## Polycom® Desktop Phone Guide

<table>
<thead>
<tr>
<th>Business Media Phones</th>
<th>VVX® 500</th>
<th>VVX® 600</th>
<th>VVX® 1500</th>
<th>VVX® 1500D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overview</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Summary</strong></td>
<td>An affordable Performance Business Media Phone delivering best-in-class desktop and Unified Communications for busy professionals.</td>
<td>A Premium UC Business Media Phone integrating real-time presence, advanced telephony, and business applications into a modern communications experience</td>
<td>The first Business Media Phone combining advanced IP telephony, one-touch video and integrated business application into a seamless, lifelike experience.</td>
<td>An easy-to-use dual stack Business Media Phone for H.323 and SIP environments.</td>
</tr>
<tr>
<td><strong>Application Target</strong></td>
<td>Knowledge Worker/Professional’s Office, Call center</td>
<td>Managers, Executive Administrators, Small and Medium Business Owners</td>
<td>Executive Office/Manager’s Office/Professionals</td>
<td>Executive Office/Manager’s Office/Professionals</td>
</tr>
<tr>
<td><strong>User Interface Features</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LCD Display</strong></td>
<td>3.5 in TFT LCD Display</td>
<td>4.3 in MVA LCD Display</td>
<td>7 in TFT LCD display with adjustable screen angle</td>
<td>7 in TFT LCD display with adjustable screen angle</td>
</tr>
<tr>
<td><strong>Touch Display</strong></td>
<td>Gesture based, capacitive touch</td>
<td>Gesture based, capacitive touch</td>
<td>Resistive touch screen interface</td>
<td>Resistive touch screen interface</td>
</tr>
<tr>
<td><strong>Unicode Character Support</strong></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Video Features</strong></td>
<td>Video Conferencing</td>
<td>Video Conferencing</td>
<td>Video Conferencing</td>
<td>Video Conferencing</td>
</tr>
<tr>
<td><strong>Audio Features</strong></td>
<td>Polycom HD Voice™ Technology</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Full Duplex Speakerphone with Acoustic Clarity Technology</strong></td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Basic Features</strong></td>
<td>Lines (Registrations)</td>
<td>12</td>
<td>16</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Dual-stack H.323/SIP</td>
<td>•</td>
<td>•</td>
<td>• (With H.323 license)</td>
</tr>
<tr>
<td></td>
<td>Line/Speed Dial keys</td>
<td>12</td>
<td>16</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Polycom® Teleworker Solution</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>Busy Lamp Field (BLF) Functionality</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Advanced Features</strong></td>
<td>Polycom Productivity Suite™</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>Polycom Desktop Connector</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>Polycom MyInfoPortal (Weather, News widgets)</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>WebKit-Based Full Browser</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>Exchange Calendar Integration</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>USB Call Recording</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>Bluetooth</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>USB Port</td>
<td>2 x USB 2.0</td>
<td>2 x USB 2.0</td>
<td>1 x USB 2.0</td>
</tr>
<tr>
<td></td>
<td>Ethernet Port</td>
<td>2 x 10/100/1000</td>
<td>2 x 10/100/1000</td>
<td>2 x 10/100/1000</td>
</tr>
<tr>
<td>SoundPoint® IP Desktop Phones</td>
<td>SoundPoint IP 321/331</td>
<td>SoundPoint IP 335</td>
<td>SoundPoint IP 450</td>
<td>SoundPoint IP 550</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------</td>
<td>------------------</td>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>Overview</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Application Target</strong></td>
<td>Cubicle/Common Area</td>
<td>Cubicle/Call Center</td>
<td>Cubicle</td>
<td>Manager/Professional’s Office</td>
</tr>
<tr>
<td><strong>User Interface Features</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LCD Display</strong></td>
<td>102 x 33 pixel backlit</td>
<td>102 x 33 pixel backlit</td>
<td>256 x 116 pixel backlit graphical</td>
<td>320 x 160 pixel backlit graphical</td>
</tr>
<tr>
<td><strong>Unicode Character Support</strong></td>
<td>European character set</td>
<td>European character set</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Expansion Module Support</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio Features</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polycom HD Voice™ Technology</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Full Duplex Speakerphone with Acoustic Clarity Technology</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Telephony Keys</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line/Speed Dial keys</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Context-sensitive Soft Keys</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Display/Menu Navigation Keys</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Maximum Simultaneous Call Totals</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td><strong>Advanced Features</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>XML Microbrowser</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>PTT and Multicast Group Paging</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Busy Lamp Field (BLF) Functionality</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Premium ACD and Hoteling</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIP</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>USB Port</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethernet</td>
<td>IP 321 – 1 x 10/100</td>
<td>2 x 10/100</td>
<td>2 x 10/100</td>
<td>2 x 10/100</td>
</tr>
</tbody>
</table>

