Polycom® RealPresence® Mobile for Apple® iOS

Expand the reach of your video network to the mobile user, and interact face-to-face with your colleagues and customers from wherever you are.

Polycom® RealPresence® Mobile software is a mobile application client software with “meeting-on-the-go” ability. Not just with voice, but also with full, standards-based video that provides an engaging, face-to-face experience. Now you have access to video collaboration on your iPad or iPhone, wherever you are. Meet face-to-face with colleagues or customers and even collaborate on content right from your mobile device. Experience breakthrough control of room system experiences right from your personal iPad with innovative Polycom® SmartPairing.

Imagine this scenario: You are walking towards a conference room to start a video conference. On the way, you receive an urgent incoming video call from your director of operations in Germany on your iPad. It seems that there is a problem on the manufacturing line that needs your immediate attention. While on the call, you need to review and share latest design specifications with other stakeholders. The visual collaboration session is still going when you reach the conference room. You use Polycom’s industry-first SmartPairing™ technology to easily transfer the mobile video call to the videoconferencing unit in the conference room. Once transferred, your iPad becomes a wireless controller for your room system.

Business users require their mobile video collaboration to be reliable, high-quality, and secure and to resemble the experience they are used to in the conference room. Polycom’s patented technologies, Constant Clarity™, and strict compliance to industry standards means that a mobile video call can be completed from whatever wireless networks are available. Unlike competitive apps that struggle to connect in bandwidth-challenged areas, RealPresence Mobile software ensures call quality with no user interaction required.

As a standards-based application, the RealPresence Mobile solution seamlessly connects to the more than two million video conferencing systems deployed throughout the world. When combined with the Polycom® RealPresence® Platform solutions, you make multiparty calls easily, fully participate securely in the discussion, and even see content being shown in the meeting. Download the free app on your iPad® or iPhone®, and easily link to a video-enabled network of business devices anywhere.

Benefits
- **Ease-of-use** – Connect immediately with colleagues across the enterprise with a simple touch
- **Premier quality** – See every expression, hear every nuance of the conversation and convey your message with impact
- **Mobility** – Stay connected whether in the office or on the road
- **Confidence** – Trust that your mobile video communications will always connect, even in bandwidth-challenged locations
- **Flexibility** – Control the conference room system right from your personal Pad with the industry-first SmartPairing
- **Scale** – Expand your video-enabled network through centralized deployment, management and monitoring
Supported Hardware
- iPad
- The new iPad
- iPhone 4S
  - 16-64GB
  - WiFi

Supported Software
- iPad iOS 4.3.2 or later
- iPhone 4S iOS 5.1 or later

User Interface
- Polycom SmartPairing™ (iPad)
- Gesture-based multi-touch interface
- On-screen virtual keyboard
- Dual Camera switching
- DTMF
- Video and Audio Mute
- Self View
- Volume control
- Recent Calls List
- Contact List

Audio
- Encode
  - G.711u/A, G.722.1C
- Decode
  - G.711u/A, G.722.1C
- Automatic Gain Control (AGC)
- Automatic Echo Cancellation (AEC)
- Polycom Siren™ LPR
- Full duplex
- DTMF

Video
- H.264, H.264 SVC
- Encode
  - Up to 480 x 352/15 fps
- Decode
  - Up to 480 x 352/30 fps
- Camera selection
- Privacy mode
- Error resiliency

Content
- H.263+, H.264
- Encode
  - Up to 720p/4 fps (.pdf on iPad)
- Decode
  - Up to 720p/5 fps

Networks
- WiFi: 802.11 a/b/g/n
- 3G/4G

Peripheral Devices
- 3.5 mm headset
- Stereo Bluetooth® headset

Professional Features
- Available through the Polycom® Converged Management Application™ (CMA®) 4000/5000 and Polycom RealPresence® Resource Manager
- Microsoft® Active Directory® through Polycom® CMA® 4000/5000 software or Polycom® RealPresence® Resource Manager
- Single Sign-on through Active Directory credential check
- Simplified dialing by extension
- H.235v3 Media Streams
- AES Media Encryption
- H.239 Content Receive
- BFCP Content Receive
- FECC, Far End Camera Control (iPad)
- Centralized Provisioning
- Supported Languages: French, German, Simplified Chinese, Traditional Chinese, Japanese, Korean, Russian, English, and Spanish

Other Standard Protocols
- Signaling
  - H.323, SIP
  - H.460, Firewall Traversal

About Polycom
Polycom is the global leader in open standards-based unified communications (UC) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment. Polycom and its ecosystem of over 7,000 partners provide truly unified communications solutions that deliver the best user experience, highest multi-vendor interoperability, and lowest TCO. Visit www.polycom.com or connect with us on Twitter, Facebook, and LinkedIn to learn how we’re pushing the greatness of human collaboration forward.
Polycom® RealPresence® Mobile
for Android™

Expand the reach of your video network to the mobile user, and interact face-to-face with your colleagues and customers from wherever you are.

Polycom® RealPresence® Mobile software is a mobile application client software with “meeting-on-the-go” ability. Not just with voice, but also with full, standards-based video that provides an engaging, face-to-face experience. Now you have access to video collaboration on your Android powered smartphone or tablet, wherever you are. Meet face-to-face with colleagues or customers and even collaborate on content right from your mobile device.

Imagine this scenario: You access your email one moment, and take a video call from Germany at the start of the hour. After the call you take a quick coffee break where you see the latest sports scores. While waiting for a meeting, you look at updates to the floor plans of your new office. Before lunch, you call in to a video meeting with your team members who are on various unified communications (UC) devices and conference rooms spread around the country. For your lunch break, you go to the dentist. In the waiting room, you sit back and listen in real time to the quarterly business review. All this is handled on your favorite UC device: your device, now empowered with a standards-based video application, Polycom® RealPresence® Mobile.

