li>• H.239 (VCS H.323 Interworking)</li> <li>• H.281 (FECC)</li> <li>• ICE Support</li> </ul>
<b>Directory Services</b>	<ul style="list-style-type: none"> <li>• Phone books from Cisco TelePresence Management Suite</li> <li>• Provisioning directory phone books</li> <li>• Active Directory (LDAP) integration</li> <li>• My contacts on client</li> <li>• Recent calls (with time and date)</li> <li>• Missed calls indication</li> </ul>
<b>Cisco Network Infrastructure Requirements</b>	<ul style="list-style-type: none"> <li>• Cisco TelePresence Management Suite v 12.1 or later</li> <li>• Cisco TelePresence Video Communication Server, v. X4.1 or later</li> <li>• Flexible bandwidth management (provisioning)</li> </ul>
<b>PC Requirements</b>	<ul style="list-style-type: none"> <li>• CPU depending on video resolutions to send/receive: <ul style="list-style-type: none"> <li>◦ A processor supporting SSE3 (such as Pentium 4 Prescott) or betterFor business-quality HD video, Cisco recommends using the Cisco TelePresence PrecisionHD™ USB camera and a 2 GHz Core 2 Duo processor or better.</li> <li>◦ Encoding VGA 30fps can be done on as low-end CPUs as the Intel Atom @ 1.6 GHz</li> </ul> </li> <li>• Operating system: <ul style="list-style-type: none"> <li>◦ Windows XP SP2 or newer</li> </ul> </li> </ul>

Specification	Description
	<ul style="list-style-type: none"> <li>◦ Windows Vista SP1 or newer</li> <li>◦ Windows 7</li> <li>• Web camera</li> <li>• Graphics and Sound               <ul style="list-style-type: none"> <li>◦ OpenGL version 1.2 or higher. Hardware support for DirectX 8 or higher</li> <li>◦ Any standard sound card (full-duplex, 16-bit or better)</li> </ul> </li> </ul>
<b>Mac Requirements*</b>	<ul style="list-style-type: none"> <li>• Macintosh computer with Intel x86 processor</li> <li>• Mac OS X 10.6 or later is recommended. Make sure to have the latest security updates installed</li> <li>• . For optimal experience Core2Duo @ 2GHz with 2 MB L2 cache per core is recommended</li> </ul>
<b>Camera Requirements</b>	<ul style="list-style-type: none"> <li>• Designed to support all windows compatible web cameras</li> <li>• For an optimal business quality video experience, Cisco recommends the Cisco® TelePresence Precision HD USB Camera</li> </ul>
<b>Certifications and Compatibility</b>	

\* Available Q3 2010 with Cisco TelePresence Movi™ v4 and Mac Client

## Ordering Information

To place an order, contact your Cisco sales representative.

**Table 3.** Ordering Information

Product Name	Part Number
<b>Ordering Requirements for the Cisco TelePresence Movi</b>	
<b>Cisco TelePresence Management Server</b>	CTI-TMS-APL-K9
<b>L-TMS-APL-PAK</b>	<b>Start with this Master PAK to see the available options listed below</b>
<b>Ordering Options for the Cisco TelePresence Movi</b>	
<b>Cisco TelePresence Movi – 25 user licenses</b>	L-MOVI-25
<b>Cisco TelePresence Movi – 100 user licenses</b>	L-MOVI-100
<b>Cisco TelePresence Movi – 500 user licenses</b>	L-MOVI-500
<b>Cisco TelePresence Movi – 2000 user licenses</b>	L-MOVI-2000

## 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 Movi™, 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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