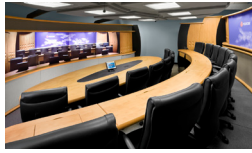


# Polycom® Telepresence and Video Products

## Immersive Telepresence

### Polycom® RealPresence™ Experience High Definition (RPX™ HD) 400 Series



Purpose built for executive and boardroom meetings, corporate trainings and higher education.

- Seating capacity from 8—28 participants
- Full screen, 48:9 cinematic view
- Facilitates large group meetings
- Fully immersive solution that creates the illusion of being in the same room

### Polycom RPX 200 Series

Comprehensive solution—designed for executive and board room meetings, project teams, and client engagements.

- Seating capacity from 4—18 participants
- Seamless 24:9 video wall
- Facilitates small to medium groups
- Superior realism delivered with HD video and audio



### Polycom Telepresence Experience® High Definition (TPX® HD) Series

Designed for management teams, small groups or client engagements.

- Seating capacity from 4—6 participants
- HD video, HD audio and flexible content sharing
- Up to three 60-inch plasma displays create the illusion of sitting across the table from distance colleagues
- Easy to use – Simple and consistent touch-screen user interface across all locations
- Investment protection – Standards-based and interoperable with over 2 million installed video conferencing systems

## Room Telepresence for A/V Integrators



### Polycom HDX™ 9000 Series

The ultimate high definition integrator's codec, designed to be the core of any visual communication deployment.

- H.323, SIP and H.320 standards support
- HD 720p 30 fps resolution
- Up to 4 Mbps, H.264 with Polycom HD Voice™
- H.239 Polycom People+Content™ and Polycom People+Content IP
- Polycom People On Content™ chroma key
- AES, HTTPS, TLS
- VCR/DVD input/output
- 4-way or 8-way HD embedded multipoint
- Single or dual 50-inch display on executive stand
- H.320 BRI, PRI or serial modules available
- Analog port for audio-only participants
- Serial port API support

## Room Telepresence

### Polycom HDX 8000 Series

Advanced solution bringing HD video, voice and content sharing capabilities to conference rooms, classrooms and meeting spaces across the enterprise.

- H.323, SIP and H.320 standards support
- HD 1080p 30 fps resolution
- HD 720p 60 fps
- Up to 6 Mbps, H.264 with Polycom HD Voice
- H.239 People+Content & People+Content IP
- People On Content chroma key
- AES, HTTPS, TLS
- VCR/DVD input/output
- 4-Way HD embedded multipoint
- Single/dual 42-inch display on pedestal or wall mount
- Single 50-inch display on pedestal
- Dual 50-inch display on executive stand (shown) or wall mount – H.320 BRI, PRI or serial modules available
- Analog port for audio-only participants
- Serial port API support



### Polycom HDX 7000 Series

Mainstream telepresence solution for organizations seeking to quickly and easily enhance collaboration by linking dispersed team members.

- H.323, SIP and H.320 standards support
- HD 720p 30 fps resolution
- Up to 2 Mbps, H.264 with Polycom HD Voice
- H.239 People+Content and People+Content IP
- AES, HTTPS, TLS
- VCR/DVD input/output
- 4-way SD embedded multipoint
- Single/dual 42-inch display on pedestal or wall mount
- Dual 50-inch displays on executive stand
- HDX stand or HDX wall mount (shown) options
- H.320 BRI, PRI or serial modules available



### Polycom HDX 6000 Series

A fully featured low-cost small group telepresence system that allows teams of people to easily connect over distance and enjoy high definition voice, video and content sharing.

- H.323 & SIP standards support
- HD 720p 30 fps resolution
- Up to 2 Mbps, H.264 with Polycom HD Voice
- H.239 People+Content and People+Content IP
- AES, HTTPS, TLS
- Single 42-inch or 50-inch display on HDX pedestal (shown) or wall mount



## Personal Telepresence

### Polycom HDX 4000 Series

High definition video solution for executives to regularly communicate over video from their offices and require the best high definition experiences, with the option to easily share content with others.

