HP | POLY

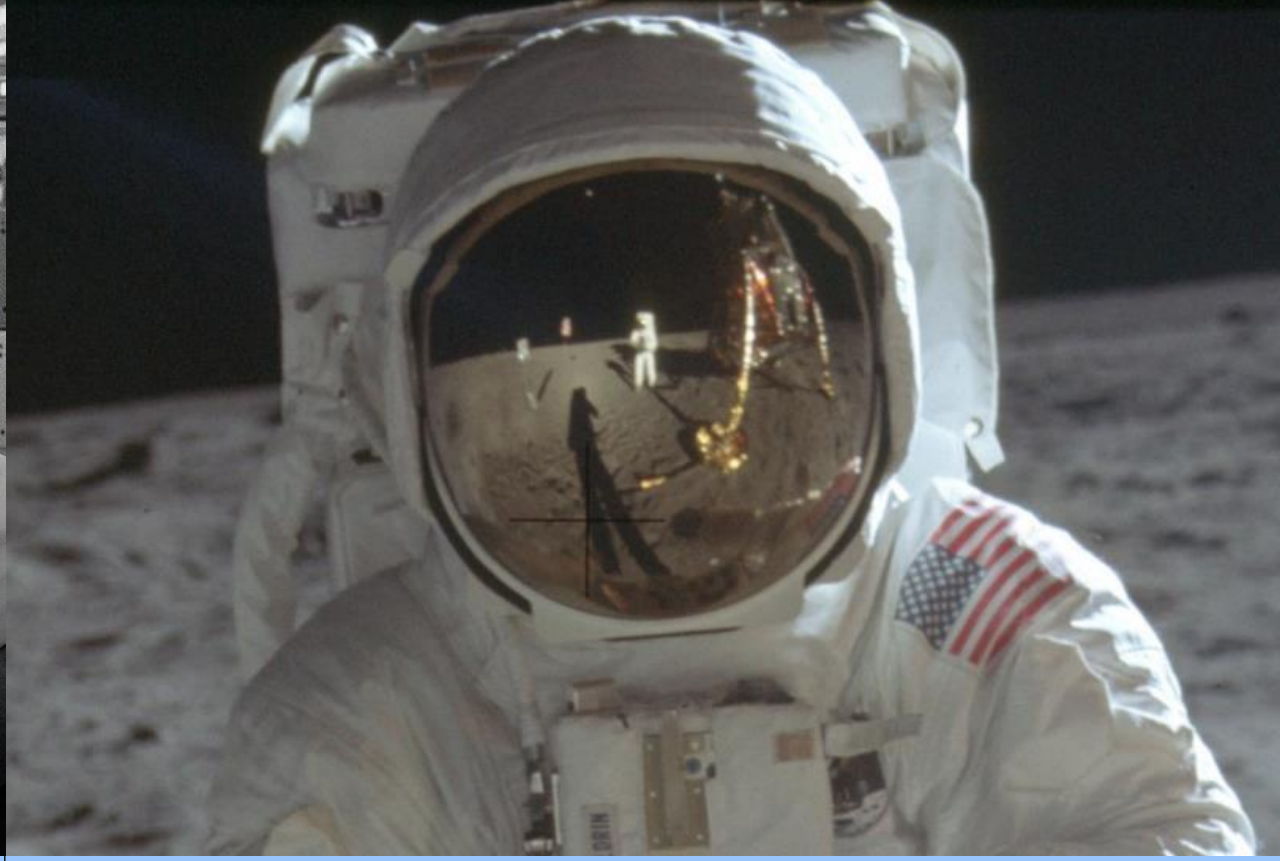
Aktuální trendy a novinky ve vzdálené komunikaci

Tomáš Kříž

Senior Sales Engineer

ECE

Disney used HP's oscillator to test audio equipment in the 12 specially equipped theaters showing Fantasia in 1940.



On July 20th, 1969, Plantronics (now Poly) went to the Moon, delivering an epic line "One small step for man..."

Two Iconic Brands

A powerful alliance

Unified platform to lead hybrid work

Empowering end users to be seen and heard.

The HP strength
Compute, print and displays.