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- **Premier quality** – See every expression, hear every nuance of the conversation and convey your message with impact
- **Mobility** – Stay connected whether in the office or on the road
- **Confidence** – Trust that your mobile video communications will always connect, even in bandwidth-challenged locations
- **Flexibility** – Beyond simple email and entertainment, leverage your personal mobile device for greater business use with video collaboration
- **Scale** – Expand your video-enabled network through centralized deployment, management and monitoring
Polycom RealPresence Mobile for Android Specifications

Devices
- ASUS Transformer Tab (TF300)
- HTC One X, One S, Jetstream
- Motorola XOOM™
- DROID XYBOARD 10.1 by Motorola
- Samsung Galaxy Tab™ (8.9", 10.1")
- Samsung Galaxy Tab 2 (7", 10.1")
- Samsung Galaxy Note, SII, SIII

Operating Systems
- Tablets
  - Android 3.1 and above
- Smartphones
  - Android 4.0 and above

User Interface
- Gesture-based multi-touch interface
- On-screen virtual keyboard
- Dual Camera switching
- DTMF
- Call Statistics
- Video and Audio Mute
- Self View
- Volume control
- Recent Calls List
- Contact List

Audio
- Encode
  - G.711u/A, G.722.1C
- Decode
  - G.711u/A, G.722.1C
- Automatic Gain Control (AGC)
- Automatic Echo Cancellation (AEC)
- Polycom Siren™ LPR
- Full duplex
- DTMF

Video (Motorola ZOOM, Samsung Galaxy Tab 10.1) Tegra 2 Based
- H.264
- Point-to-point calling
- Encode
  - Up to QVGA/15 fps
  - Up to 480 x 352/30 fps
- Decode
  - Up to HD/720p/30 fps
- Camera selection
- Privacy mode
- Error resiliency

Video (All other supported devices)
- H.264
- Point-to-point calling
- Encode
  - Up to QVGA/15 fps
  - Up to HD/720p/30 fps
- Decode
  - Up to HD/720p/30 fps
- Camera selection
- Privacy mode
- Error resiliency

Content (Motorola XOOM, Samsung Galaxy Tab 2) Tegra 2 based
- H.263 (non-nVidia Tegra 2 based tablet or phone)
- H.264
  - Receive up to 720p/5 fps

Content (All other supported devices)
- H.263+
- H.264
  - Receive up to 720p/5 fps

Networks
- WiFi: 802.11 a/b/g/n
- 3G/4G

Error Resiliency
- Polycom® Siren™ Lost Packet Recovery audio technology

Peripheral Devices
- 3.5 mm headset
- Stereo Bluetooth® headset

Supported Languages
- English

Other Standard Protocols
- Signaling
  - H.323
  - SIP
- H.460 Firewall Traversal

Professional Features
- Available through the Polycom® Converged Management Application™ (CMA®) 4000/5000 and Polycom RealPresence® Resource Manager
- Microsoft® Active Directory®
- Single Sign-on through Active Directory credential check
- Simplified dialing by extension
- H.235v3 Media Streams
- H.239 Content Recieve
- BFCP Content Receive
- AES Media Encryption
- Centralized Provisioning

*Professional features are available when supported tablets are connected to the Polycom® Converged Management Application™ (CMA®) 4000/5000 and Polycom RealPresence® Resource Manager

About Polycom
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FREQUENTLY ASKED QUESTIONS

Q4 2012 Launch: Polycom® RealPresence® Mobile v2.0

Frequently Asked Questions

Purpose
This document describes Polycom® RealPresence® Mobile v2.0 features, and answers many of the common product questions.

RealPresence Mobile is a software app to enable video calling between mobile devices and other standards-based, video-enabled environments. Beyond simple video conferencing, when powered by the Polycom® RealPresence™ Platform, mobile users are able to search corporate directories, share content, traverse secure firewalls, use multipoint calling, record, and stream while maintaining encrypted connections, in a reliable and resilient manner.

What are the new features of RealPresence® Mobile® v2.0?
RealPresence® Mobile® has been continually delivering great new functions, device support, and scale in the first year of release. Now, our award-winning app moves to the next level with industry-first, Polycom® SmartPairing™ for the iPad®, SVC support, user interface alignment with other Polycom endpoints, new high-scale firewall traversal capabilities with RealPresence® Access Director™, and enhancements for manageability.

How will these new capabilities benefit me?
Customers can immediately utilize the free SmartPairing wireless control of the Polycom® HDX® and RealPresence® Room Series right from their iPad while running in basic or professional mode. Larger organizations that have plans to move to mixed SVC/AVC calling can seamlessly transition at their own pace with new MCU software for the RealPresence universal video collaboration suite. Companies of any size can now begin to leverage the same consistent user interface from mobile to desktop to room systems for ease-of-use, and minimize training requirements and IT resource drain. The new, highly scalable, multi-protocol and secure RealPresence Access Director streamlines larger deployments of mobile users. Medium to large organizations now have even greater control on mobile device access and pre-configuration through RealPresence® Resource Manager.

How does RealPresence Mobile now scale to 10,000 devices and what are the requirements?
Polycom RealPresence Mobile will act as a simple device registration on the Polycom RealPresence Resource Manager, occupying a license as with previous releases. When provisioned by the RealPresence Resource Manager, RealPresence Mobile will automatically be enabled with professional features.
• Active Directory Services
• Client provisioning
• AES media encryption
• Content send (iPad)
• Far end camera control (iPad)
• Content receive

How does SmartPairing work?
Polycom SmartPairing technology is an industry-first innovation that uses ultrasonic sound waves to connect the iPad to the room system. Once paired, the RealPresence Mobile app on the iPad can control the room system much like a remote control does today. Users are able to place calls manually, through recent calls, contacts, and even the corporate directory when connected to the RealPresence Resource Manager or CMA® Series. This free new feature is available when running in basic or professional mode.