- H.323, SIP & H.320 standards support
- HD 720p 30 fps
- Up to 4 Mbps H.264 video with Polycom HD Voice
- 20.1-inch widescreen display with keypad
- H.239 People+Content and People+Content IP
- People On Content chroma key technology
- AES, HTTPS and TLS
- 4-Way SD embedded multipoint
- H.320 BRI, PRI or serial modules available
- Analog port for audio-only participants



### Polycom VVX™ 1500 D Business Media Phone

Unifies voice, video and applications capabilities in a simple-to-use business media phone. Unique touch screen interface makes video calls as simple as using a phone.

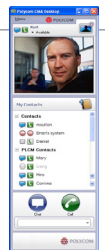
- Native, simultaneous H.323 and SIP standards support
- Six-line, feature-rich Polycom IP phone with a certified call control system
- Up to CIF (768kbps) H.263, H.263+ and H.264 video with Polycom HD Voice
- Records audio calls locally via USB port
- Polycom's Open API for third party applications
- Adjustable camera, base, and display
- AES, HTTPS and TLS
- Integrated gigabit switch with PoE
- Seamlessly connects to other standards-based room systems and MCUs



### Polycom Converged Management Application™ (CMA™) Desktop

Desktop video conferencing application for knowledge workers enabling high-quality video and voice communication and standards-based content sharing.

- H.323 standard support
- HD 720p receive video
- Up to 2 Mbps H.264 video with Polycom HD Voice
- H.239 content
- Uses Polycom CMA Directory or your corporate directory
- Chat with one or multiple users
- AES & far-end camera control
- External connectivity with access proxy
- Included with the Polycom CMA 4000/5000 solutions



# Polycom® Telepresence and Video Products

## Management Application

### Polycom Converged Management Application™ (CMA™) 5000 and CMA 4000

Highly scalable and fully redundant application that manages and deploys highly scalable video throughout the enterprise. Allows organizations to fully video-enable personal workspaces, desktops, conference rooms, mobile devices and more



#### Management

- Profile provisioning
- Account management
- Software upgrades
- Centralized diagnostics
- Real-time conference monitoring
- RMX Portal

#### Gatekeeper

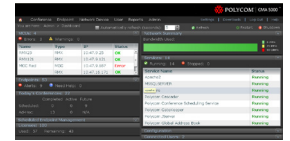
- Policy and BW management
- Participant admission
- Least cost routing
- Up to 5000 registered users
- Standards-based presence
- One-dial easy call solution

#### Directory

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

#### Scheduling

- Multiple scheduling options
- Web, Microsoft® Outlook, Lotus Notes
- Scheduling wizard
- Free/Busy
- Resource reservation
- GAB & AD integration



## Conference Platforms

### Polycom RMX™ 4000

The ultimate collaboration solution featuring highly scalable design with redundancy built-in, ideal for large enterprise and service provider environments.



### Polycom RMX™ 2000®

Standards-based collaboration solution, ideal for medium-to-large organizations. Delivers high quality performance, scale, and cost-effective integration of IP (H.323 and SIP), PSTN and ISDN conferencing services.



### Polycom RMX™ 1000

Easy to set up, easy to use and a powerful tool for collaboration for small to mid-size organizations and enterprise branch offices. Provides intuitive, high quality multipoint conferencing to end users



Resolution	Resources
Voice	1600
CIF/HD video switching	320
SD/4CIF	120
HD 720p 30fps	80
HD 720p 60fps	40
HD 1080p 30fps	40

- Standards-based and scalable multipoint conferencing
- Resolutions up to 1080p
- H.323, SIP, PSTN and ISDN on a single chassis
- Telepresence option offers a variety of immersive telepresence layouts
- On demand or scheduled calls
- Integrated dial-through gateway capabilities
- Polycom Video Clarity™ up-scales non-HD video streams
- Polycom Lost Packet Recovery™ protects conference quality
- Modular with hot-swappable parts
- Redundant AC/DC power supplies
- Flexible and fixed resource capacity options
- Integration with Polycom DMA 7000 delivers unmatched scale and reliability