The Poly strength
Headsets, desk phones, video and room solutions.

Enabling IT to manage and secure in a hybrid world.

The HP strength
Security, manageability and services.

The Poly strength
Peripherals management, insights and room services.

Evolution of hybrid

Before 2020

Occasional Remote Work

Office centricity

- Office of the future upgrades
- Facilities-driven set up
- **Occasional remote work** with hybrid on fringes

2020-21

Forced remote work

Home centricity

- Last minute PC upgrades
- Forced remote work and Zoom fatigues
- **Made remote work, work but unsustainable**

2022-23

"Forced" return to office

Worst of both worlds

- **Figuring out return to office**
- Productivity (in-home) versus Collaboration (in-office)
- Managing technology upgrade versus economic uncertainties

2024+

Era of **hybrid flexibility**

Best of both worlds

- **Hybrid adoption becomes mainstream**
- Reduced loss of productivity in office & collaboration from home
- Companies get budget to re-invest in technology

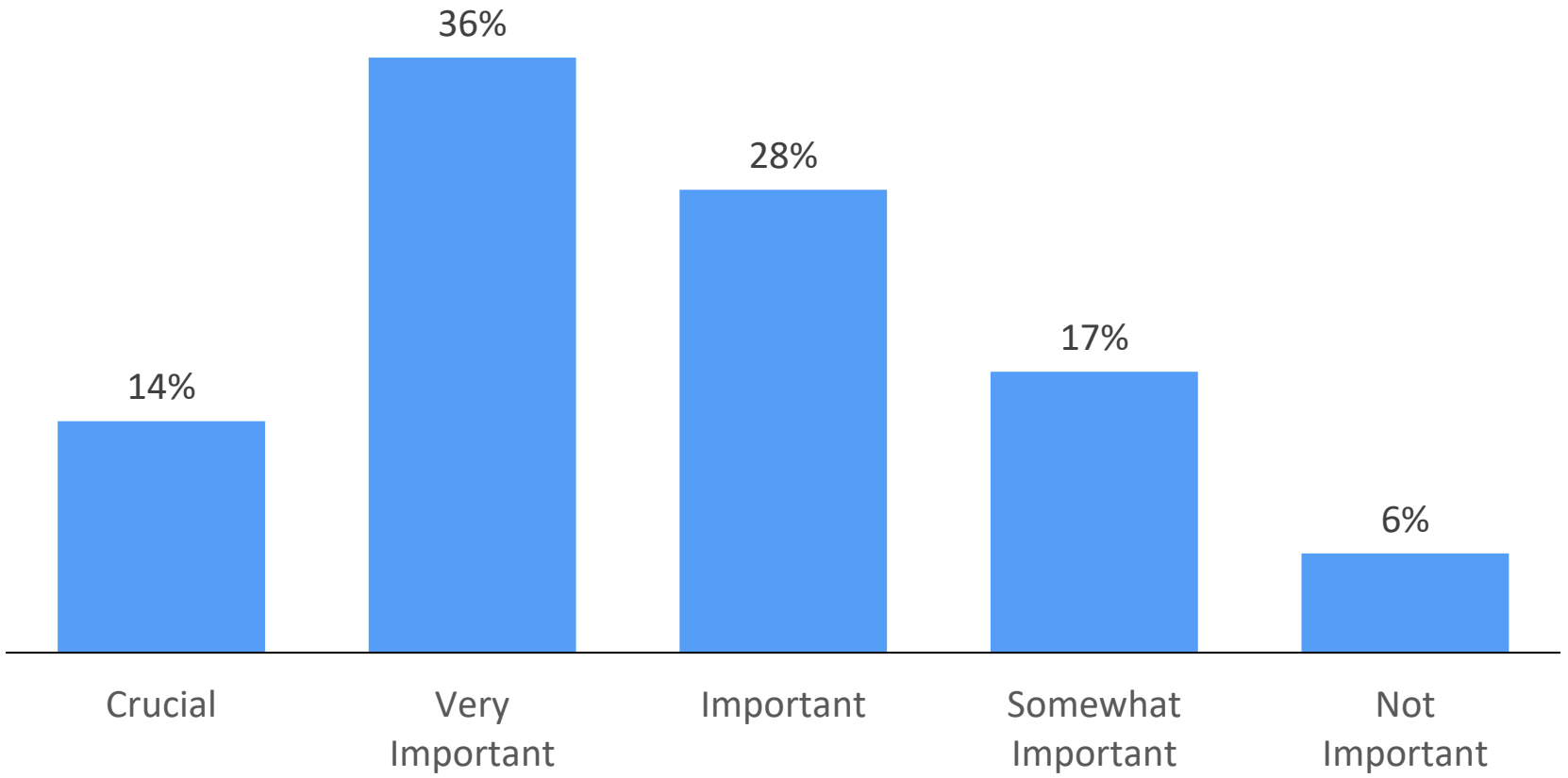
The workplace is being rewired and the opportunity is immense