© 2012 Polycom, Inc. All rights reserved. Polycom®, the names and marks associated with Polycom’s products are trademarks and/or service marks of Polycom, Inc. And are registered and/or common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient’s personal use, without the express written permission of Polycom.
Polycom® CMA® Desktop for Windows® and Mac OS® X

High-quality, standards-based video collaboration for both Mac and PC users

The Polycom® Converged Management Application™ (CMA®) Desktop application is a robust and full-featured video software client that enables face-to-face communication across environments and operating systems. Now with feature parity for Mac and PC, and the addition of SIP Support, the CMA Desktop 5.2 solution is an easy, cost-effective, and secure way to work from anywhere.

The CMA Desktop software is centrally deployed and managed by the Polycom Converged Management Application (CMA) 5000/4000 system, a standards-based management application which enables large-scale directory services, centralized provisioning, and management for thousands of video endpoints, including high definition telepresence, legacy video conferencing systems, and other video infrastructure components. Teams and individuals are able to securely connect with any standards-based H.323 or SIP video conferencing room, telepresence suite, Windows-based desktop, and other Max OS X clients, giving them the ability to work with disparate and global teams from anywhere.

The Polycom CMA Desktop solution accelerates the benefits of mobile and desktop communications across the entire organization by delivering high-quality video and voice communications and standards-based content sharing. Easy to learn and highly intuitive, CMA Desktop software allows users to simply point and click to call to collaborate with colleagues over video from any place, at any time. Users can quickly verify contact availability and status, initiate chat conversations through instant messaging, and conduct sidebar conversations with multiple individuals.

Polycom CMA Desktop clients are managed and monitored within the same video ecosystem as telepresence and traditional video conferencing systems, providing a powerful solution that spans all video client environments. The client enables IT administrators to have unprecedented provisioning, management, and reporting capabilities for successfully deploying desktop video across the organization. Polycom CMA software centrally controls user permissions through Microsoft® Active Directory® credentials, and manages endpoint software. Up to 5000 registered clients, including a mixture of Polycom CMA Desktop, telepresence, and traditional video conferencing systems can be supported.

Benefits

- Secure business-grade video and audio right from your Mac or PC desktop
- Centralized deployment and management supporting up to 5000 registered clients
- Advanced provisioning for setting client access rights and capabilities prior to deployment.
- Microsoft® Active Directory® integration for simplifying management and to help ensure access to accurate contact information for everyone in the organization
- Ease-of-use with a powerful and simple click-to-call interface
- Deployment is not restricted by the user’s physical location, use in the office or on the road with ease
- Consistent usability across the entire video network reduces learning curve and increases productivity
- Cost-effective way to video-enable the entire workforce on one network with a one-time fee
Software and hardware specifications

Protocols used
- SIP
- H.323
- LDAP/H.350
- XMPP
- HTTPS/XML Provisioning
- AES—Media encryption
- Polycom LPR™
- H.323 Content, H.239 dual stream
- SIP Content, BFCP
- H.224/H.281 far-end camera control
- H.225, H.245, H.241
- H.460 NAT/firewall traversal
- H.235 security
- DNS
- NTLMv1, NTLMv2

