



# Polycom® *ReadiManager*™ SE200

Network Appliance-based Platform for Advanced Video/Voice Conference Management and Scheduling



## Benefits

**Integrated conference management applications** – Single-platform solution delivers an integrated suite of advanced video/voice conference scheduling and management functions that can be easily adapted to meet your specific network needs

**Leverage existing IP infrastructure** – Provides all of the features needed to make IP video conferencing easy to deploy and manage across an entire enterprise

**Low total cost of ownership** – Multi-purpose system simplifies management, eliminating the complexity and expense associated with deploying multiple standalone application servers

**Easy to use** – Consistent, intuitive user experience across all device management, scheduling, conference management, and gatekeeper functions

**Cost-effective** – Purchase only the number of licenses you need today; easily add licenses as your network grows

**Reduces support costs and improves call success rates** – Proactive 24x7 monitoring automatically alerts remote support personnel to current or potential problems, minimizing or even preventing any negative impact to service levels

**Reliable and secure** – Locked-down, embedded operating system and write-protected Flash memory-based virtual disk drive help ensure a more stable and secure environment for mission-critical conferencing applications

The conferencing industry's premier management and scheduling solution, *Polycom ReadiManager* greatly simplifies the deployment, maintenance, and use of today's sophisticated video/audio conferencing networks.

The new Polycom *ReadiManager* SE200 network appliance delivers a full suite of advanced video/voice conference management functions via a tightly integrated set of applications – gatekeeper, device management, scheduling, and conference management. This software “Management Pack” is built around a common database to facilitate one-time data entry for all manageable entities (such as users, endpoints, MCUs, and other conference or network resources) across all applications. In addition, *ReadiManager* SE200 provides users a consistent, intuitive look and feel throughout each management function.

The Management Pack software is designed to also run on a dedicated application module integrated within the Polycom *ReadiConvene*™ MCU platform. This dual-use design provides organizations of any size – from small businesses to large enterprises – a flexible, cost-effective option when deploying advanced video/voice conference scheduling and management applications, offering unparalleled performance, reliability, and investment protection. Gone are the days of having to maintain separate applications and deploy multiple standalone servers to host them.

Reducing ongoing support costs is a key consideration when choosing products to build a state-of-the-art conferencing network - and *ReadiManager* SE200 makes that decision easy. With features like 24x7 network monitoring that can automatically notify administrators of potential problems via text-based alert messages, and a zero-administration directory service that automatically maintains dialing addresses for all Polycom endpoints, *ReadiManager* SE200 allows you to optimize your conference network's performance and availability.

Your single-platform choice for conference management and scheduling to access the power of Polycom's unified collaborative communications solutions

With the greatest breadth and depth of integrated video, voice and Web solutions, only Polycom delivers the ultimate communication experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.



*Connect. Any Way You Want.*



## Core Platform

Polycom ReadiManager SE200's unique software management pack design offers a flexible and cost-effective way to implement a wide range of video/audio conference management and scheduling applications on a single platform

### Application Highlights

#### Integrated LDAP/AD

Integrates with enterprise LDAP or Active Directory for automated user maintenance.

#### Global Directory

User-centric address book is accessible from any location worldwide; automatically inserts proper in-country dialing codes.

#### Integrated Reporting

Call Detail Records include all parameters necessary for billing. Diagnostic Reports include reservation reports, call failures, video utilization, and event logs. Customized Reports offer the ability to create and save report templates, or report data can be exported in .CSV format for use in third-party applications.

#### Least Cost Routing

Optimizes network resources and drives cost savings by automatically using IP backbone connections to long distance ISDN locations for ad-hoc and scheduled calls.

#### External SQL Database Support (optional)

ReadiManager SE200 can optionally be configured to use an external SQL database as its primary database.

#### System Event Logging & Diagnostics

Receive event driven alerts to enable proactive monitoring of mission critical communications.

#### 3rd Party Product Support

The ReadiManager SE200 provides open standards support of third-party endpoints, gateways, MCUs, and gatekeepers.

## Advanced Gatekeeper

The ReadiManager SE200 Gatekeeper makes IP and ISDN video communication as simple as using your telephone.

Polycom's ReadiManager SE200 Gatekeeper complies with industry standards, so it works seamlessly with other network services and your existing network infrastructure. Easy system deployment coupled with advanced features, such as Least Cost Routing, H.323 Firewall/Gateway Routing, and Bandwidth Management, ensure reliability, security, and effective cost control within your network.

The intelligent network routing engine within the ReadiManager SE200 Gatekeeper combines advanced features like automatic ISDN number provisioning, gatekeeper functionality, RTP statistics, and addressing for both IP and ISDN video calls, solving many network management issues. Other powerful features that include Polycom OneDial™, Conference On-Demand, alternate IP and ISDN routing, Firewall Traversal Support, and Call Forwarding make video conferencing easy enough for anyone to use. Automatic endpoint registration, provisioning, and policy management enable network administrators to be more productive.