Where can I find out more about the SmartPairing feature?
SmartPairing details can be found in RealPresence Room system, Mobile, and HDX® user guides on the Polycom Support Web site.

Are there plans to enable SmartPairing on other mobile devices or operating systems?
Polycom is continually looking for ways to enable the most feature-rich experience and capabilities for its customers.

What are the requirements for the conference room systems to be able to use SmartPairing?
Polycom HDX Series must be at version 3.1. RealPresence Group System must be at version 4.0.2. Both systems must have a password assigned.

Is there a cost on the room system to support SmartPairing?
No. The function is free. Future room system software updates to support enhanced versions of SmartPairing may have chargeable upgrades.

Are there requirements for SVC support on the RealPresence Mobile app?
Yes, the mobile user will be able to use SVC benefits when connected into multipoint calls over the RMX® Series MCU.

Does SVC support require user intervention to turn on/off the feature?
No. The SVC protocol is a function of the bridge and does not require any setup or technological knowledge on the part of the end user.

Why is Polycom changing the user interface? How will the change benefit mobile users?
Polycom’s strategy is to align all endpoint user interfaces throughout 2012 and beyond. The alignment will streamline a user’s ability to move from one product or environment to another with ease. Workers will find video collaboration faster and easier to use resulting in increased productivity.

How will the new firewall solutions benefit my organization?
Polycom’s vision of ubiquitous video collaboration depends on access from anywhere in a secure manner. Many organizations have strict firewall policies that require flexible and high-scale solutions, but one-size does not fit all. Polycom RealPresence Access Director is a new offering that provides SIP and
H.323 traversal and operates in very high-scale. For more information please consult www.polycom.com. Additionally, H.460 firewall traversal protocol has been moved to the basic mode of operation and now works without a connection to Polycom management software.

**What devices are supported in RealPresence Mobile 2.0?**

- Apple devices: iPad 2, iPhone 4S, the new iPad
- Motorola devices: XOOM 10.1, DROID XYBOARD 10.1
- Samsung devices: Galaxy Tab, Note, SII, SIII, Tab 2
- Asus devices: Transformer Pad TF300
- HTC devices: One S, One X, Jetstream

**Is the new iPhone 5 supported?**

Availability of the iPhone 5 in some regions has limited Polycom’s ability to fully test and certify the new device. As the product becomes more prevalent, Polycom will test and support the iPhone 5. Mac OS 6.0 is generally available now and there are no restrictions from Polycom that would preclude a user from trying RealPresence Mobile v2.0 on the iPhone 5.

**How is far end camera control used?**

Far end camera control utilizes the industry standard to remotely control a PTZ (pan, tilt, and zoom-capable) camera. Once in a call, the iPad presents a far end camera control icon on the toolbar. After the icon is selected, the user is able to touch the tablet screen and pinch-to-zoom, pan, and tilt with an intuitive user interface. The far end camera control is currently available on the iPad only.

**What languages are supported?**

RealPresence Mobile v2.0 for iOS supports: Traditional Chinese, Korean, French, German, Russian, Japanese, and International Spanish. Global IT managers can easily deploy to and manage their customers in their local language, regardless of their location.

**What is the support model for the app?**

When connected to the Polycom CMA or RealPresence Resource Manager, RealPresence Mobile occupies a seat license as does any other endpoint. This seat license authorizes customers for support under their agreement. If users are not connected to the management platform, then they are entitled to unlimited support through the Polycom Support Community.

**When and where is the app available?**

The application is a free download available through the Apple App Store and Google Play marketplace. RealPresence Mobile version 2.0 is targeted for a November release.

**Why is Polycom restricting the deployment to the Apple App Store and Google Play marketplace?**

The Apple App Store and Google Play marketplace provide the best delivery method for our customers. The familiar interface they are used to using makes it extremely easy for them to find and download the app.

**What is the difference between the RealPresence Mobile app and consumer video apps?**

The Polycom RealPresence Mobile app is unique in that it is open standards-based and interoperable with over two million standards-based video systems currently deployed around the world. Other differentiators include a range of enterprise-class features, such as standards-based far end camera control, content sharing, centralized provisioning, management, media encryption, and firewall traversal—
to name a few. Unlike consumer software options, RealPresence Mobile securely authorizes users into the network for video communications through user authentication of network credentials.

**How does RealPresence Mobile work?**
The app is a software video client capable of placing video calls to other standards-based H.323/SIP endpoints and clients such as the Polycom RealPresence Room Series, RealPresence Desktop for Windows, HDX Series, CMA Desktop and Telepresence m100. The application functions in both a basic and professional mode.

**What is the difference between basic and professional modes?**
The RealPresence Mobile app runs in both basic and professional mode. The purpose of these two modes is to allow basic IP dialing with an easy transition to a feature-rich user experience for the enterprise user. The app is self-aware of connections to the RealPresence Platform and will automatically turn on all available professional features with no setup from the end user. Note: Polycom SmartPairing can be used free of charge to act as a remote control for Polycom room systems.

**How is basic mode used?**
Basic mode allows the user to enter an IP address of the remote system they would like to call. An example address would look like “192.168.1.101” or “user@host.com”

**Why would I use basic IP dialing?**
Most customers will use basic IP dialing as a way to test the app and to better understand how mobile video communications can benefit their organization. Basic IP dialing can be done by simply connecting a tablet to the same network as another tablet or a standards-based room system and dialing the other device.