Resolution	Resources
Voice	800
CIF/HD video switching	160
SD/4CIF	60
HD 720p 30fps	40
HD 720p 60fps	20
HD 1080p 30fps	20

- Standards-based multipoint conferencing
- H.323, SIP, PSTN and ISDN on a single chassis
- Integrated dial-through gateway capabilities
- On demand or scheduled calls
- Polycom Video Clarity™ up-scales non-HD video streams
- Polycom Lost Packet Recovery™ (LPR™) protects conference quality
- Modular with hot-swappable parts
- Telepresence option offers a variety of immersive telepresence layouts
- Flexible and fixed resource capacity options
- Integration with Polycom DMA 7000 delivers unmatched scale and reliability

Resolution	Resources
Voice	20
CIF/HD video switching	20
HD/SD/4CIF	10

- IP-only multipoint conferencing
- Polycom Video Clarity up-scaling and Polycom L QoS
- Cost-effective multipoint solution
- On demand or scheduled calls Polycom Video Clarity™ up-scales non-HD video streams
- Polycom Lost Packet Recovery protects conference quality
- H.239 cascade links between Polycom MCUs

## Distributed Media Application



### Polycom Distributed Media Application™ (DMA™) 7000

Fully redundant and resilient platform that utilizes advanced routing policies to distribute audio and video calls to multiple media servers. Optimizes conference experiences and uptime by automatically circumventing bridge issues, network outages, and downtime during upgrades and maintenance.

- Centralized administration and provisioning
- Manages port allocation across multiple MCUs
- Load balancing to maximize utilization
- Less impact in fault scenarios
- Redundancy with no single points of failure
- Uneven usage less likely
- Intelligent routing for better resource utilization
- Routing happens in real time, not beforehand
- Up to 10 MCUs and 1200 concurrent calls

## Security and Remote Access



### Polycom Video Border Proxy™ E (VBP™ E) (application layer gateway)

Enables one public IP to serve all the video communications needs, and with availability for bandwidths from 1 Mbps to 85 Mbps, IT managers can configure the Polycom VBP E series for decentralized dial plans. Ideal secured for business to business collaboration.

- VBP E ALG - No external registration required
- 3 Mbps, 10 Mbps, 25 Mbps or 85 Mbps
- H.323 application-aware firewall
- NAT/PAT server hides enterprise LAN topology
- Media routing via the shortest possible path
- Traffic management capabilities
- AES, HTTPS and SSH
- Embedded gatekeeper support
- External LAN/WAN gatekeeper support

### Polycom VBP ST

Enables remote users the same services and experience as the internal users. Bandwidths throughput from 10 Mbps to 85 Mbps. VBP ST series are ideal for centralized dial plans.

- VBP ST AP – Requires external registration
- 10Mbps, 25Mbps or 85Mbps
- ITU-T H.460 18/19 standard support
- Firewall traversal for H.323 devices
- Call directory services from Polycom CMA server
- XMPP presence via Polycom CMA Server
- AES, HTTPS, TLS, SSH
- Protects devices from network-based attacks
- Access proxy for Polycom CMA Desktop (no VPN required)

# ▶ Polycom® Telepresence and Video Products

## Recording and Streaming



### Polycom RSS™ 4000

Network-based appliance that records, archives, and streams telepresence and video conferences to desktops, conference rooms, and more.

- Stream to live audiences in up to HD 720p
- Automatically archive in HD 1080p
- Record directly from H.323 endpoints and MCUs
- Record up to 15 simultaneous conferences
- Full management and authentication with AD
- Redundant RAID hard drives & Power supplies

## Video Content Management



### Polycom Video Media Center™ (VMC™) 1000

Content management system that streams telepresence and video conferences, live broadcasts, training sessions and more to thousands of employees, customers and partners.

