

Polycom® Converged Management Application™ (CMA®) 4000

Enterprise-wide video resource and conference management solution

The Polycom Converged Management Application (CMA) software, the key Video Resource and Management solution in the Polycom® RealPresence™ Platform, manages and delivers real-time video conferencing throughout the enterprise. With Polycom CMA, organizations 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 organization.

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, centralized 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-recognized CAL (Client Access License) deployment model. Polycom CMA can support up to 400 registered clients, including a mixture of Polycom CMA Desktop, telepresence, and traditional video conferencing systems.

An Essential Element in the Polycom RealPresence™ Platform

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 and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security--on-premises, hosted, or cloud delivered.



Benefits

- Enterprise Scale Directory –Integration with existing corporate directories, up to 400 registered endpoints
- Centralized 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, NTLMv2 and XML
- Powerful internal Gatekeeper supporting hundreds of sites with the ability to monitor quality and control bandwidth.
- Easily schedule multipoint calls on bridge resources using included web user interface, Microsoft®, or IBM® plug-ins

Polycom CMA 4000 Specifications

Software Specifications

Network Infrastructure Protocols

- H.323
- SIP device Provisioning and Management
- LDAP/H.350
- XMPP
- HTTPS/XML Provisioning
- TLS – Security

System Capacities and Licensing

- 100 – 400 seats

The Polycom CMA seat capacity scales from 100 to 400 devices depending on the licenses selected. The entry-level platform comes preconfigured with a baseline capacity of 100 CAL (Client Access Licenses).

Additional licensing is offered in 100 pack increments up to 400 total. When applied to the system an expansion license pack augments the device license count. For example, applying a 100-device expansion license pack to a baseline system will yield a total license count of 200 concurrent licenses. Where applicable, the number of concurrent calls supported by CMA is derived from the number of device licenses with 30% or 60% of total device license depending on Routed vs. Direct mode. As an example a system licensed for 400 devices supports up to 120 concurrent calls in Routed Mode and up to 240 calls in Direct Mode.

Hardware Specifications

Appliance

- Form Factor: 1U Rack-mountable chassis
- 30.41" (77.24cm) D x 16.69" (42.39cm) W x 1.68" (4.26cm) H with bezel attached
- Rack Weight 35lbs (15.87 Kg), maximum configuration
- AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
- Proc: 1x E5506 quad-core Intel® Xeon® Processor, 2.13 Ghz with Turbo Hyperthreading or better
- HDD: 1x 72gb 15,000rpm
- Power: 2x Power supplies (Redundant conf.)
- Drives: CD/DVD Reader
- Other: USB 2.0 compatible ports, 4x 10/100/1000 Ethernet cards
- Rack: Rack Mounting Rail options
- Appearance: Polycom Productized Face plate or bezel



Environmental

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

- OEM/Version Windows Server 2003 (included on server)
- Microsoft SQL Server 2005 (Optional External DB)

- Microsoft Active Directory 2003 (Optional)
- Windows 2000/Windows XP/Windows Vista
- Microsoft Internet Explorer® 6.x or higher
- Adobe® Flash® Player version 9.0 or higher
- Firefox 2.5, 3.0 for Windows or Mac, Safari 3.x

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, Korean, Japanese

Technical Documentation

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

For the latest interoperability list, go to:

http://www.polycom.com/support/network/management_scheduling/cma_4000_5000.html

Learn More

For more information, visit www.polycom.com, call 1-800-POLYCOM, or contact your Polycom sales representative.

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