Frost & Sullivan, Future of Hybrid Work Investment Priorities for the Workplace and Video Conferencing

Market trends

78% of ITDMS consider **Smart cameras important**, **very important or crucial** for video conferencing rooms.

IMPORTANCE OF SMART CAMERAS FOR VIDEO CONFERENCING ROOMS, GLOBAL, 2022



Frost & Sullivan, Future of Hybrid Work Investment Priorities for the Workplace and Video Conferencing

The way we work has forever changed.

Challenges Employees Are Facing In The New Era

Home

70% of employees have a WFH preference of 3+ days per week

On the Go

73% of workers are expected to work from more than 1 location going forward.

Meeting Rooms

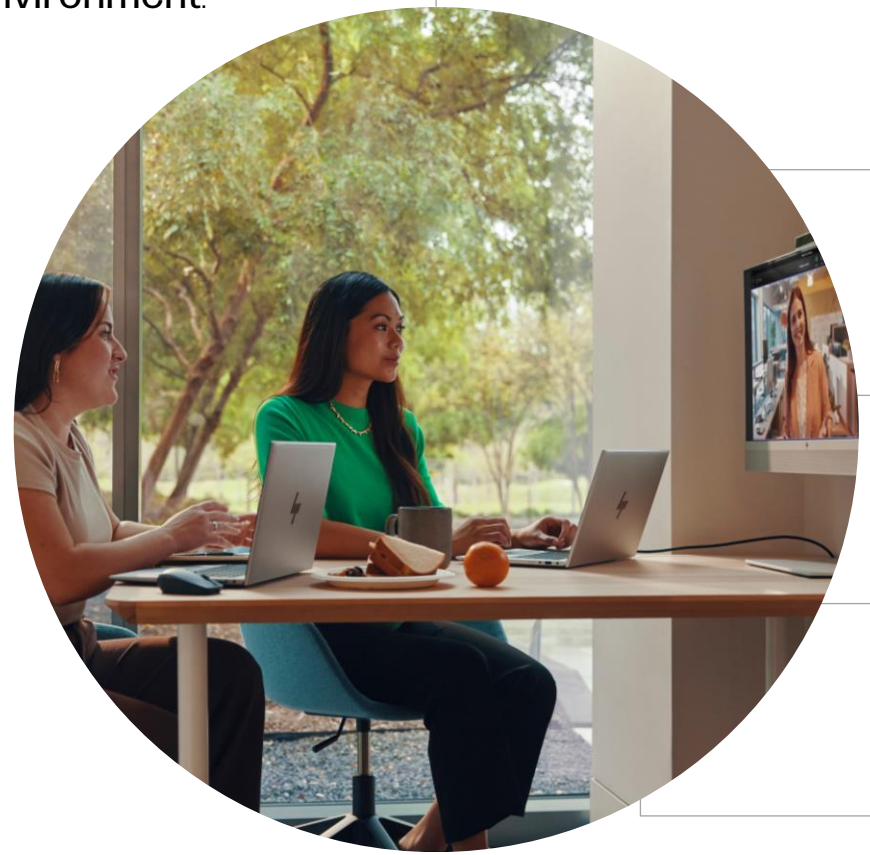
48% of companies plan to add more meeting rooms to support hybrid work.

Office

91% of employee's report being frustrated due to inadequate workplace technology

Technology is critical to office success

Ranked from what is most important to employees in an office environment.



