



PRODUCT BROCHURE

Polycom® RealPresence® Group Series



Today's increasingly competitive global workplace requires teams to be able to make decisions across distances and without barriers. To compete and become more agile in a fast-moving world, organizations need to create productive work environments that enable digital work habits and collaboration. These interactions spark innovation, engagement and higher productivity. But most conference rooms are ill-equipped to meet these challenges. According to Forrester Research over 90% of meeting rooms lack even basic video collaboration capabilities*. As traditional office environments shift to open and shared workspaces, teams are left to themselves to use antiquated or unreliable consumer-grade tools when making critical business decisions.

Polycom® RealPresence® Group Series is the engine that drives enterprise-grade video, voice and collaboration experiences, accelerating decision-making and fostering innovation. Only Polycom delivers video collaboration experiences that bring users closer together, helping geographically dispersed teams harness information and knowledge to improve efficiency and productivity. Next-generation collaboration tools ensure that everyone is involved in all aspects of the conversation, with interactive content on any device. Standards-based interoperability and deep integration with Microsoft Lync ensures that the experience is a scalable and manageable part of the UC experience that users are already familiar with.

Video Experiences

Natural, lifelike video experiences require more than just great video quality. Conference rooms are especially tricky – every room is different, ranging from small to very large, in all sizes and shapes. And a growing number of interactions happen outside of traditional conference rooms, introducing a new set of challenges. The key is to deliver a great experience for every participant that feels as natural as being there. Everyone should see and be seen, bringing distant teams closer together and motivating collaboration.

Only Polycom delivers a range of automatic camera tracking solutions that ensure participants can always be seen clearly.

- Polycom® EagleEye™ Producer uses innovative facial-tracking algorithms to accurately frame all participants, eliminating the “bowling alley” view that is all too common in video calls.
- For a more immersive experience, Polycom® EagleEye™ Director automatically zooms in on the person speaking, transmitting facial expressions and body language for higher impact and more productive video collaboration.
- Delivering these kinds of personalized experiences with no user intervention transforms team collaboration into an interactive experience that is much more comfortable and enjoyable for everyone, driving up video utilization and creating more meaningful connections.

Users form stronger relationships across distances with the stunning clarity and natural, lifelike motion inherent in Polycom® RealPresence® Group Series that allows even the most subtle details to be clearly seen, with video quality up to 1080p resolution at 60 frames per second. All of this is available at up to 50% less bandwidth than competitive solutions by utilizing H.264 High Profile technology.

Polycom® RealPresence® Group Series makes it quick and simple to experience these productivity benefits. Great care has gone into designing a user interface that is easy and intuitive so anyone can start a video call with no training. Since users have varying control preferences, Polycom has designed several different ways to dial, share content, and control different aspects of the meeting.

- With Polycom® SmartPairing™, use your own mobile device to dial and manage video calls.
- Each room can have its own calendar displayed on-screen with a single click to dial meetings, simplifying connections for users.
- The optional Polycom® Touch Control provides a simple tabletop touch interface that can also be used with legacy Polycom video solutions for consistency in every location.



* Source: “Choose Video As A Service For Customer Collaboration, Mobile Connectivity, And Agility”, September 2014, Forrester Research, Inc.

“It’s changed the industry by allowing you to have a table read in New York being watched by people in Los Angeles. You see the nuances of performance; you can make changes. It’s interactive.”

Tyler McGuire, Beth Melsky Casting and Envision Studios



Audio Experiences

Great quality audio is critical for seamless collaboration experiences. Polycom continues to push the envelope with new innovations in audio conferencing to meet the needs of changing workplace dynamics and emerging meeting spaces.

- RealPresence Group Series features the ultimate voice clarity, automatically reducing background noises and delivering advanced echo cancellation to keep meetings on track and free from distractions.
- Even more obtrusive noises are removed by Polycom NoiseBlock™ technology, which keeps annoying sounds such as keyboard clicking and paper rustling from interrupting your meetings.
- The entire experience is protected by Siren LPR technology, which protects audio quality without interruption even in very challenging network environments with significant packet loss.



Every location has its own unique acoustic challenges, so it is important to have a range of audio options for optimal clarity from anywhere.

- Multi-directional table microphones use 3 distinct pickup elements to ensure everyone is heard clearly.
- Optional Polycom Ceiling Microphone Arrays move the microphones up and out of view, keeping the table clear of clutter and keeping distracting noises out of your calls.
- Native integration with Polycom SoundStation conference phones delivers a consistent experience for users, whether they are on voice or video calls, and adds additional microphone coverage during all call types.
- For larger or more acoustically challenging rooms, Polycom® SoundStructure® enables highly sophisticated audio tuning and configuration, plus the ability to add dozens of additional microphones, delivering clarity for everyone even in your largest spaces.