**How is professional mode used?**
Professional mode is automatically enabled when the application is connected to the RealPresence Platform. The RealPresence Platform enables secure client access, application provisioning, standards-based content sharing, AES media encryption, firewall traversal, multipoint calling, recording and streaming, and far end (remote) camera control.

**What features are enabled in professional mode?**
- Active Directory
- Client provisioning
- AES encryption
- H.460 firewall traversal (H.460 support has been moved to the basic mode of operation and is now a free-use capability)
- Content send (PDF file format on iPad)
- Far end camera control (iPad)
- Content receive
- SIP firewall traversal with AcmePacket and RealPresence Access Director

**Is there different app to download to use Real Presence Mobile in professional mode vs. basic mode?**
No. Professional mode is automatically activated when RealPresence Mobile is connected to the Polycom CMA or RealPresence Resource Manager.
Are there other components required to deploy and enable the professional features?
The RealPresence Platform can be customized to fit the needs of most any customer environment. By installing various components, the organization can benefit from user management, multipoint calling, centralized call signaling, firewall traversal (H.323 and SIP support through AcmePacket), redundancy, recording, and streaming.

- **Video Resource Manager (CMA 4000/5000, RealPresence Resource Manager)**
  Polycom management software that provisions and manages Polycom RealPresence Mobile for Microsoft Directory Services, call speeds, and call signaling preferences. As an option, the CMA/RealPresence Resource Manager can be used as the gatekeeper. The purpose of a gatekeeper is to provide extension dialing like a telephone. Please note that each device registered to the CMA/RealPresence Resource Manager will occupy a license. For example, an end user that has one CMA Desktop and one RealPresence Mobile instance will consume two licenses on the CMA server. Each required mobile license is purchased for the CMA/RealPresence Resource Manager server.

- **Universal Video Collaboration (RMX Series)**
  RMX provides the additional multipoint calling capability required for the increased number of users with multiple devices. You are no longer restricted to the conference room or office for meetings, but can meet anywhere using a range of tablet devices. The exponential growth of devices on the network will drive higher use of multipoint resources.

- **Virtualization Manager (DMA 7000)**
  DMA provides a fully redundant call-signaling platform that supports H.323 and SIP call signaling, as well as gateway services to bridge the two signaling types.

- **Secure Access (RealPresence Access Director, VBP Series ST/E, AcmePacket)**
  Polycom’s standards-based SIP/H.323 secure access for the remote worker, vendor, B2B customer, and others is provided through several flexible traversal solutions delivering secure access into the corporate video network even when the remote user is NAT’s or behind a firewall.

What network types are supported?
Calls can use WiFi, 3G, and 4G (based on device capabilities) for the network connection, and H.323 and SIP for the call signaling protocols. In professional mode, RealPresence Mobile also supports multipoint calls across immersive, conference room, desktop, and tablet systems; content sharing; and other rich features.

Can the application work without a cellular service provider contract?
Yes. You can take full advantage of the app’s capabilities while your tablet or smartphone is connected in a WiFi coverage area.

My device has dual WiFi and 3G/4G networks. Will they both be supported?
Yes. Both networks are supported for calling. Depending on the connection, you may find WiFi supports a better call experience.

Can you explain how the app can connect with a Polycom HDX or RealPresence Room System device behind a firewall in an enterprise?
RealPresence Mobile running in professional mode supports multiple residential, public, and private environments using the H.460 standard and SIP firewall traversal through AcmePacket. The app can participate in the dial plan setup when registering to the CMA/RealPresence Resource Manager and dial the conference room by extension.
Can I use the app to call friends and family that are not on my enterprise network?
No. The RealPresence Mobile is an enterprise communications app and is secured to the employees authorized on your company video network.

Can I call Skype™ or similar non-enterprise-grade applications?
You can participate in calls connecting any standards-based video systems. Skype technology, however, is not based on accepted industry standards for business video communication.

What audio, video, and content protocols does RealPresence Mobile use?
H.264, G.722, Siren LPR, AEC, H.239 Content, BFCP Content, and Video LPR. For a complete list of supported protocols please review the product datasheets for Apple iOS and Android located on the Polycom Web site.

How can I use the app from outside the walls of my enterprise?
The professional mode of RealPresence Mobile allows users to call securely through their enterprise firewalls. The firewall traversal requires a Polycom RealPresence Access Director, VBP ST, AcmePacket, or VPN installation at the enterprise. Please consult your IT administrator for more information.

Can I see content being sent from HDX or RealPresence Room conference room systems?
Yes. When running in professional mode you can see content sent from any standards-based video conferencing system, including the Polycom HDX and RealPresence Room Series. Additionally, users on the iPad are able to send PDF content to call participants. Please consult the in-app help for a more in-depth tutorial.

How can I send content from the iPad?
PDF content can be sent from the iPad by accessing the document through a Web source, email, or online storage services. While in a call, users touch the content send icon and the content will be shared with the meeting participants. For more information about sending content, review the application 3-step tutorial or the help guide found on the Polycom Support Web site.

Are there plans to enable sending content on Android devices?
Polycom is continually looking for ways to enable the most feature-rich experience and capabilities for its customers. Please check the Polycom Web site regularly for updates.

Can I participate in multiparty calls? What is required?
Yes. The Polycom RMX Series can host hundreds of individual users on a variety of endpoints in a single call. Making a video call on the RMX is as easy as making a voice call. Please see your IT administrator for more information.

Can I participate in multiparty calls hosted on an embedded MCU?
Yes. All supported room systems that have an embedded MCU capability can host the mobile app in a call.

Can RealPresence Mobile act as a bridge to host a multipoint call?
No. The mobile client can participate in a multiparty call, but cannot host one.

