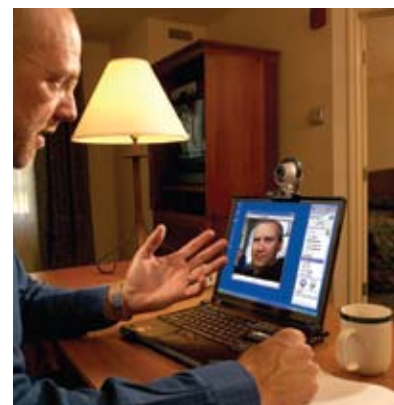# Polycom® Converged Management Application™ (CMA™) 5000

Enterprise-wide Video Conference and Management Solution

The Polycom Converged Management Application (CMA) manages and delivers real-time video conferencing throughout the enterprise. With Polycom CMA, organisations can video-enable personal workspaces, desktops, conference rooms, and mobile devices using a single highly scalable application. The enterprise benefits from improved communication that speeds decision making and seamlessly extends the power of video to all parts of the organisation.

At the core of the solution is the Polycom CMA Server, a standards-based management application enabling large scale directory services, central provisioning, and management for thousands of video endpoints, including both high definition telepresence and legacy video conferencing systems. The benefit to IT management includes faster and simpler deployments, centralised control of video assets, and widescale turnkey updates.

Easily Connect to Anyone, Anywhere.
The Polycom CMA Desktop is a PC-based application that enables high quality video and voice communication and standards-based content sharing. Easy to learn and highly intuitive, the Polycom CMA Desktop allows enterprise users to simply point and click to collaborate with colleagues over video any place, any time. Integrated presence-awareness allows users to verify contact availability and status, and seamless LDAP directory integration both simplifies management and ensures contact list accuracy.

Centrally managed and distributed through the Polycom CMA Server, Polycom CMA Desktop clients are managed within the same video ecosystem as telepresence and traditional video conferencing systems, providing a powerful solution that spans all video client environments. Polycom CMA Desktop clients are included as a component to the Polycom 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.

Find Out More.
Learn what a Polycom CMA conference and management solution can do for your organisation. Visit us at www.polycom.com or contact your Polycom representative.

▶ Enterprise Scale Directory – Integration with existing corporate directories, up to 5000 registered endpoints

▶ Centralised Deployment and Provisioning – Personal and room-based clients with feature sets, call speeds, and call quality

▶ Highly-secure – IT-based standards for signaling, media and authentication

▶ Supports Existing Systems – Seamless interoperability with existing telepresence or legacy video conferencing systems

▶ Industry Standard Design – Investment protection, with industry standards including H.323, LDAP/H.350, XMPP and XML

POLYCOM®

Software Specifications

Network Infrastructure Protocols

- H.323
- LDAP/H.350
- XMPP
- HTTPS:/ XML Provisioning
- AES – Media encryption
- TLS – Security

System Capacities and Licensing

- 500 – 5000 seats

The Polycom CMA seat capacity scales from 500 to 5,000 devices depending on the model selected. The entry-level platform comes preconfigured with a baseline capacity of 500 CAL (Client Access Licences). Additional licencing is offered in the following expansion licence pack sizes: 100/500/1000. When applied to the system and expansion licence pack augments the device licence count. For example, applying a 100-device expansion licence pack to a baseline system will yield a total licence count of 600 concurrent licences. Where applicable, the number of concurrent calls supported by CMA is derived from the number of device licences with 30% or 60% of total device licence depending on Routed vs. Direct mode. As an example a system licenced for 5000 devices supports up to 1500 concurrent calls in Routed Mode and up to 3000 calls in Direct Mode.

Hardware Specifications

Appliance

- Form Factor: 1U Rack-mountable chassis
- 30" (76.2 cm) D x 19" (48.26 cm) W x 1.69" (4.29 cm) H with bezel attached.
- Rack Weight 39 lbs (17.69 kg), maximum configuration
- AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
- Proc: 2x Intel 5140 DC 2.33 or better
  RAM: 4GB 667mhz or better
- HDD: 2x 72gb 15,000rpm, running in a raid 1 configuration
  Power: 2x Power supplies (Redundant conf.)
- Drives: CD/DVD Reader
- Other: USB 2.0 compatible ports, 3x 10/100/1000 Ethernet cards
- Rack: Rack Mounting Rail options
- Appearance: Polycom Productised Face plate or bezel

Environmental

- Operating Temperature: 10º C to 35º C (50º F to 95º F)
- Storage Temperature: -40º C to 65º C (-40º F to 149º F)
- Operating Relative Humidity (non-condensing twmax=29C): 20% to 80% non-condensing
- Maximum Humidity Gradient: 10% per hour, operational and non-operational conditions.
- Storage Relative Humidity: 5% to 95% non-condensing (twmax=38C)
- Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes
- Storage Vibration: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes
- Operating Shock: 1 shock pulse of 41G for up to 2ms
- Storage Shock: 6 shock pulses of 71G for up to 2ms
- Operating Altitude: -16m to 3,048m (-50 ft to 10,000 ft)
- Storage Altitude: -16m to 10,600m (-50 ft to 35,000 ft)

Regulatory Compliance

- FCC (U.S. only) Class A
- ICES (Canada) Class A
- CE Mark (EN 55022 Class A, EN55024, EN61000-3-2, EN61000-3-3)
- VCCI (Japan) Class A
- BSMI (Taiwan) Class A
- C-Tick (Australia/New Zealand) Class A
- SABS (South Africa) Class A
- CCC (China) Class A
- MIC (Korea) Class A
- UL 60950-1
- CAN/CSA C22.2 No. 60950-1
- EN 60950-1
- IEC 60950-1

Other Requirements

- External Database (optional)
- Microsoft SQL Server 2005
- Windows 2000 / Windows XP
- Microsoft Internet Explorer® 6.x or higher
- Adobe® Flash® Player version 9.0 or higher

Polycom CMA Desktop – PC Software Requirements

- Supported Microsoft PC Operating Systems:
  Windows XP with SP2 or greater
  Windows XP Professional – 32 bit
  Windows Vista, Microsoft Windows Vista SP1
  Windows Vista Enterprise
  Windows Vista Business
- DirectX 9.0b or 10.0 compatible adapter
- Client Supported Languages: English, French, German, International Spanish, Simplified Chinese

Polycom CMA Desktop – PC Hardware Requirements

- Basic: (Up to QVGA) – 1.5 GHz P4, 1.2 GHz Pentium M or higher
- Standard: Up to CIF, People+Content) – 2.0 GHz P4, Pentium M 1.4GHz
- Premium: (Up to VGA, People+Content) – 3.2 GHz Pentium, Pentium M 2.0 GHz
- HD: (Up to 720p receive only) – Core Duo 2.0 GHz
- RAM: XP – 1GB
  Vista – 2GB
- Storage: 30GB
- 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.

Supported USB Cameras

- USB 2.0 Web Cameras: Microsoft Lifecam VX 6000, Microsoft Lifecam VX 3000, Logitech QuickCam Pro 9000, Creative WebCam Live! Motion, Logitech QuickCam Notebooks Pro, GlobalMedia IREZ K2

Supported Audio Devices

- Global Media AMH-300V Headset, Plantronics DSP-400 USB Headset, Clear One Chat 50, Polycom Communicator™ (Microsoft Windows XP only), Logitech Quickcall speakerphone

Technical Documentation

Award-winning documentation for setting up, maintaining, and using the system available at www.polycom.com/videodocumentation.