- Upload content from multiple sources
- Organize, manage and track large libraries of video
- Video-on-demand media management
- Unicast and multicast support
- Management of multiple Polycom RSS servers
- Create and schedule live broadcasts

## Installed Voice Solutions



### Polycom SoundStructure®

System that delivers clear and immersive audio for more productive voice and video conferences.

- Deep robust integration with HDX systems
- Breakthrough feedback elimination
- Modular PSTN telephony cards
- Stereo echo cancellation from 20 Hz to 22 kHz
- AEC with no compromises

## Integrated Video and Voice Solutions



### Polycom SoundStation® IP 7000

Table top solution that integrates with Polycom HDX Room Telepresence solutions for high quality conferencing

- Connects directly to any HDX
- Replaces HDX Microphone Arrays
- Dial Audio or Video Calls from IP 7000 phone
- Start content sharing right from the phone
- 20-foot Microphone Pickup Range
- Use HDX table mic arrays as Extension Mics

## Microsoft Collaboration Solutions



### Polycom CX 5000

Unified collaboration solution that integrates voice, video, and data collaboration.

- Used with Microsoft Office Communications Server or LiveMeeting
- Automatically focus on the current speaker
- A 360-degree view of the conference room
- USB plug-and-play features for easy setup and use

## Industry Solutions



### Polycom Judicial Wall Units

Video system that support one-to-one and one-to-many communication in courtrooms, offices, conference rooms, prisons, visitation centers and other meeting areas.

- 17-inch display in a fully lockable cart
- 80-lb. (36 kg), 14-gauge steel cabinet
- 3/8" unbreakable transparent Lexan® window

## PC Speakerphone



### Polycom Communicator™ C100 and C100S

Integrates with CMA desktop, as well as a growing number of certified IP soft phones. The C100S is Skype certified.

- Hands-free functionality
- Polycom HD Voice™ for high-fidelity sound
- Echo cancellation and full duplex technology
- Connects and powers through the USB cable



### Polycom CX100, CX200, CX300 and CX700

The Polycom CX product family delivers the high quality, high definition wideband audio experience users expect from Polycom.

- Works with Office Communications Server 2007
- Optimized for MS Office Communicator
- Convenient buttons for controlling calls
- High definition audio for best possible voice and video calls

### Polycom Instructor™ FS

Combines video conferencing and interactive white boarding into a single cost-effective, powerful package.

- HD 1080p 30 fps or 720p 30/60 fps
- 50-inch flat-panel plasma display
- Powered by HDX and smart technologies
- Small size and weight makes it easy to move
- Simple touch-screen controls



## Accessories



### Polycom HDX Ceiling Microphone Array

Conferencing accessory that delivers high quality audio across a 360-degree area, giving focus to the active speaker without physical intervention.

- Connects directly to any HDX system
- 360-degree voice pickup
- Three microphone elements
- Easy and flexible installation
- Unobtrusive design
- Available in black or white

## Cisco® Certified Solutions

### Polycom VVX™ 1500 C

Certified for interoperability with Cisco's Unified Communications Manager, Polycom standards-based solutions extend interoperable telepresence across UC environments.

- Integrates seamlessly into Cisco UC environments
- Connects to CUCM via SIP
- Can maintain dual-stack H.323 connection
- As easy as making a telephone call
- Simplifies multimedia communications