### Features & Benefits

**Polycom OneDial** – Hides all the confusing numbers, prefixes, codes, and network options (IP or ISDN) required to place your call; users simply select a name from a directory or enter a phone number-like 'alias' to launch a call

**Conference On-Demand\*** – Enables any Polycom video endpoint to dial multiple endpoints, turning any endpoint into an on-demand multipoint system (\*Requires Polycom ReadiConvene or MGC™)

**Firewall Traversal Support** – Allows video/voice calls to pass freely through firewalls without compromising security

**Policy Management** – Administrators can create policy management parameters to control bandwidth through segments of their video networks, apply network policies, and provide access to resources based on individual, group, or corporate-wide settings

**Auto ISDN provisioning** – Allows for auto provisioning of DID (ISDN) and E.164 numbers for automated deployment of video endpoints

**Increased availability and security** – Flags all call attempts from unregistered endpoints and allows administrators to predetermine whether the calls are automatically denied access; administrators can also keep NAT IP addresses confidential, preventing internal IP addresses from being accessed or sent outside the firewall

**RTP Statistics** – Provides packet loss, jitter, and latency-over-time stats to help analyze video call quality over the network; real-time graphs also help highlight video network issues at any point-in-time



## Device Management

Designed with the IT professional in-mind, the *RediManager SE200 Device Manager* is a Web-based management solution that enables centralized support of enterprise video/voice communication networks.

For enterprise-wide conferencing networks, the *RediManager SE200 Device Manager* handles system management, software updates, provisioning, and account management. Intelligent dialing makes using a video endpoint as easy as dialing a telephone.

Zero-administration directory services, remote video monitoring, call detail records, and centralized diagnostics over your LAN/WAN increase responsiveness, while reducing video communication support costs.

### Features & Benefits

#### Centralized control of video conferencing network saves time, resources, and costs

- Automatic software updates to networked video/voice conferencing devices – in groups or individually, on the fly or at scheduled times – ensure timely, hassle-free system upgrades
- Provisioning simplifies deployment and management by allowing users to create profiles of Polycom V-Series, ViewStation®, and iPower™ device settings and transfer those settings to newly installed systems
- Real-time monitoring and remote network management insures video conferencing network integrity by immediately notifying administrators of issues and minimizing network downtime

#### Comprehensive directory services make dialing video calls simple

- Dialing is as simple as pushing a button with the user-centric Global Directory and Polycom OneDial
- Integrates with gatekeeper functionality for seamless operation and management with Polycom OneDial
- E.164 support enables video calls to be dialed by name, extension, or alias

#### Maximizes investment in video conferencing network

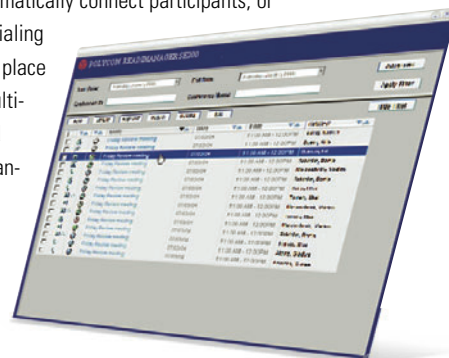
- Aggregated network data reduces operating and administration costs
- Call detail reporting provides network usage statistics and reports for chargeback accounting
- Comprehensive management and control reduces IT resource support requirements

## Scheduling & Conference Management

*RediManager SE200* offers users simple, intuitive, enterprise-wide video/voice conference scheduling and management.

The *RediManager SE200 Scheduling & Conference Management* enables do-it-yourself conference scheduling right from the desktop. An intelligent wizard interface prompts users to enter required conference information, resulting in faster, easier scheduling and virtually eliminating the need for training. Users can also schedule and manage conferences using their own Microsoft® Outlook® or IBM® Lotus Notes® applications.

People can now choose how and when they meet - with the flexibility to create conferences that automatically connect participants, or “meet-me” conferences by dialing into/from an MCU. They can place point-to-point, embedded multi-point or external MCU-based calls between almost any standards-compliant video/voice communication system – seamlessly connecting most major manufacturers' endpoints and MCUs across ISDN or IP networks.