Windows OS requirements
- Supported Microsoft PC Operating Systems:
  - Windows XP with Service Pack 2 or later
  - Windows XP Professional—32 bit
  - Windows XP Home Edition—32 bit
  - Windows Vista® with Service Pack 1 or later—32 bit, 64 bit
  - Windows Vista Ultimate, Enterprise, Business
  - Windows Vista Home Premium, Basic
  - Windows 7 Ultimate, Enterprise, Professional
  - Windows 7 Home Premium, Basic
  - DirectX 9.0b—10.0 compatible adapter.
  - Note: Only the English version of Windows OS is supported.
  - Adobe® AIR® 2.0 or above

Mac OS requirements
- Supported Operating Systems:
  - Mac OS X 10.6 Snow Leopard
  - Mac OS X 10.7 Lion
  - Models: Systems with x86 processor (with the exception of MacBook Air®, unless CPU load is low and ambient temperature is cool)
  - Adobe AIR 2.0 or above

Audio standards & protocols
- 20 kHz with G.719
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.729A to G.729a
- Full duplex audio
- Echo cancellation
- Automatic gain control (AGC)
- Polycom Siren LPR technology
- Polycom Siren 14 at 24kbps, 32kbps and 48kbps

Network access
- Network 128 kbps and above
  (Cable, DSL, or LAN)
Supported USB cameras
- USB 2.0 Web Cameras: Microsoft LifeCam HD-5000, HD-6000, HD-7000, LifeCam Cinema®, LifeCam Studio, Logitech® C100, C210, C270, C310, C640, C660 and C905, Logitech Webcam Pro 9000, Logitech QuickCam® Vision Pro for Mac®
- Integrated Cameras: iSight® built-in camera, Lenovo® integrated Webcam

Supported audio devices
- Integrated Microphones; Lenovo integrated webcam. Built-in microphone on MacBook®, MacBook Air, MacBook Pro, iMac®, and Apple Cinema Display® (LED). Logitech QuickCam Vision Pro and Logitech 2MP Webcam C600
- Polycom has fully qualified the Audio devices listed above for interoperability with the CMA Desktop video client on both Windows and Mac OS. Other devices may also work with CMA Desktop.

General
- Client-supported languages: English
- USB input device selection capability from in-call window

Languages
- Simplified Chinese, Traditional Chinese, English, French, German, Japanese, Korean, Russian, and International Spanish.

About Polycom
Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit www.polycom.com or connect with Polycom on Twitter, Facebook, and LinkedIn.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com

© 2012 Polycom, Inc. All rights reserved. Polycom®, the names and marks associated with Polycom's products are trademarks and/or service marks of Polycom, Inc. And are registered and/or common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient’s personal use, without the express written permission of Polycom.
Polycom® Telepresence m100

The #1 standalone, standards-based, business-class desktop video app in the world

Mobile and desktop users can now experience the freedom of HD-quality visual communications from anywhere. Unlike competitive systems, the Polycom® Telepresence m100 solution utilizes industry standard protocols, allowing seamless connection to the millions of room and immersive telepresence systems in use today worldwide. Users can enjoy person-to-person calling or even one-to-many through a video bridge. Within minutes, the simple software can be downloaded and installed. Users can search for contacts, friends, and colleagues in their directory and simply click-to-call.

Telepresence m100 solution is perfect for small and medium businesses that need a cost-effective way to add to their communication tools. The intuitive interface lets users search directories for colleagues or friends and click a name to call, discuss projects and share virtually anything from their desktop to remote participants and teams.

Larger organizations will use the software to conduct efficient talent interviews and build vendor relationships. The software also gives remote users the ability to simply download the software-based video client to stay connected to these large organizations without providing expensive transportation. Remote users can stay connected to large organizations without expensive and reoccurring travel or less than adequate communication devices. Vendors and contractors are no longer required to be onsite, saving company office space requirements. This flexible and secure software offers a powerful, low-risk and standards-based way to build relationships.

