

▶ Polycom® Video Media™ Center (VMC™) 1000

Connect dispersed workforces and improve collaboration by seamlessly integrating video content with enterprise communications

The Polycom VMC 1000 solution improves knowledge sharing, simplifies Webcasts, and reduces communication barriers by streaming video conferences, live broadcasts, training sessions and more to thousands of employees, customers and partners. Highly scalable and cost effective, the VMC 1000 solution is an ideal platform for enabling both Video on Demand (VOD) and real-time streaming across the enterprise with unprecedented degrees of simplicity and ease of use.



Automate Video Content Management and Production

Video content and data, such as presentations and spreadsheets, are automatically uploaded and published to the Polycom VMC 1000 solution via seamless integration with the Polycom RSS™ 4000 recording and streaming server and Polycom Recording Studio (PRS) solution. Other sources such as encoders, standards-based video conferencing endpoints, and employee-generated content are imported to the Polycom VMC 1000 solution for centralized management, tracking, and streaming of all enterprise video assets.

Video On Demand or Live Broadcasts

Live communication sessions and recorded content are streamed via Webcast or VOD to targeted and general user groups via any standards-based browser. Live broadcasts are also schedulable and leverage interactive features such as viewer question submittal and slide management for the moderator/presenter. To optimize network flexibility and performance, content is delivered to users via unicast, multicast, or content distribution modes.

Precise Delivery and Complete Management

The Polycom VMC 1000 solution fully leverages existing IP networks for content ingestion and network-based storage. Content uploaded or transferred to the Polycom VMC 1000 server is secured via flexible access controls, fully integrated with existing security and authentication standards and corporate databases, while consolidated and detailed reporting allows managers to track viewership, content popularity, and user statistics.

Easy Content Upload and Viewing

The Polycom VMC 1000 solution supports multiple easy ways for employees and others to upload, find, and share content. The Polycom VMC 1000 solution supports Microsoft® Office SharePoint® Server (MOSS 2007) for optional integration, or organizations can leverage the built-in default viewer portal. The Web-based user interface has simple uploads of video and a built-in Microsoft Silverlight™ and Adobe Flash™ player for sharing and viewing of the content.

Benefits

- ▶ Easily Generate Content from Multiple Sources – Video conference network, production studios, employee generated content, live sources
- ▶ Simplify Video and Media Management – Organize, manage and track large libraries of video securely and efficiently, including network based storage
- ▶ Seamlessly Produce Live Broadcasts and Webinars – Schedule live broadcasts or video on demand rebroadcasts from multiple media sources with question and answer, slide push, and moderator capabilities
- ▶ Efficiently Distribute Video Content – Modes include unicasting for Video on Demand, multicasting and content distribution for streaming to thousands of viewers
- ▶ Easily Upload, Find and Retrieve Content – Content is easy to upload and retrieve using the Web portal or through optional integration with Microsoft SharePoint sites

► Polycom Video Media Center (VMC) 1000 Specifications

Live Broadcast Support

- Scheduled with URL link distribution ahead of planned event
- Upload of associated documents and slides
- Question support from viewers
- Moderator and Presenter roles to manage questions and update the slides
- Archival of event for rebroadcast or make available as Video on Demand

Polycom RSS 4000 Integration and other encoders/live content

- Management of multiple Polycom RSS 4000 servers
- Automatic publishing and archival of content
- Scheduled Live Webcasts
- Other Encoders: Polycom Recording Studio, Digital Rapids, Vbrick, Viewcast and windows media encoders
- Syndicated stream ingestion reflection and distribution

Video Publishing

- Publishing workflow
- Slide synchronization
- Start and end point trimming
- Chaptering
- Captioning
- Upload of external media files
- Associate downloadable files

Portal

- Customizable Web portal
- Access controlled content views
- Optional Microsoft SharePoint module and developers API
- Featured channel and favorite program

Support

- Advanced search and browse
- RSS feeds and program subscription
- Ratings and reviews