### Features & Benefits

#### Increases user efficiency

- Fast and simple scheduling through a browser, Microsoft Outlook, or IBM Lotus Notes; no new applications to learn
- Automatic calendar updates keep users current
- Direct access to global corporate directories simplifies setting-up calls

#### Drives more efficient use of video communication assets

- Always-available access to video communication resources
- Seamless scheduling across most major conferencing vendor systems

#### Reduces support costs

- Hassle-free conference scheduling for users, eliminating the need for dedicated conferencing managers

#### Scheduling Templates

- Administrators can create templates for users, or set defaults for selecting certain conference features

#### Integrated Calendar

- Quick access to meeting and conference schedules helps easily identify potential conflicts

## Platform Highlights

### Security

- Secure appliance-based architecture
- Flash memory-based virtual hard drive
- Integration with existing IT access control mechanisms (AD and LDAP)
- Lock-down of all nonessential services

### Reliability

- Registrations survive system restart
- Existing calls not affected by a system restart
- Fast start-up time (1 minute)

### System Management

- Supports industry standards such as RS-232, Telnet, HTTP(S), FTP, and LDAP
- Embedded setup wizard for initial configuration
- Multiple administrative security/permission levels

### Conference Protocol Support

- E.164 Dialing
- H.350 Directory Services Architecture for Multimedia Conferencing
- H.320 (ISDN) and H.323 (IP) Video
- H.225.0 RAS and H.245 Media Control with Firewall/NAT Traversal Support

### System Capacities and Licensing

The Read*Manager* SE200 system capacity scales from 25 devices up to 525 devices. The platform comes preconfigured with a baseline capacity of 25 devices. Additional device licensing is offered in the following expansion license pack sizes: 25/50/100/250/500. When applied to the system, an 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 125.

Where applicable, the number of concurrent calls supported by a Read*Manager* SE200 is derived from the number of device licenses at a 3/10 ratio (calls/devices). The exception is the 25-device baseline system, which supports up to 12 concurrent calls. As an example, a system licensed for 100 devices supports up to 30 concurrent calls, while a 500-device licensed system supports up to 150 concurrent calls.

Device licenses are consumed/occupied based on the following rules:

- a) 1:1 basis for any device (MCU, GK, GW, endpoints - including personal endpoints and SoundStation VTX1000<sup>®</sup> audio endpoints, IP blades, and more) that can be added into the system through any means, including but not limited to, the user interface, registration for management services, or registration for Address Book services.
- b) 10:1 basis for "schedulable rooms" (10 schedulable rooms consume one license). System administrators and end-users do NOT occupy a device license.

### Warranty

One (1) year limited hardware warranty: unit returned to Polycom factory within 30-days after receipt; 90-day software warranty: bug fixes / minor releases. Please contact your Polycom Reseller or a Polycom Sales representative for more details.

### Service and Support

Service support agreements are available for the Polycom Read*Manager* SE200, which provide for unlimited technical telephone support, software updates (bug fixes / minor releases), and expedited advance replacement parts. Please contact your Polycom Reseller or a Polycom Sales representative for more details.

## Appliance Specifications

- Form Factor: 1U 19" rack mount
- Height: 1.73" (44 mm)
- Width: 16.83" (430 mm)
- Depth: 15.35" (390 mm)
- Gross Weight: 22.4 lbs (10.2 kg)
- Power Supply: Thermal controlled 220W ATX AC power supply w/PFC
- AC Voltage: 100 - 240 VAC, 60-50 Hz, 5-3 Amps

### Environmental

- Operating temperatures: 0° C to 40° C
- Storage temperatures: 0° C to 80° C
- Relative humidity: 5% to 90% (Non-condensing)

### Regulatory Compliance

- Electromagnetic Emissions: FCC Class A, EN 55022 Class A, EN 61000-3-2/-3-3, CISPR 22 Class A
- Electromagnetic Immunity: EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)

### Safety

- EN 60950/IEC 60950 – Compliant
- UL Listed (USA)
- CUL Listed (Canada)
- CE Marking (Europe)

## Other Requirements

### External Database (optional)

- Microsoft SQL Server 2000

### Network Client Hardware

- Intel<sup>®</sup> Pentium<sup>®</sup> processor, 200 MHz
- 64 MB RAM

### Network Client Software

- Windows<sup>®</sup> NT/2000/XP
- Microsoft Internet Explorer<sup>®</sup> 6.0 or higher with Active X<sup>®</sup> control permission enabled
- Microsoft .NET Framework 1.1

### Polycom Device Version Requirements

- V-Series (all software versions)
- ViewStation 7.x or higher
- ViewStation SP 6.x or higher
- ViewStation FX/EX 5.x or higher
- ViaVideo<sup>®</sup> 5.x or higher
- PVX<sup>™</sup> 6.x or higher
- iPower 5.x or higher
- MGC 6.x or higher
- SoundStation VTX 1000<sup>®</sup> 1.3 or higher
- QSX<sup>™</sup> series 1.0 or higher

### Third-Party Device and Equipment Support

Most major vendors of video devices, MCUs, gateways, gatekeepers, network equipment and room equipment. Please contact your Polycom Reseller or a Polycom Sales Representative for more details.

## Product Availability

The Polycom Read*Manager* SE200 will be available for shipment beginning in 3Q2005.

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