For users of group conferencing systems, the premium performance and advanced features of the Polycom Telepresence m100 solution will perfectly integrate and complement larger room systems while maximizing end-to-end conferencing and collaboration quality.

The Telepresence m100 solution offers a number of innovative features, including Polycom Constant Clarity™ technology. Even when Internet connections are less than optimal, Constant Clarity technology protects visual communications with the same technology used in premium-grade immersive telepresence solutions.

In today’s Internet-driven world, the ability to conduct real-time communication and collaboration is critical to an organization’s survival. As the market leader in unified collaboration, our award-winning conference technology makes it easy for people to interact and maximize productivity with high-quality voice, video and content sharing—over any network, anywhere around the globe. That’s why more organizations worldwide use and prefer Polycom conferencing solutions. To meet the needs of a large deployment above 100 users, consider the Polycom CMA® Desktop enterprise solution.

Benefits

• Premier-quality audio, video, and content – Crisp high resolution video with H.264 High Profile technology, high fidelity 14 kHz audio, and HD content sharing

• Simple and easy to use – Along with an easy-to-use interface similar to your favorite chat program, click-to-call features and organization directory offer more benefits without extra complications

• Mobility – Always on, always connected. Stay in touch with colleagues and customers from the office, home, or while traveling

• Superior innovation – Polycom Constant Clarity™ technology produces high-quality audio and video over less than optimal Internet connections

• High return on investment – Works with existing hardware and software solutions from other Polycom Telepresence m100 users to room systems using H. 323 and SIP

• Low total cost of ownership – User-friendly download requires little to no IT staff support to install or maintain. Using standard USB cameras that are often already in place is also cost effective
Product Specifications

Protocols used
- H.323
- SIP
- SIP Content BFCP
- H.323 Content H.239
- LDAP/H.350
- AES-Media encryption
- H.460 Firewall Traversal

Audio
- 20KHz with G.719
- 14kHz with Polycom Siren 14
- 7kHz with G.722, G.722.1
- 3.4kHz with G.711, G.728
- Full Duplex Audio
- Echo Cancellation
- Automatic Gain Control (AGC)
- Automatic Noise Suppression (ANS)
- Voice over IP (VoIP)

Video
- H.261, H.263, H.263+, H.264
- Multiple Monitor Support — must be supported by PC video card
- Picture-In-Picture (PIP)

People Video Resolution
- HD
- VGA (640x480) – High resolution webcam
- Half-VGA (320x480)
- CIF (352 x 240 pixels)
- QCIF (176 x 144 pixels)
- QVGA (160 x 120 pixels) – Native Web camera resolution
- 720p receive only

Content Video Resolution
- Show PC desktop as Content:
  - Capture – Native resolution of computer desktop
  - Transmit and Receive – XGA (1024 x 768)
- 4CIF (704 x 576 pixels)
- CIF (352 x 288 pixels)

Data
- H.323 Annex Q far-end camera control
- Security
- H.235 v3 AES encryption
- Admin lock-down of configuration pages
- Cameras Supported

- USB 2.0 Web Cameras: Microsoft® HD-5000, Microsoft LifeCam Cinema™, LifeCam HD-6000, Logitech C100, Logitech® C210, Logitech C310, Logitech Webcam Pro 9000, Logitech Webcam C905
- Polycom has fully qualified the USB devices listed above for interoperation with Telepresence m100 software. Other USB devices may also work with Telepresence m100 software

- Directory Services
- Supports Polycom Global Address Book
- Support for Active Directory
- LDAP through Polycom Global Address Book
- Supports Local Address Book
- Contact List
- Most Recently Called List
- Dialing Capabilities
- DNS alias
- E.164 extension
- IP address
- H.323 external gatekeeper, gateway, and MCU support
- SIP URI

Quality of Service (QoS) and experience – Polycom Constant Clarity™ technology
- Error concealment for optimal experiences even over the public internet
- Network Address Translation (NAT) support

