

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

Turn content into communications



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

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

Seamless video content production

In tandem with the Polycom RSS™ 4000 recording and streaming server and Polycom Recording Studio (PRS), video content and accompanying data such as presentations are automatically uploaded and published to the Polycom VMC 1000. Other sources such as encoders, standards-based video conferencing endpoints and employee-generated content can also be imported into the Polycom VMC 1000 for centralised management, tracking and streaming of all enterprise video assets.

Video on Demand or live broadcasts

Targeted or general user groups can stream live webcasts and VOD content via any standards-based browser. Live broadcasts are also schedulable and leverage powerful interactive features such as viewer question submittal and slide management for the moderator/presenter. To optimise network flexibility, content can be 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) optional integration, and companies can use the built-in default viewer portal. The web-based user interface has simple uploads of video and a built-in Microsoft Silverlight™ player for sharing and viewing the content.

- ▶ Generate content from multiple sources – video conference network, production studios, employee generated content, live sources
- ▶ Video on Demand media management – organise, manage and track large libraries of video securely and efficiently, including network based storage
- ▶ Live broadcasts/webinars – create scheduled live broadcasts using several media sources, question and answer capability and push slides through a moderator role. Can be made available for rebroadcasts or Video on Demand
- ▶ Multiple distribution modes – unicast for Video on Demand, multicast and content distribution options for streaming to thousands of viewers
- ▶ Easy upload; finding and retrieving 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 re-broadcast or to be made available as Video on Demand

Polycom RSS 4000 integration and other encoders/live content

- Management of multiple Polycom RSS 4000 servers
- Interval polling
- Automatic publishing and archival of content
- Scheduled live webcasts
- Other encoders: Polycom Recording Studio, Vbrick and Viewcast
- Syndicated stream ingestion reflection and distribution

Video Publishing

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

Portal

- Customisable web portal
- Access controlled content views
- Optional Microsoft SharePoint module and developers API
- Featured channel and favourite program

Support

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

Content Management

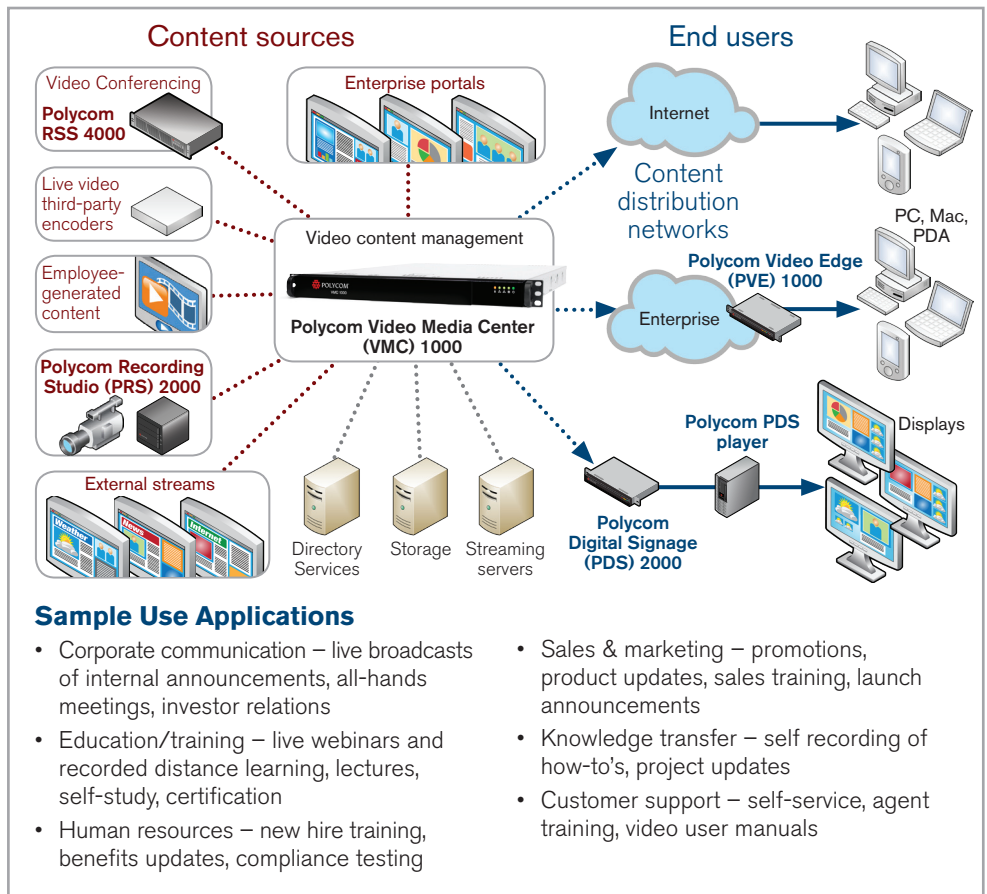
- Flexible taxonomy structure
- Metadata and keyword specification
- Content expiration management

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 email reminders



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

Audio/Video Support

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

Hardware specifications

- Chassis: 1U-high
- Dimensions: H 1.7" x W 17.0" x D 27.0"
- Weight: 13.61 kg (30 lbs)
- Hard drive: 2 x 750 GB, Raid 1
- Network interface: 1xGigE
- Throughput: Max 1 Gbps
- External network mapped drive storage
- Capacity ~ 7500 hrs @ 384 k, 250 to 1000 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 to 35°C (50° to 95°F)
- Storage temperature: -40 to +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
- 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, Firefox® 2.0 or higher, Safari® 3.2.1, Windows Silverlight 1.1 or higher

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