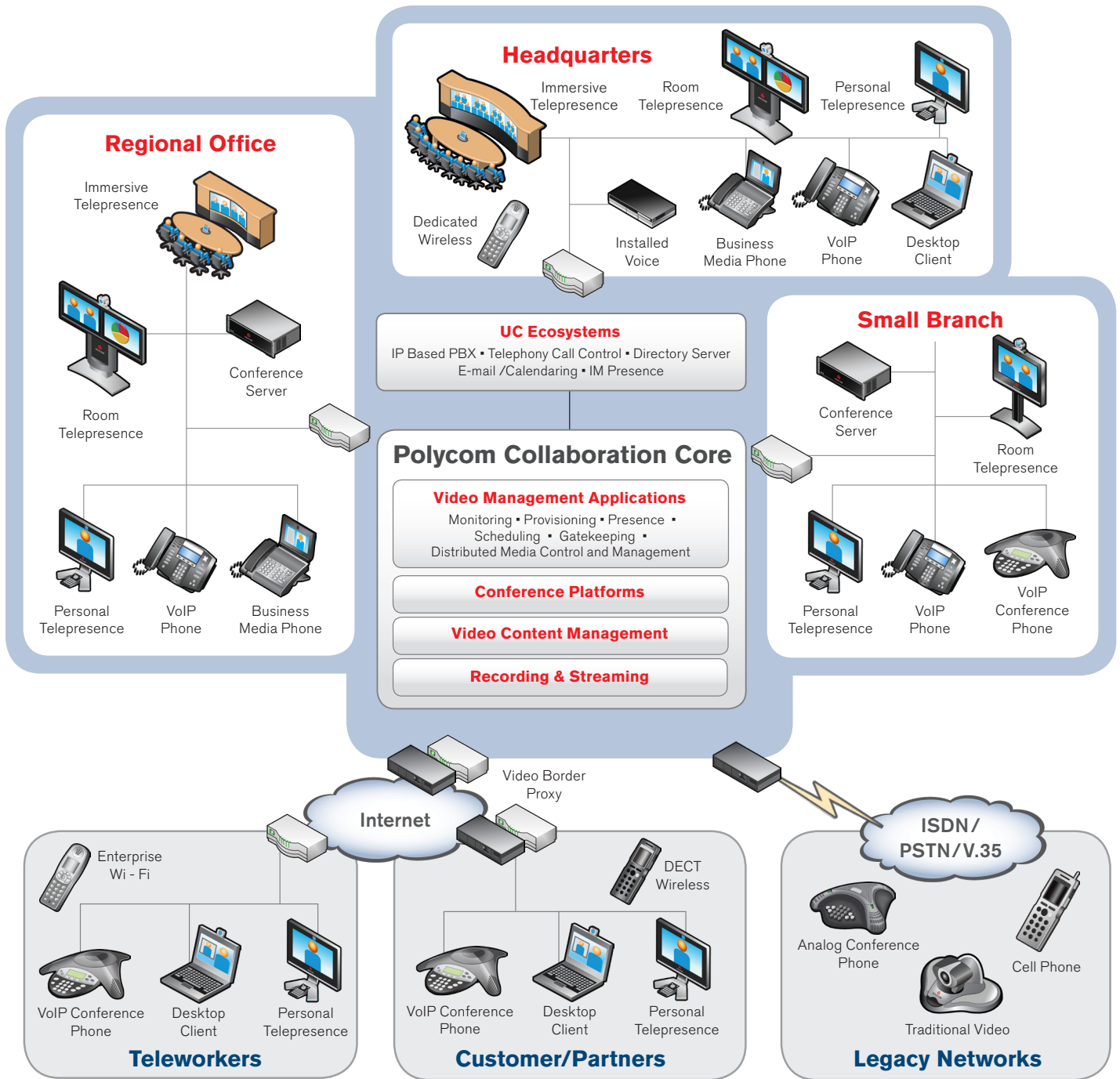
### Polycom Practitioner Cart™

A mobile solution that brings high definition video, audio and image sharing to medical professionals and patients located anywhere.

- HD 1080p 30 fps or 720p 30/60 fps
- 26-inch LCD with integrated speakers
- Highly mobile, small footprint
- AES encryption for HIPAA Compliance
- Height is adjustable to maintain eye contact



# ▶ Polycom® Solution Architecture



▶ The complete Polycom Product portfolio can be found at [www.polycom.com](http://www.polycom.com)

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