1. Technology — 89%
2. Colleagues / Community — 81%
3. Free food / Beverages — 55%
4. Beautiful Design — 53%
5. Amenities — 48%

Companies that get hybrid right will be more successful.

Why HP solutions for hybrid life

Broad portfolio of video solutions and peripherals for collaboration & productivity

Deep expertise and persona-based insights to drive hybrid work success

AI enhanced audio and video features deliver a future ready experience

Designed with Sustainability in mind

Solving the challenges of hybrid work

Show up at your best

Advanced camera capabilities including auto framing, multi-camera streams, auto image correction, and lighting adjustments allow end users to connect and collaborate with colleagues at the office or remote.

Sound & hear | Loud & clear

AI based Noise Reduction filters inbound and outbound noise to optimize voice clarity so you can move freely.

Intelligent & Intuitive

Get up and running with peripherals that not only help you stay productive regardless of where work takes you, but also align to your ergo/wellness needs.

Everywhere Ecosystems

Not just how you work, you can stay productive where you work too

At Home

We've perfected our ideal setups at home

HP Dragonfly G4

Poly Studio P15
Personal Video Bar

HP Z34c
Curved Display

Poly Voyager
Focus 2

HP 450/455 Programmable
Wireless Keyboard

HP 930/935
Creator Wireless
Mouse

On the Go / Customer site

Work seamlessly with an on-the-go toolset

Dragonfly Folio G3
with SureView Reflect

HP E14 G4
Portable Display

HP Travel
Expandable Backpack

Poly Studio
P5 Webcam

Poly Voyager Free 60+
UC Wireless Earbuds

HP 710/715
Rechargeable Multi-
Device Mouse

In the Office

Back to the office shouldn't feel less productive

HP EliteBook 1040 G10

HP E-Series Displays

Poly CCX 700

Poly Voyager
Surround 80 UC

HP 920/925
Ergonomic
Vertical Mouse

HP 970/975 Dual-Mode
Wireless Keyboard

HP Renew Executive
Series

How Poly Drives Hybrid Work Success

COLLABORATE FROM ANYWHERE

79% of workers expect employers to provide equipment for ALL locations

Hybrid work means transitions and working across locations. It's important to support employees anywhere work.

Portable
On-the-go audio & video

Hands-free options

Comfort and wearing style choice

Charger Stands and Cases

Microban® Protection

LOOK AND SOUND YOUR BEST

70% say it's important to have access to technology that allows everybody to be seen and heard

Poly personal audio and video solutions are engineered to help you put your best face forward.

Webcams

Premium Video Bars

Active Noise Canceling headsets

Acoustic Fence & NoiseBlock AI Technology

HD Video & Customization

Microphone Arrays and Poly HD Voice

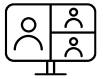
BETTER MEETINGS

48% of companies plan to add more meeting rooms to support hybrid work.

For maximum meeting productivity, deliver the latest AI-driven experiences for meeting equity in any size room.