Are there requirements for the RMX when using iOS devices?
No. iOS devices have no special requirements to operate with the RMX.
Is there a user guide or help file I can read?
Yes, Polycom provides release notes and help files on the product support page on the Polycom Web site.
Polycom® Telepresence Solutions

Polycom® RPX™ Solutions

Fully immersive solution delivering a 100% controlled, life-like experience.

- Realize low Total Cost of Ownership (TCO) with H.264 High Profile for lower bandwidth requirements
- Fits any group or class size with seating capacity from 4-28 people
- Full screen, cinematic view supporting 2 to 4 screens
- Superior realism delivered with high definition video and audio
- HD video, audio and flexible HD content sharing
- Purpose built for executive and boardroom meetings, corporate trainings and higher education
- Investment protection is ensured as a standards-based, interoperable solution, including TIP support

Polycom® OTX™ Solutions

Immersive Telepresence solution combining high performance with unique design elements for small groups.

- Realize low TCO with H.264 High Profile for lower bandwidth requirements
- Seats up to 4 (OTX 100) or 6 (OTX 300) on video, with flexibility for both telepresence and conventional in-person meetings
- Up to three 65-inch LCD displays create the illusion of sitting across the table from distant colleagues
- Easy to use – simple and consistent touch-screen user interface across all locations
- Auto-elevating 21.5-inch widescreen content displays (OTX 300 and OTX 100 Standard)
- Optional Complete Experience Kit includes rear wall and lighting package
- Investment protection is ensured as a standards-based, interoperable solution, including TIP support

Polycom® ATX™ Solutions

Customized Immersive Telepresence designed for integrators to create unique telepresence solutions.

- Powerful solutions for developing and deploying customized multi-codec, telepresence meeting rooms
- Flexible design options for nearly any customer requirement allow integrators to wrap telepresence technology with furniture, components, décor and services
- Lower total cost of ownership through the use of the H.264 High Profile video compression standard for reduced bandwidth requirements of up to 50%; opens telepresence to more customers
- Standards-based interoperability and native integration with leading UC solutions support a wide range of deployments environments, including TIP support

Polycom RealPresence Room Solutions

Polycom® RealPresence® Group (300, 500, 700) Series

Next-generation HD video, voice, and content sharing capabilities for conference rooms, classrooms, and meeting spaces across the enterprise.

- Breakthrough simple user interface speeds video adoption and lowers IT support costs
- Multiple control options, including Polycom SmartPairing™ technology so your employees can start collaborating instantly with their iPad
- 1080p60 video and content collaboration heightens realism and boosts meeting productivity
- Interoperable SVC delivers a great experience even on bandwidth-limited networks
- Lowest total cost of ownership, with up to 50% bandwidth savings via H.264 High Profile
- Enable more people to join calls without requiring a separate bridge with up to 8-way multipoint
- High-performance architecture meets your most demanding needs today and into the future
Polycom® HDX® 6000, 7000, and 8000 Series
Advanced solutions bring HD video, voice, and content sharing capabilities to conference rooms, classrooms, and meeting spaces across the enterprise.

- Fully standards-compliant, compatible with the over 2 million video systems deployed
- High definition video quality, up to 1080p
- Bandwidth efficient, using up to 50% less bandwidth than competitive solutions with H.264 High Profile
- Multiple ways to share HD content to fit the needs of any participant
- Legendary HD audio quality, including conversational Polycom StereoSurround™ technology

Polycom® EagleEye Director Solution
This camera tracking solution provides ‘studio production’ performance for enhanced interaction and productivity.

- Transforms a standard conference or class room into an immersive experience where every participant is seen clearly, even in a room of 20+ people
- Broadcast-quality camera locating – highlights, zooms in, and frames active speakers in optimal proportion
- Voice triangulation moves to the speaker’s voice, whether standing or sitting
- Face-finding technology looks for speaker’s face so errant noises are not a distraction
- Easily installed and configured with any Polycom HDX room telepresence system

Polycom® UC Board™
Innovative, first of its kind, solution for dynamic whiteboard collaboration over telepresence.

- Users find using the electronic stylus of the UC Board simple and natural with nothing to “turn-on”
- Comprehension is improved when all participants see the whiteboard as clearly as those sitting in the room
- Installation costs are minimal - use existing room infrastructure from whiteboards to LCD monitors
- Usability of telepresence increases, reducing costs in other areas and helping to achieve a fast ROI
- Increase productivity by having import capability of slides and export of all annotations to a USB drive

Polycom® Touch Control Interface
Place control of your telepresence and audio conferences right at your fingertips.

- Touch screen solution simplifies the telepresence experience
- Sleek, inviting 7-inch, high resolution screen in full color
- Intuitive graphical user interface shows the user only the options that they need to see at any given time
- Option for all Polycom HDX room telepresence systems
- Standard interface for Polycom OTX™ and RPX™ immersive telepresence solutions
- Option to control Polycom SoundStructure® deployments

Polycom® Quality Definition Experience™ (QDX™) 6000 Solution
The QDX system provides an optimal price-to-performance ratio for non-HD video applications.

- Simplified installation and ease of use
- Affordability speeds your return on investment (ROI)
- Superb audio clarity with Polycom StereoSurround™ technology
- Quality, performance, simplicity and affordability
- Improved collaboration with intuitive one-touch content sharing

Polycom RealPresence Desktop Solutions

Polycom® HDX® 4000 and 4500 Series
Polycom personal telepresence solutions are designed to bring high definition audio, video, and content to smaller spaces such as the executive desktop or small meeting room.

