Polycom® RealPresence® Platform, Virtual Editions

Virtualize your mission-critical video and voice applications and increase the flexibility, manageability, and efficiency of your deployment.

The software evolution

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. With the rise of the virtualized datacenter, Polycom has evolved the components of the RealPresence Platform to support virtual software deployment strategies—increasing the flexibility, manageability, and efficiency of your video deployment. The RealPresence Platform can now can now be deployed instantly as software, making video and voice collaboration simple and scalable in any environment.
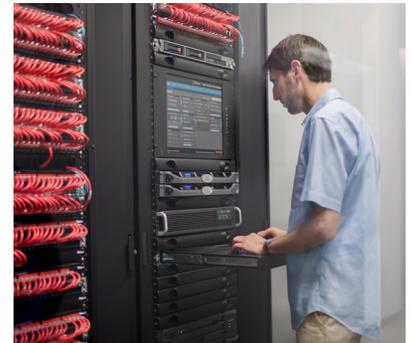
Hardware independence

The components of the Polycom® RealPresence® Platform, Virtual Editions are 100% independent from the physical hardware, and work with any and all operating systems and applications that run on standard servers. This allows IT managers to consolidate x86 servers along with their network and storage resources into a unified pool, where video and voice applications run alongside other business applications in the virtual datacenter. Virtual editions of the RealPresence Platform speed installation for faster time-to-service, provide single pane of glass for management and monitoring, and allow IT managers to plan and optimize resources.

Industry-leading investment protection for hybrid environments

For customers who have already invested in hardware components of the Polycom RealPresence Platform, the virtual editions offer an easy transition to software by working seamlessly with existing hardware infrastructure. This architecture eliminates collaboration silos caused by systems that don't talk to each other, including support for emerging standards such as SVC. Virtual editions of the platform are standards-based and natively interoperable with UC solutions that already exist in a customer network, and also with third-party vendor solutions, giving customers the best investment protection in the industry.

A lean, dynamic organization

The result is a flexible approach to video architecture—producing significant savings in capital and operational costs. IT managers can dynamically spin-up or spin-down video services based on demand, making the whole organization more agile, more responsive, and more connected.

Benefits

- **Increases agility**—Easily spin-up and spin-down video capacity based on your organization's changing needs

- **Increases resilience**—Software provides better disaster recovery and easier backups for business continuity

- **Reduces deployment time**—Software is quick and easy to deploy, especially for trials and proof-of-concepts

- **Reduces total cost of ownership**—Virtual appliances and applications use your IT resources more efficiently, supporting datacenter consolidation

- **Aligns with strategic IT policies**—Add video infrastructure to your existing virtualized datacenter

- **Aligns with procurement policies**—Purchase software the with the same CapEx or lease program as your existing platform components

- **Provide flexibility and choice**—Supports hybrid environments with seamless interoperability with existing hardware components

Environment requirements

Category	Requirement description
Server Hardware Requirements	**Per VM Instance** 4 to 16 physical cores 8 to 64 virtual cores (optional hyper-threaded) 2.0 Ghz (Intel Xeon E5 Series or better CPU) or 2.5 Ghz (Intel Xeon 5500 Series or better CPU) 2.9 Ghz (Intel Xeon E5 Series or better recommended for RealPresence® Collaboration Server)
VMware	vSphere 5.1, ESXi 5.1
Recovery	vSphere HA (Optional)
Directory	External LDAP (Optional)

RealPresence Platform, customer environment requirements

RealPresence Platform products	Recommended full capacity VM instance		Minimum lab environment VM instance	
RealPresence® Collaboration Server	32 virtual cores 16 GB RAM 120 GB storage	20HD / 60 SVC ports	8 virtual cores 16 GB RAM 30 GB storage	5HD / 15 SVC ports
RealPresence® DMA®	16 virtual cores 8 GB RAM 100 GB storage	5,000 concurrent calls	2 virtual cores 8 GB RAM 25 GB storage	50 concurrent calls
RealPresence® Resource Manager	24 virtual cores 16 GB RAM 146 GB storage	50,000 devices	2 virtual cores 8 GB RAM 50 GB storage	400 devices
RealPresence® Access Director™	8 virtual cores 8 GB RAM 64 GB storage	900 simultaneous calls	1 virtual core 4 GB RAM 16 GB storage	5 simultaneous calls
RealPresence® Capture Server	16 virtual cores 8 GB RAM 50 GB OS storage >40 GB data storage	6 simultaneous calls 3 live streams	8 virtual core 8 GB RAM 25 GB OS storage 40 GB data storage	2 simultaneous calls 1 live stream
RealPresence® Platform Director	8 virtual cores 8 GB RAM 100 GB storage	10 instances	4 virtual cores 8 GB RAM 25 GB storage	5 instances
Total resources required	104 virtual cores		25 virtual cores	
	64 GB RAM		52 GB RAM	
	548 GB accessible storage for applications		171 GB accessible storage for applications	

Other virtual solutions

Virtual extensions of the RealPresence Platform	Recommended VM instance		Minimum VM instance	
RealPresence® CloudAXIS™ Experience Portal	8 virtual cores 8 GB RAM 25 GB	800 concurrent sessions	4 virtual cores 4 GB RAM 25 GB	300 concurrent sessions
RealPresence CloudAXIS Scheduling Portal	8 virtual cores 8 GB RAM 100 GB	3,000 concurrent host logins	4 virtual cores 4 GB RAM 25 GB	1,000 concurrent host logins
RealPresence® Media Manager	8 virtual cores 8 GB RAM 80 GB OS & App Data storage varies	1,000 concurrent users	4 virtual cores 8 GB RAM 40 GB OS & App 40 GB data storage	Up to 100 concurrent users
RealPresence® Content Sharing Suite	8 virtual cores 16 GB RAM 100 GB	20,000 installed users 500 concurrent users	4 virtual cores 8 GB RAM 100 GB	5,000 installed users, 100 concurrent users

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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.

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