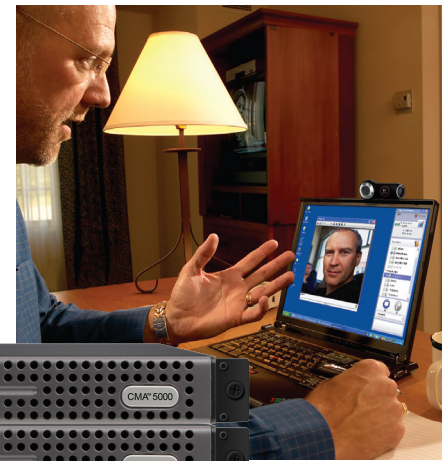


▶ Polycom® Converged Management Application™ (CMA™) 5000



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, 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 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 organization. Visit us at www.polycom.com or contact your Polycom representative.

Benefits

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

Polycom CMA 5000 Specifications

Software Specifications

Network Infrastructure Protocols

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

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 Licenses). Additional licensing is offered in the following expansion license pack sizes: 100/500/1000. When applied to the system and 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 600 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 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" (76.2cm) D x 19" (48.26cm) W x 1.69" (4.29cm) 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 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

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

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: 30MB
- 256 MB video RAM recommended for Vista
- Display: XGA, 16-bit color 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 Tool bar operation
- Brightness control — automatic or manual adjustment (provided by USB camera)

Audio

- 14kHz with Polycom Siren™ 14
- 7kHz with G.722, G.722.1
- 3.4kHz 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 6000, Logitech QuickCam Pro 9000, Logitech QuickCam Notebooks Pro, Global-Media 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. For the latest interoperability list, go to: http://www.polycom.com/support/network/management_scheduling/cma_4000_5000.html

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