- Bright, crisp LCD display in 20-inch or 24-inch designs; also serves as the main or secondary PC display
- Easily add a secondary display via DVI port on HDX 4500
- Fully standards-compliant, compatible with the over 2 million video systems deployed
- High definition video quality, up to 1080p
- Bandwidth efficient, using up to 50% less bandwidth than competitive solutions with H.264 High Profile
- Multiple ways to share HD content to fit the needs of any participant
- Legendary HD audio quality, including conversational Polycom StereoSurround™ technology
- Add up to 3 other participants to any call through a 4-way optional MCU
Polycom® RealPresence® Desktop for Windows®

RealPresence Desktop for Windows frees business professionals from the traditional boundaries of the conference room, allowing them to enjoy video collaboration from their personal computers from anywhere. Polycom’s enterprise-class HD video software solution allows customers to pay-as-they-grow – start with a few software clients and grow up to 10,000 users. When connected to the RealPresence Resource Manager organizations can leverage app management, scalability, resiliency, security, multi-point and lifelike quality that users and IT managers demand.

- Share the industry’s highest-quality audio, video, and content though standards-based protocols
- Quickly search existing corporate directories for ease-of-dialing
- Select individual applications like spreadsheets, videos, presentations or share monitors all in HD quality
- Experience the value and benefit of SVC and AVC interoperability – producing optimized quality even over limited bandwidth wireless networks

Polycom® Converged Management Application™ (CMA®) Desktop Software

A video conferencing application for knowledge workers, the CMA Desktop solution ensures HD enterprise-grade quality video and voice communication and standards-based content sharing. The CMA Desktop application is supported by Windows® and Mac® platforms. Supporting both H.323 and SIP call signaling, the CMA Desktop provides an excellent, cost effective solution for today's networks and tomorrows protocols.

Polycom® Telepresence m100

The perfect software video collaboration solution for the small business delivering standards-based, premium quality audio, video and content sharing.

- Always on, always connected. Stay in touch with colleagues, customers from the office, home or while traveling
- Delivers standards-based, HD audio, video, and content
- Easy to use – Simple download and install wizard requires minimal technical knowledge
- Polycom Constant Clarity™ technology produces high-quality audio and video over less than optimal connections

Polycom® VVX® Business Media Phones

The Polycom VVX series is a family of business media phones that offer a combined high quality audio and video communications experience for busy professionals. These solutions rapidly integrate to a wide range of unified communications environments.

- Premium quality desktop voice and video solutions designed for organizations and businesses of all sizes and budgets
- Intuitive, expandable, business class phones designed for the multitasking needs and shifting schedules of busy managers and knowledge workers
- Quick payback and lower travel expenses. Empower each employee for the cost of only one business trip
- Ready to integrate into a wide range of unified communications environments

Polycom RealPresence Mobile Solutions

Polycom® RealPresence® Mobile Software

You’re mobile. You’re remote. Sometimes you’re in the office. Or working from home. Wherever you are, you need to collaborate face-to-face with colleagues, meet with customers, communicate with partners, patients, students, etc.

Polycom® RealPresence® Mobile instantly transforms your tablet or smartphone into a mobile videoconference system. Only Polycom combines the weblike ease-of-use of a self-service, one-touch software app with enterprise-grade security, reliability, scale and premier-quality.

- Free yourself from the office and conference room with the ability to meet anywhere
- Stay connected with a single device for phone calls, video conferences, email, content sharing, calendars and more
- Enjoy the same rich features normally found exclusively in conference rooms - simplified dialing, camera control, content sharing, multipoint and more
- Realize the lowest total cost of ownership benefits through extensive BYOD support
- Experience the value and benefit of SVC and AVC interoperability – producing optimized quality even over limited bandwidth wireless networks
Polycom® RealPresence® Platform

Video Resource Management

Polycom RealPresence Resource Manager
Polycom RealPresence Resource Manager helps IT organizations reduce ongoing management and maintenance costs and optimize video performance, and includes a rich suite of APIs for customized integration into the video network. With hardened Linux operating system, multi-tenant partitioning, and scale to 10,000 managed mobile, desktop and group video devices, confidently deploy and manage your video network with Polycom RealPresence Resource Manager application.

- Scale to 10,000 devices to manage H.323, SIP, AVC and SVC supported endpoints, bridges and recording servers
- Easy administration through comprehensive device monitoring, provisioning, management and software revision control
- Directories and presence engines provide simplified dialing
- API suite for direct integrations into your key applications and systems
- Multi-tenant support for cloud based hosting
- Scheduling options via Web GUI or APIs for a holistic application

Polycom® Converged Management Application™ (CMA™) 5000 and 4000 Solutions
The CMA solution manages and deploys video throughout the enterprise and allows organizations to fully video-enable personal workspaces, desktops, conference rooms, and mobile devices. Utilizing the built in Gatekeeper, makes the CMA 4000 a cost effective management solution for small to mid size businesses.

Management
- Profile provisioning
- Account management
- Software upgrades
- Centralized diagnostics
- Real-time conference monitoring
- Polycom RMX® portal

Gatekeeper
- Policy and BW management
- Participant admission
- Least cost routing
- Up to 5000 registered users
- Standards-based presence
- One-dial easy call solution

Scheduling
- Multiple scheduling options
- For Web and Microsoft Outlook and IBM Lotus® Notes® software

Directory
- LDAP/H.350 service
- Microsoft AD support Global address book (GAB)

Virtualization Management

Polycom® Distributed Media Application™ (DMA™) 7000 Solution
Mission critical application for unifying conferencing and collaboration networks, ensuring business continuity and maximizing UC investments. Includes call control for SIP and H.323 devices (AVC and/or SVC).