Content Collaboration Experiences

In many meetings, high-quality content collaboration is the most important factor. RealPresence Group Series lets you share content up to 1080p resolution at 60 frames per second—better than Blu-Ray quality. You can share anything with everyone on the call in the same quality that you see it locally - video clips, CAD animations, medical diagrams, or anything else you can dream up. Critical functions are improved and projects are tackled more effectively when high-quality collaboration is an essential part of the daily workflow.

Collaboration tools that are accessible to all and integrated into daily activities fosters true collaboration for everyone. Polycom® VisualBoard™ technology enables you to mark up documents, drawings, or anything else you share during a call. You can do this from a touch monitor, the Polycom® UC Board™ accessory connected to a standard LCD display or white board, or even a mouse connected to the RealPresence Group system. Plus you can save all of the content and annotations on a flash drive for later use.

“With a video call we can resolve the problem and avoid patient admissions back into the training unit. It’s very high definition so we can see every aspect of the dialysis treatment as if you were in the room with them.”

Tracy Berry, Home Therapy Manager, Lancashire Teaching Hospitals NHS Foundation Trust



Polycom® RealPresence® Group Series offers a versatile array of options for sharing from nearly any type of device.

- Use the built-in VGA and HDMI connectors to plug directly into a laptop, document camera, Blu-ray player, or a multitude of other devices.
- Use the free People+Content IP application to wirelessly share from a PC or Mac.
- Use SmartPairing to automatically connect your mobile device or laptop to the RealPresence Group system.
- Or, when using the RealPresence Platform with RealPresence Content Sharing Suite, you can easily send or receive content from a standard web browser.



Interoperability

A video collaboration solution is only as valuable as the number of other systems that it can call. Polycom® RealPresence® Group Series supports open, standards-based interoperability, giving you the freedom to connect to anyone, anywhere. We’re compatible with both current communication technology investments and with new and emerging systems to deliver the best investment protection. Deep interoperability and integration with leading unified communications (UC) platforms—such as Microsoft Lync 2013 and 2010—means that video calls easily fit with the way you already communicate. This native interoperability, without expensive and complex gateways, extends the benefits of your UC platform investment while simplifying the experience for users.

Emerging Scalable Video Coding (SVC) technology makes video collaboration more resilient to challenging network conditions while lowering your infrastructure costs. Many SVC products that are based on proprietary technology lock customers into only using specific vendor equipment. Polycom’s unique interoperable SVC architecture is the first to provide video calling between both existing video systems and new SVC systems. This unique approach delivers unmatched investment protection and avoids “video islands” that lock you into only calling other like systems. Polycom’s approach introduces SVC into standards-based environments for the best of both worlds.

Broad Range of Options

Polycom® RealPresence® Group Series is an ideal fit for any type of collaborative environment, from huddle rooms to large classrooms and open workspaces. It’s important that the technology be right-sized for the environment in order to deliver the best possible experience for all users. Polycom’s range of cameras, accessories, and packaged solutions ensure that you can outfit any type of space at a price that fits your budget.



RealPresence Group Series Models

- RealPresence Group 310 delivers high quality collaboration at a breakthrough price for smaller meeting rooms, huddle rooms, and offices.
- RealPresence Group 500 delivers powerful video collaboration performance for conference rooms and other meeting environments in a sleek design that is easy to configure and use.
- RealPresence Group 700 delivers extreme video collaboration performance and flexibility for board rooms, lecture halls, and other locations where only the best will do.

Powerful Camera Options

- The Polycom EagleEye Acoustic camera, featuring built-in microphones and small footprint that easily mounts to the top of a flat-panel display, is the perfect fit for an executive office or huddle room.
- Polycom EagleEye IV is a completely digital camera, with a 4k sensor to capture incredible detail, and offers industry-leading flexibility for any room environment.
- Polycom EagleEye Producer uses innovative facial-tracking algorithms to accurately frame all room participants, eliminating the “bowling alley” view that is all too common in video calls.
- Polycom EagleEye Director delivers an affordable and personalized telepresence experience in group meetings by automatically locating the person speaking and, through simultaneous voice triangulation and face-finding, accurately cropping and framing their image in the display.

RealPresence Group Media Centers

The Polycom® RealPresence® Group Series Media Centers are packaged solutions for organizations looking to easily deploy video communications.

They feature the latest in high-performance video conferencing and are customizable to accommodate the needs of the collaboration space. Polycom RealPresence Group Media Centers are the perfect solution for boardrooms, meeting rooms, offices and classrooms in all types of industries.



RealPresence® Group Series Media Center

Packaged Solutions

- The Polycom® RealPresence® Utility Cart 500 allows users to bring in remote participants wherever they are needed. The ease-of-use and flexibility of a mobile cart will increase productivity through communications happening when and where you need to be.
- The Polycom® RealPresence® EduCart™ 500 solution is a flexible, movable videoconferencing solution that brings educators, experts, students or locations into the classroom no matter where they are located.
- The Polycom® RealPresence® VideoProtect 500 solution is a safe, secure videoconferencing solution that delivers local services to citizens no matter where they are located, protecting the components and enabling video to be used in public or judicial environments.

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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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