Polycom® RealPresence® Resource Manager

Video resource management for enterprise and service provider networks

The Polycom® RealPresence® Resource Manager software application, is an essential component of the Polycom® RealPresence® Platform for managing small to large scale video conferencing networks. The application monitors, manages and provisions thousands of video devices and provides directory, scheduling and reporting services. From this single, powerful management solution, organizations can manage video devices across a global network, including video-enabled tablets and smartphones, desktop systems, conference room systems, and immersive telepresence theatres. The organization benefits from both improved costs savings from resource optimization and operational efficiencies with API based provisioning and multi-tenant functions. End user experience is enhanced, providing easy dialing with presence and familiar directories, and low maintenance with remote configuration and automatic software updates.

The Polycom® RealPresence® Resource Manager solution is built on unified communications (UC) and video conferencing standards for operating systems, directory services, API architecture, multi-tenant functions and presence. This facilitates integration of the RealPresence® Platform into a wide variety of deployment models, network designs, workflows, applications and unified communications networks.

For large scale networks, RealPresence® Resource Manager software along with the Polycom® RealPresence® DMA® solution provides a scalable and highly reliable video management solution. Both are built on Linux operating system and incorporate database synchronization methods to reduce possible outage time.

The RealPresence® DMA system provides super clustering for scale and resiliency for video call control and bridge virtualization while RealPresence® Resource Manager focuses on the device monitoring, management, directories, and scheduling functions.

Benefits

- **Cloud/service provider multi-tenant**—Host numerous customers or departments on a single platform, for operational efficiency and lower TCO

- **Simplified administration and provisioning**—Dynamically provision mobile, personal, and room based systems with feature sets, call quality, bandwidth and software updates, minimizing administration work and user setup

- **Centralized device management**—Single application to monitor and manage all endpoints in the network, immediate real time views of the status and health of the video network

- **Conference scheduling and management application**—Central application to manage, monitor and schedule on-going conferences, point to point or multi-party

- **API suite**—Combine with RealPresence DMA APIs for a complete video conferencing management API solution

Product specifications

Application highlights

- Device monitoring
- Device provisioning—Polycom® and 3rd-party standards based endpoints
- Device software update
- Conference management
- Conference scheduling with web scheduler
- Conference scheduling through API
- Directory integration, global address books
- Presence engine for desktop clients
- Redundancy in hot standby mode configuration
- API Suite—including scheduling and conference management
- Multi-tenant for securely and discretely hosting multiple customers
- Support for Polycom® RealPresence® Web Suite
- Supports Polycom Eagle Eye Producer (EEP) participant CDR reporting for RealPresence Group systems using the EEP camera

Supported protocols

- H.323 and SIP device provisioning and management
- LDAP/H.350 directory support
- XMPP presence for desktop clients
- HTTPS/XML provisioning
  - TLS—Security

Capacity

- 50–50,000 seats
- License packs are available in 50/150/500/1500/5000 seat increments
- Optional: API, redundancy, multi-tenant

Reliability

- Supports optional redundancy

Security

- Linux operating system
- US DoD UC APL Certified. See the *Polycom US Federal Government Accreditation site* for details

Services available

- Polycom® RealPresence® Platform Solution Design
  - Design the right deployment plan for your environment
- Video Network Readiness Services
  - Prepare your network for reliable high quality video service
- Remote Implementation Services
  - Deploy smoothly and efficiently
- User Adoption Services
  - Increase usage through training and awareness
- Support Services
  - Access features and enhancements as released, reduce downtime

Full hardware specifications can be found in the *RealPresence® Platform hardware specifications sheet*.

Software specifications can be found in the *RealPresence® Platform, Virtual Editions data sheet*.

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About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

Polycom, Inc.	Polycom Asia Pacific Pte Ltd	Polycom EMEA
1.800.POLYCOM	+65 6389 9200	+44 (0)1753 723282
www.polycom.com	www.polycom.com.sg	www.polycom.co.uk

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