- Premier Scale – H.323 Gatekeeper/SIP Registrar for up to 75,000 devices & 64 bridges
- Exceptional Connectivity – SIP/H.323 Gateway (ex: connect UC/Voice users with HDX users)
- Unmatched Resiliency – Super cluster (up to 5 DMA nodes) and geographic redundancy
- Only solution for Guaranteed class of service and experience (silver/gold/platinum)
- API Suite – Increase end user productivity and lower administration cost via API for conference monitoring, provisioning users and VMRs, resource reporting and billing
- Provide resource management, load balancing, scale and resiliency for up to 64 Collaboration Servers, Codian 4x00, MSE 8000 MCU
- Native UC integration with Microsoft, Juniper, IBM

Universal Video Collaboration

Polycom® RealPresence® Collaboration Servers (RMX®) 1500, 2000, 4000
Polycom universal conference platforms are real-time media conferencing platforms designed with intelligence built-in—including dynamic resource allocation, network flexibility and reliability, and cost-effective scalability, all tightly integrated with major UC partners—connecting the most people in the highest quality at the lowest cost.

- Universal Bridging capabilities for seamless connectivity for multiple types of devices including H.323, SIP, ISDN, PSTN (phones & cell phones); support for both AVC and Polycom SVC solutions
- Call at any data rate, any bandwidth with support for resolutions up to 1080p, fully transcoded
- Use up to 50% less bandwidth with High Profile standard support
- Supports point-to-point calls with integrated dia-through gateway capabilities (ISDN, SIP and H 323)
- Supports advanced bridging capabilities for Polycom Immersive Telepresence Solutions
- Legendary audio quality, supporting StereoSurround, Constant Clarity and Conversational Stereo
- Native integration with Siemens OpenScape, IBM® Sametime®, Microsoft® OCS & Lync®, Avaya Aura® solutions
Polycom® RealPresence® Collaboration Server 800s, Virtual Edition
- Universal bridging capabilities for H.323 and SIP endpoints as well as AVC and Polycom SVC solutions
- Supports up to HD resolution for both AVC and SVC
- Supports mixed AVC/SVC calls for extreme flexibility
- Optimized for Mobile and Desktop video collaboration
- Legendary audio quality, supporting StereoSurround, Constant Clarity and Conversational Stereo
- Use up to 50% less bandwidth with High Profile standard support

Firewall Traversal & Security

Polycom® RealPresence® Access Director™
RealPresence Access Director provides secure video collaboration from anywhere, supporting SIP and H.323 devices and both AVC and SVC protocols. Users can connect their devices and mobile clients simply and easily – reducing the cost to support the growing number of video-enabled workers in your organization without compromising network security.
- Single server application that combines the remote and B2B calling scenarios with SIP and H.323 capabilities enabling a seamless video collaboration experience within and beyond the firewall
- Collaborate over video while on-the-go, in the office, or from home
- Support up to 1,000 simultaneous video calls securely without requiring additional client hardware or software
- Leverage existing investments in UC products and IT infrastructure and build towards a SIP based future.
- Easily, securely and reliably extend the use of video collaboration to your mobile workforce

Polycom® Video Border Proxy™ (VBP™) E Series and ST Series
- Simplifies – Inter and intra-company video communications
- Optimizes – Video quality by prioritizing video traffic
- Resolves – NAT/Firewall traversal problems for video and video
- Protects – Video and voice devices with an application firewall VBP E Application Layer Gateway
- Multiple options and sizes to fit the need of any organization – 1Mbps, 3Mbps, 10Mbps, 25Mbps, 85Mbps, or 200Mbps throughput

Video Content Management

Polycom® RealPresence® Media Manager
This powerful platform integrates with your existing IT system and network infrastructure to manage rich media by storing, cataloging, securing, and offering metadata search capability for your organization’s presentations and assets.
- Searchable, branded portal
- Viewer authentication and tracking
- Scalable live event Webcasting
- VOD pre-positioned
- Microsoft® SharePoint® and Lync™ integration

Polycom® RSS™ 4000 Solution
This network-based appliance records, archives, and streams telepresence and video conferences to desktops, mobile devices and conference rooms.
- Live and On-Demand H.264 streaming to Apple and Android devices.
- Stream to live audiences in up to HD 720p
- Automatically archive in HD 1080p
- Record directly from H.323 endpoints, Microsoft Lync clients, and MCUs
- Record up to 15 simultaneous conferences
- Full management and authentication with AD

Polycom® RealPresence® Broadcast Producer
This premier software enables you to produce live and on-demand interactive presentations for large audiences.
- Enterprise-class scalability
- Seamless Integration with existing systems
- Multi-publish points and optimized distribution
- Live audience tracking and interaction
- Multi-codec playback and multiple platform choices
- Full-featured presentation editing

Polycom® RealPresence® Capture Station
This media creation appliance is an easy-to-use solution that can transform any room into a studio for webcasting presentations that contain streaming video and audio synchronized with rich-media content.
- Live and on-demand Webcasting
- Multi-codec, platform and playback support
- Fully customizable interface and presentation editing
- Versatile input/output options
- Seamless integration with Polycom RealPresence Media Manager
Industry Solutions

Polycom® RealPresence® Practitioner Cart® 8000
Enables medical professionals to provide patients access to care regardless of time or distance constraints.
• Life-like experience with high Definition 720p 30/60 fps or 1080p video resolution
• Maintain eye contact through easy height adjustment
• Highly mobile, small footprint with enclosed technology compartment for security and spill protection
• Easy addition of medical peripheral devices and connection panel
• AES encryption for HIPAA compliancy; power system UL 60601 compliant for use in patient care environments
• Platform support for customer IT needs (laptop/PC)
• Provisioned for mobile operation with battery power