- Automatic gatekeeper discovery
- Configurable fixed port ranges
- Lip synchronization
- Asymmetric call speed

PC Hardware Requirements
- Basic (up to QVGA): 1.5 GHz P4, 1.2 GHz Pentium M/AMD Turion or higher
- Standard (up to CIF, People+Content): 2.0 GHz P4, Pentium M/AMD Turion 1.4 GHz
- Premium (up to VGA, People+Content): 3.2 GHz Pentium, Pentium M/AMD Turion 2.0 GHz
- HD (up to 720p): Quad Core Duo 2.0 GHz
- RAM: XP – 1GB, Vista – 2GB
- Windows XP, Windows Vista, and Windows 7
- Storage: 30MB
- 256 MB video RAM recommended for Vista
- Display: XGA, 16-bit color or higher

Operating Systems
- Windows 2000, XP, Windows Vista®, Windows 7

Language Support
- English
About Polycom
Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit www.polycom.com or connect with Polycom on Twitter, Facebook, and LinkedIn.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com
Polycom® HDX® 4000 Series

Turn your personal workspace into a global meeting environment

Performance-engineered to deliver life-like collaboration, the Polycom® HDX® 4000 solution combines extraordinary visual and audio capabilities with practical everyday functionality for bringing video to desktops and personal meeting environments.

The HDX 4000 series leverages the H.264 High Profile video compression standard to use up to half the bandwidth of alternative telepresence solutions, making it ideal for offices within enterprises as well as remote sites, branch offices, and teleworking environments. In addition, the exclusive Polycom Lost Packet Recovery™ quality of service technology helps ensure sustained high-quality interactions, even over congested networks.

Personal communication like you've never experienced

The Polycom HDX 4000 solution combines a series of unique innovations to deliver powerful rich-media communication. Built to high-definition-television (HDTV) industry standards, the HDX 4000 LCD display provides vibrant colors and smooth movement control. Using Polycom HD Voice™ technology and dual, built-in microphones, users are able to hear remote participants in full stereo, while advanced four-way speakers deliver astonishingly life-like audio. As a result, interactions with colleagues and partners, across campus or around the globe, are more natural than ever.

Polycom HDX 4000 series systems offer great flexibility for group video conferencing, with an optional embedded multipoint feature that allows multiple locations to be brought into conferences quickly and easily. Polycom HDX 4000 series systems also include powerful tools for content sharing, with presentations, graphics, spreadsheets and multimedia files incorporated into visual communication to facilitate better collaboration.

Additionally, with Polycom People On Content™ embedded chroma key technology, the user's image can be inserted into the foreground of the content and appear to be part of the presentation. With a modern, streamlined design, the HDX 4000 series combines professional-level visual communication with full PC and Mac monitor functionality.

Benefits

- **Natural communication experiences** – HD video up to 1920x1080 30 fps
- **Clear understanding of all participants** – High-definition voice and Polycom Siren™ 22 technology deliver high-fidelity stereo sound
- **Improved information sharing** – Sharing graphics, presentations, and rich-media content across HD and non-HD systems
- **Life-like interactions** – Two HD display options (24" for HDX 4500, 20.1" for HDX 4002) deliver ultra-realistic, face-to-face communication
Package includes
- Polycom HDX 4500
  - Polycom People+Content™, People on Content™, control pad and cables
- Polycom HDX 4002
  - Polycom People+Content™, People on Content™ and cables

Video standards & protocols
- H.264, H.264 High Profile IP, H.263++, H.261
- H.239/Polycom People+Content
- H.263 & H.264 Video Error Concealment

People video resolution
- 1080p 30 fps from 1024 Kbps (HDX 4500)
- 720p, 60 fps from 832 Kbps (HDX 4500)
- 720p, 30 fps from 512 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- 4SIF/4CIF, 60 fps from 512 Kbps
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)

Supported PC input resolutions
- 1920 x 1080, 1680 x1050, 1280 x 1024, 1280 x 720, 1024 x 768, 800 x 600

