

▶ Polycom® CMA™ Desktop – for Windows® Converged Management Application Desktop – PC



Computer-based video communication

Usability made easier

Polycom CMA Desktop – for Windows® is a robust and full-featured video communication software client that is deployed and managed by the Polycom CMA Server, a standards-based management application which enables large-scale directory services, centralised provisioning and management for thousands of video endpoints, including high definition telepresence, legacy video conferencing systems and other video infrastructure components.

The Polycom CMA Desktop application delivers high definition video and voice communication and standards-based content sharing with other desktop clients through the largest immersive telepresence rooms. Easy to learn and highly intuitive, the CMA Desktop allows users to simply point and click to call and collaborate with colleagues by video from anywhere, at any time. Integrated presence-awareness allows users to verify contact availability and status, and seamless Microsoft® LDAP directory integration both simplifies management and ensures contact list accuracy.

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. Administrators easily configure the clients for account access, bandwidth allocation, directory services and other functions right from the management console via .XML. CMA Desktop clients are included as a component of the CMA Server, with licensing based on the industry-recognised CAL (Client Access Licence) deployment model. Polycom CMA can support up to 5000 registered clients, including a mixture of Polycom CMA Desktop, telepresence and traditional video conferencing systems.

- ▶ Consistent usability across the entire video network reduces users' learning curves and increases productivity
- ▶ Enjoy high definition audio, video and content right from your desktop
- ▶ Supports up to 5000 software and other clients
- ▶ Management provides centralised control of clients for easy access
- ▶ Provisioning allows advanced setup to be done by the system administrator
- ▶ Easily measure return on investment with management that tracks and reports on system usage
- ▶ Seamless interoperability with other desktop systems through Immersive Telepresence
- ▶ Cost-effective way to video-enable the entire workforce with a one-off fee
- ▶ Ease-of-use with a powerful instant message-style interface
- ▶ Deployment is not restricted by users' physical locations – use in the office or on the road with ease

Polycom® CMA™ Desktop – for Windows® Specifications

Software and hardware specifications

Protocols used

- H.323
- LDAP/H.350
- XMPP
- HTTPS/XML provisioning
- AES – Media encryption
- TLS – Security
- Polycom Lost Packet Recovery™ (LPR™) for QoS

Polycom CMA Desktop – PC software requirements

- Supported Microsoft PC operating systems:
- Windows XP with SP2 or greater – 32 bit
- Windows XP Professional – 32 bit
- Windows Vista, Microsoft Windows Vista SP1 – 32 bit
- Windows Vista Enterprise – 32 bit
- Windows Vista Business – 32 bit
- Windows 7 Home Premium – 32 bit
- Windows 7 Professional – 32 bit
- Windows 7 Enterprise – 32 bit
- Windows 7 Ultimate – 32 bit
- DirectX 9.0b or 10.0 compatible adapter

Polycom CMA Desktop – 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 – 1 GB, Vista – 2 GB
- Windows 7 and Vista
- Storage: 30 MB
- 256 MB video RAM recommended for Vista
- Display: XGA, 16-bit colour or higher

Results based on test scenarios; actual performance may vary based on software or hardware configurations.



Video standards & protocols

Video

- H.261, H.263, H.263+, H.264
- Multiple monitor support (must be supported by PC video card)
- Picture-in-picture (PIP)
- Video-only mode with toolbar operation
- Brightness control – automatic or manual adjustment (provided by USB camera)

Audio

- 20 kHz with G.719
- 14 kHz with Polycom Siren™ 14
- 7 kHz with G.722, G.722.1
- 3.4 kHz with G.711, G.728, G.729A
- Full duplex audio
- Echo cancellation
- Automatic gain control (AGC)

Other ITU-supported standards

- H.224/H.281 far-end camera control
- H.225, H.245, H.241
- H.239 dual stream
- H.460 NAT/firewall traversal

Supported USB cameras

- USB 2.0 Web Cameras: Microsoft Lifecam VX 3000, Microsoft Lifecam VX 7000, Microsoft LiveCam Cinema, Logitech WebCam Pro 9000, Logitech QuickCam Notebooks Pro, GlobalMedia IREZ K2

Supported audio devices

- Polycom Communicator™ (Microsoft Windows XP only), Global Media AMH-300V Headset, Plantronics DSP-400 USB Headset, Logitech Quickcall USB speakerphone, Logitech ClearChat PC Wireless, any standard PC AC'97 audio device, microphones built into the supported webcams

Polycom has confirmed that the USB devices listed above will work in interoperation with the CMA Desktop video client. Other USB devices may also work with CMA Desktop.

General

- Client-supported languages: English, French, German, International Spanish, Simplified Chinese, Korean and Japanese
- USB input device selection capability from in-call window

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