Installed Audio Solutions

Polycom® SoundStructure® Solution
Clear and immersive audio for more productive voice and video conferences.
• Easy installation and configuration, even for very large or complex systems
• Enhances audio quality for video conferences with deep robust integration with Polycom HDX systems
• Highly scalable solution leveraging Polycom’s exclusive OBAM architecture
• Expand functionality and protect your investment with optional modular telephony interface cards
• Multiple deployment options and maximum performance using flexible microphone, talker and loudspeaker placements with breakthrough feedback elimination

Mobile Communications

Polycom® SpectraLink® and KIRK® Wireless Phones
Allow on-site mobile employees to roam freely throughout the workplace while delivering continuously reliable and available voice and data communications. These solutions interoperate with a customer’s existing Voice over IP (VoIP) or time-division multiplexing (TDM) call control system, providing business-grade telephone functionality to a wireless device. By combining customers’ existing investments in wire line infrastructure and with the power of workplace mobility, businesses of all sizes realize enhanced worker productivity and deliver improved levels of service to their customers.
• Leverage existing infrastructure with the broadest PBX and WLAN interoperability
• Ensure clear communications with unsurpassed voice quality
• Protect your investments with industry’s most durable handsets
• Streamline business processes with extensive application and strategic partnerships
• Minimize down time with best-in-class service and support

Business Communications

Polycom® SoundStation® and VoiceStation® Conference Phones
Clear, productive calls from the industry standard for group voice conferencing in meeting rooms worldwide.
• Enjoy life-like audio conversations with HD Voice technology
• Engage everyone in the conference room with exceptional 360-degree microphone coverage and multiple coverage range options
• One-stop-shop for all your conferencing needs featuring the industry’s broadest portfolio with models designed for large rooms, standard conference rooms and private offices
• Leverage your existing communication investments with highly flexible connection options supporting analog, VoIP and digital PBXs

Polycom® SoundPoint® IP Family
The SoundPoint IP family features the most comprehensive, best-sounding, and the most interoperable high-quality IP phone solutions for small and medium-sized businesses and enterprises.
• Unrivalled voice quality for the richest desktop audio experiences – HD Voice
• Comprehensive product portfolio from basic entry level models to fully-featured multi-line devices
• Reliable devices designed for use in all business environments
• Leverage existing VoIP investment though interoperability with the industry’s broadest array of SIP call platforms
• Simple to operate and maintain with industry’s most robust SIP software and refined provisioning system
Polycom offers the most comprehensive portfolio of purpose-built voice and video collaboration solutions optimized for Microsoft Lync environments. These endpoints provide the most unified, intuitive, collaboration experience through enhanced Lync features including presence, plug-and-play ease of use and the most consistent UC experience from the desktop to conference room.

- Connect anytime, anywhere with the broadest portfolio of purpose-built devices optimized for use with Microsoft Lync
- Increase productivity and efficiency by combining all the features of Lync with Polycom’s industry leading HD technology
- Maximize return on investment by leveraging your existing Microsoft Lync infrastructure servers, and gateways.
- Reduce total cost of ownership through native integration providing plug-and-play functionality for easy deployment

Polycom Partner Network™ Strategic Alliances

The Polycom Partner Network encompasses many types of partners, including strategic alliances with leading companies who make some of the most popular business apps, including Microsoft, IBM, and HP. Together, we ensure Polycom® solutions are interoperable with the industry’s most popular business tools and most common UC environments.

Cisco Interoperability

Customers can confidently and seamlessly deploy Polycom voice and video solutions with Cisco Unified Communications Manager (CUCM) environments. With Polycom native support for TIP, Cisco TelePresence customers now have the freedom to seamlessly collaborate across standards-based telepresence and video conferencing platforms and scale their network with standards-based Polycom solutions that deliver flexibility, investment protection and lower operating costs.
Polycom Global Services

Polycom Global Services help customers realize the full potential of their investment in Polycom, regardless of where they are in the solution lifecycle.

In the design phase, we help customers lay the groundwork for a successful deployment whether that means translating our broad portfolio into the solution that will work best for your business or evaluating the network on which the video collaboration solution will reside. Beyond simple installation, when you’re ready to deploy Polycom has the expertise to integrate our products into a unified communications environment and the resources to project manage complex or geographically dispersed solutions. Once installed, Polycom maintains the technology at the level that meets your needs. Customers with mission-critical video deployments can even outsource the management of the technology to Polycom experts. Finally, to extend your return on investment, Polycom has a range of services to help you optimize infrastructure and endpoints.

Services Throughout the Solution Lifecycle

- RealPresence Analytics
- RealPresence Platform Optimization
- RealPresence Platform Upgrade
- RealPresence Endpoint Upgrade
- RealPresence Immersive Operations Management
- UC Network Monitoring
- Elite Service
- Advanced Access
- ImmersiveCare
- Premier
- Resident Technical Service
- Adoption Consulting
- Network Consulting
- SoundStructure Design and Programming
- Wireless Design
- Adoption Campaign
- Adoption Portal
- API Software Integration
- Implementation/Installation Services
- UC Integration Services
- RealPresence Migration Service
- Project Management
- Elite Service
- Advanced Access
- ImmersiveCare
- Premier
- Resident Technical Service
- RealPresence Immersive Operations Management
- UC Network Monitoring
- Elite Service
- Advanced Access
- ImmersiveCare
- Premier
- Resident Technical Service
- RealPresence Immersive Operations Management
- UC Network Monitoring

About Polycom

Polycom is the global leader in open standards-based unified communications (UC) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom RealPresence Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment. Polycom and its ecosystem of over 7,000 partners provide truly unified communications solutions that deliver the best user experience, highest multi-vendor interoperability, and lowest TCO. Visit www.polycom.com or connect with us on Twitter, Facebook, and LinkedIn to learn how we’re pushing the greatness of human collaboration forward.

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