Display–HDX 4500
- 24” Widescreen LCD display
- 20.1” (H) x 21.9” (W) x 9.3” (D)
- Base Box with removable stand: 11.9” (H) x 5.08” (W) x 11” (D)

Display–HDX 4002
- 20.1” Widescreen LCD display
- 1680 x 1050 Native resolution
- 16:9 Aspect ratio

Camera
- 1920x1080 video capture resolution (HDX 4500)
- 1280 x 720 video capture resolution (HDX 4002)
- 2X digital zoom
- EPTZ camera control
- Privacy shutter

Speakers
- Frequency range: 100 Hz–20 kHz
- Four built-in speakers (HDX 4002)
- Two built-in speakers (HDX 4500)
- Headset input for privacy

Audio standards and protocols
- Polycom StereoSurround
- 22 kHz bandwidth with Polycom Siren™
- 14 kHz bandwidth with Polycom Siren 14
- Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A
- Automatic Gain Control
- Polycom Constant Clarity™
  - Automatic gain control
  - Automatic noise suppression
  - Keyboard noise reduction
  - Live music mode
  - Instant adaptation echo cancellation
  - Audio error concealment
  - Siren™ LPR

Other supported standards
- H.221 communications
- H.224/H.281 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241, H.331
- H.239 dual stream
- H.231 in multipoint calls
- H.243 chair control
- H.460 NAT/firewall traversal
- BONDING, Mode 1
- BFCP (RFC 4562)
- TIP

User interface
- Directory services
- System management
  - Polycom Converged Management Application™ (CMA™)
  - Web-based UI
  - SNMP
  - CDR
  - International languages (16)
  - Wildcard language tool
  - USB software update

Network
- Interfaces–2-port 10/100 auto NIC switch, RJ45 connectors
  - Auto-MDIX
  - RJ11 analog phone connector (HDX 4002)
- H.323 and/or SIP up to 4 Mbps
- RS232
  - Data pass-through
  - Closed caption
  - H.320 (optional) (HDX 4002 only)
  - Polycom Lost Packet Recovery™ (LPR™)
  - Reconfigurable MTU size (IP only)
  - Microsoft® ICE support

Security
- Secure Web
- Security mode
- AES FIPS 197, H.235V3 and H.233/234
- FIPS 140-2 Validation Certificate (#918)
- IPv6 (DISA)
- www.polycom.com/govcerts
- Secure password authentication

Options
- MPPlus internal multipoint software for up to 4 sites
- Polycom Touch Control (HDX 4500 only)
- Polycom HDX 4500 Remote Control
- RTV/CCCP
- TIP

Environmental Specification
- Operating temperature: 0—40°C
- Operating humidity: 10—80%
- Non-operating temperature: -40°—70°C
- Non-operating humidity (non-condensing): 10—90%
- Maximum altitude: 10,000 feet

Electrical
- Auto sensing power supply
- Typical operating voltage/power
  - 189VA @ 115V @ 60 Hz @ .67 PF
  - 192VA @ 230V @ 60 Hz @ .66 PF
  - 196VA @ 230V @ 50 Hz @ .65 PF

Physical Characteristics
- HDX 4500
  - 20.5” (H) x 29.13” (W) x 8.22” (D)
- HDX 4002 LCD with stand:
  - Display: 20.1” (H) x 21.9” (W) x 9.3” (D)
  - Base Box with removable stand:
    - 13.87” (H) x 5.08” (W) x 11” (D)

Warranty
One-year return to factory parts and labor
About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit www.polycom.com or connect with Polycom on Twitter, Facebook, and LinkedIn.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com
A Detailed Guide of Polycom Video, Voice, and Infrastructure Products and Solutions

Polycom® Telepresence Solutions

Polycom® RealPresence® Immersive 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 classroom 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® 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 conferencing 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 through 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 tomorrow’s 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 MCUs
- 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 dial-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 compliance; 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.

- Unrivaled 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

---

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.