Polycom® RealPresence® Video
DualManager™ 400

Manage Your Video Communications

Video resource management and unifying call control eases administration while providing intuitive video conferencing services for end users.

The Polycom® RealPresence® Video DualManager™ 400 solution provides administrators with a comprehensive tool set to manage, monitor, report and integrate video conferencing into enterprise infrastructure and workflows. The solution eliminates typical manual administrative tasks while delivering to users a high-quality, easy to use service. The RealPresence Video DualManager 400 combines Polycom’s leading management applications of Polycom® RealPresence® Resource Manager and Polycom® RealPresence® DMA®, delivered in a single, convenient appliance for ease of installation.

The Polycom RealPresence Resource Manager application in RealPresence DualManager 400 monitors, manages and provisions video devices and provides directory, scheduling and reporting services. From this powerful management solution, organizations can manage video devices across a global network, including video-enabled tablets and smartphones, desktop systems, conference room systems for up to 400 video devices, including mobile devices and PCs. The organization benefits from both improved costs savings from resource optimization and operational efficiencies with this centralized application that reduces manual administrative maintenance through remote device monitoring, configuration and automatic software updates. End user experience is enhanced through easy dialing with presence and familiar directories and elimination of complex configuration and software updates; just find a name, dial, and participate in a productive video meeting.

The powerful Polycom® RealPresence® DMA in RealPresence DualManager 400 delivers a powerful video conferencing call engine, unifying call control for UC integrations, simplified virtual meeting room (VMR) management and bridge resource virtualization. It allows users to connect regardless of protocol standard, device, network, or location making communication between employees, partners and customers simple, yet effective. Administrators can expand and offer new services by leveraging existing unified communication network investments through the Polycom RealPresence DMA unifying call control application. With the broadest UC partner support, centralizing the dial plans, provisioning, and management is simplified and reduces complex configurations. Centralized reporting and monitoring and native integration with Active Directory® (AD) dramatically simplifies “meeting room” provisioning and slashes ongoing administration costs.

The Polycom® RealPresence® Platform is the intelligent infrastructure that makes video collaboration always available to everyone across any network, protocol, application or device of choice.

Benefits

- **Ease of installation**—Convenient appliance combining Polycom RealPresence Resource Manager and RealPresence DMA with support for up to 400 devices and 150 concurrent calls
- **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
- **Universal dial plan**—Connect regardless of protocol standard, device, network, or location, providing seamless connectivity without complex reconfiguration of UC environments; reducing costs and extending the value and reach of existing UC investments
- **Simplified administration**—User accounts and personal meeting rooms are automatically provisioned centrally, with little or no administrative effort
RealPresence Resource Manager application highlights
• Device monitoring—up to 400 devices
• 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
• H.323 and SIP device provisioning and management
• LDAP/H.350 directory support

RealPresence DMA application /call control features

Video conferencing call support – up to 150 concurrent calls
• SIP Registrar
• SIP Proxy
• H.323 Gatekeeper
• SIP to H.323 Gateway (150 concurrent calls)
• Telepresence Interoperability Protocol (TIP) support
• Scalable Video Coding (SVC)
  - Network bandwidth management
  - Priority-based routing
• Flexible call models—Ad hoc dial in, dial out, scheduled calls via APIs
  - Advanced dial plan management (Numerous dial options/Flat dial plan/ MCU prefix dialing/ISDN gateway dialing/Prefix dialing/Polycom One Dial)

Bridge virtualization—dynamic resource (port) management with multiple routing policies
• zone-based, least used, priority and class of service

Virtual Meeting Room (VMR) automatic creation and management via LDAP integration

API Suite—including scheduling, provisioning, billing and conference management

Support for Polycom® RealPresence® CloudAXIS™ Suite v1.1

Hardware specifications
• Form Factor: 1U Rack-mountable chassis
• 27.58” (70.05cm) D x 17.09” (43.4cm) W x 1.68” (4.28cm) H with bezel attached
• Weight 35lbs (15.87 Kg), maximum configuration
• AC configuration with redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
• Processor: 2x E5-2620 Intel® Xeon® Processor, 2.0 Ghz with Turbo Hyperthreading or better
• RAM: 16GB 1333MHz or better
• HDD: 2x 146GB 15,000 rpm, running in a raid 1 configuration
• 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: 10º C to 35º C (50º F to 95º F)
• Storage: -40º C to 65º C (-40º F to 149º F)
• Relative Humidity (non-condensing) Operating (twmax=26 C): 10% to 80%
• Storage (twmax=33 C): 5% to 95%
• Vibration Operating: 0.26G at 5Hz to 350Hz
• Storage: 1.87Grms Random Vibration at 10Hz to 500Hz for 15 minutes
• Shock Operating: 1 pulse of 31G for up to 2.6ms
• Storage: 6 pulses of 71G for up to 2ms
• Altitude Operating: -15.2m–3,048m (-50–10,000 ft)
• Storage: -15.2m–12,000m (-50–39,370 ft)

Regulatory compliance
• FCC (U.S. only) Class A, ICES (Canada) class A, CE Mark Class A,
• VCCI (Japan) Class A, BSMI (Taiwan) Class A, C-Tick (Australia/New Zealand) Class A,
• SABS (South Africa) Class A, CCC (China)

Software specifications
• CentOS 6.x Operating System

Browsers
• Microsoft Internet Explorer v6.0, 7.0, or 8.0
• Mozilla Firefox v3.5 or 3.6
• Apple Safari v3.2, 4.0, or 5.0
• Adobe Flash Player v9.x or 10.x