Content Management

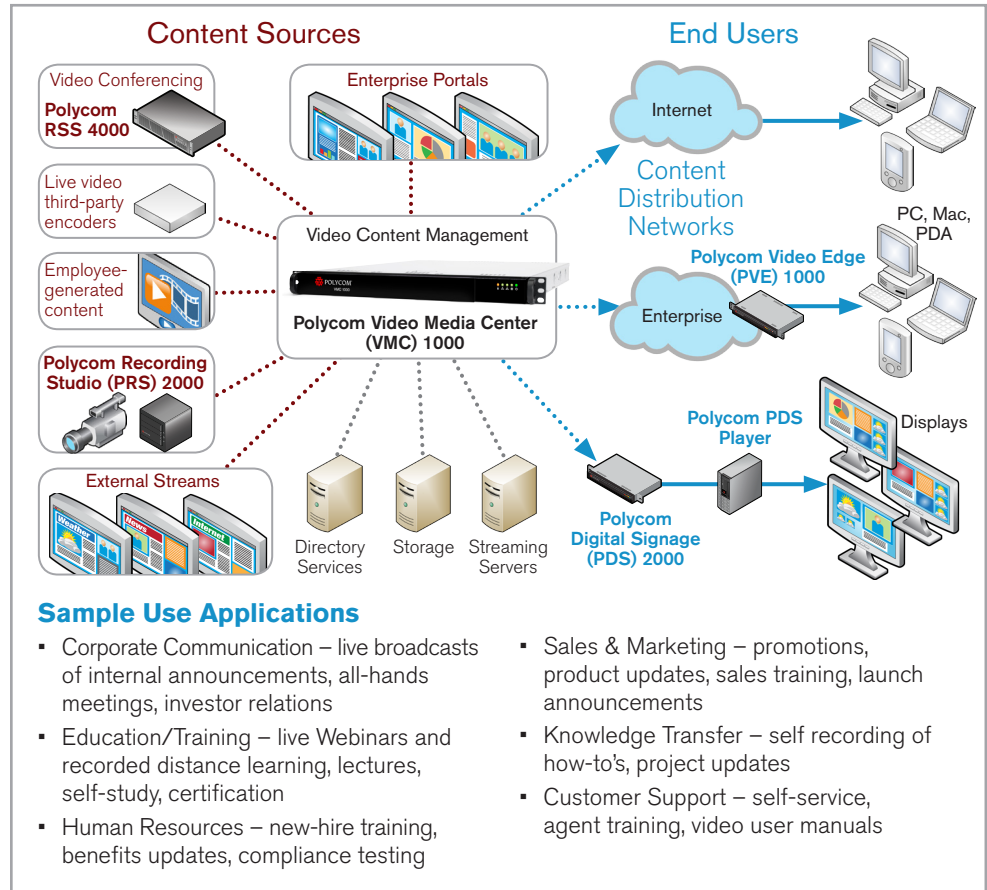
- Flexible taxonomy structure
- Metadata tags and keyword specification
- Content expiration management

Security

- User authentication via LDAP interface
- User authentication via internal database
- Single Sign-on support
- URL obfuscating
- Pin code support
- Tiered permission levels and user lists
- SSL authentication
- Data backup and restore

Management

- Web-based management
- Administrator, content owner, and viewer roles
- User and group management and authentication via local database or LDAP integration
- Video usage reports
- System and viewership reports and monitoring
- Event e-mail reminders
- Audio/Video Support



Sample Use Applications

- Corporate Communication – live broadcasts of internal announcements, all-hands meetings, investor relations
- Education/Training – live Webinars and recorded distance learning, lectures, self-study, certification
- Human Resources – new-hire training, benefits updates, compliance testing
- Sales & Marketing – promotions, product updates, sales training, launch announcements
- Knowledge Transfer – self recording of how-to's, project updates
- Customer Support – self-service, agent training, video user manuals

- Live video resolutions: SQCIF/QCIF, SIF/CIF, VGA, 4CIF, SD, HD
- Multimedia content sharing: H.239 and post production slide synchronization
- Resource Bin File Support
- Thumbnails: JPEG, GIF, PNG
- Downloadable files: numerous file types
- Players: Microsoft Silverlight and Adobe Flash
- Audio/Video Files: .asf, .wma, MP4, .FLV, .MOV, .WMV, SWF, MP3
- Slides: .PPT

Hardware Specifications

- Chassis: 1U-high
- Dimensions: H 1.7" x W 17.0" x D 27.0"
- Weight: 30 lbs
- Hard drive: 2 x 750 GB, Raid 1
- Network interface: 1xGigE
- Throughput: Max 1 Gbps
- External network mapped drive storage
- Capacity ~ 7,500 hrs @ 384k, 250 to 2000 simultaneous unicast streams
- Redundant power supplies – 2 x Input voltage: 100 - 240 V, 50 - 60 Hz, 8 - 4 Amp
- Power: 650 W

Environmental Requirements

- Operating temperature: 10 - 35°C (50° to 95° F)
- Storage temperature: -40 - +70°C (-40° to 158° F)
- Relative humidity: 8 - 90% non-condensing
- Certifications
 - CE
 - FCC/UL
 - RoHS

Network Protocols

- Inbound: MMS, HTTP
- Outbound: RTSP, HTTP, RTMP (Flash)
- Unicast, multicast
- Content Distribution Solutions: Polycom Video Edge - Optional support from Riverbed, Blue Coat, Akamai, AT&T and Cisco delivery networks

Minimum Client Requirements

- Admin Client: Windows® 2000, Windows XP, Internet Explorer® 6.0 or higher with Java™ enabled
- Viewer Client: Windows 2000, Windows XP, Windows Vista®, Mac OS®, Internet Explorer 6.0 or higher, SL 3.0 and higher, Windows Silverlight 1.1 or higher

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