PC-Based Room Solutions

Custom Room Solutions



DirectorAI Framing

All-in-one Video Bars

Acoustic Fence & NoiseBlock AI

Management & Customization

Connect and collaborate

Video Solutions for any type of room

Huddle/Small Room

Poly Studio Small Room Kit

Poly Studio R30

Poly Studio X30

Medium Room

Poly Studio Medium Room Bundle

Poly Studio USB

Poly Studio X52

Large/Conference Room

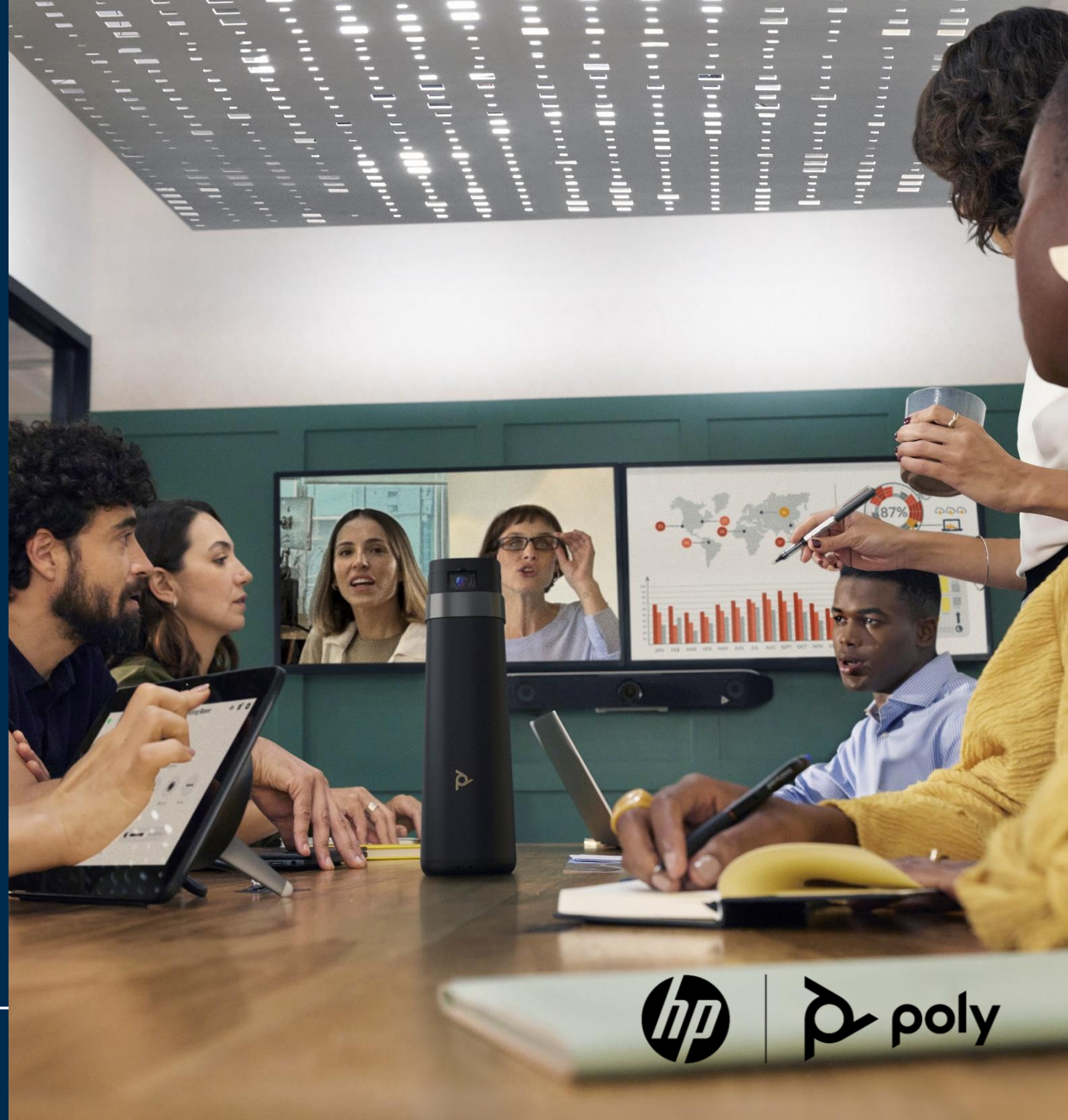
Poly G7500

Studio X70

Demand for multi-camera experience on the rise.

"While the demand for multi-camera rooms is still nascent, it is expected to gain traction. By 2028, **one in five medium and large sized rooms are forecasted to have a multi-camera solution**."

Frost & Sullivan, "State of the Global Video Conferencing Devices Market–Forecast to 2028", December 2023



Collaborate with Poly Solutions

Hybrid Work Collaboration Portfolio

HEADSETS & SPEAKERS

HP Stereo

Blackwire

Voyager

Sync

Savi

EncorePro

VOICE

CCX

Poly Edge E

Trio C60

Poly Edge B

VVX

Rove

PERSONAL VIDEO

HP 320 / 325

HP 430/435 FHD

HP 620/625 FHD

HP 960/965 4K

HP Presence All in One

Poly Studio P5

Poly Studio P15

GROUP VIDEO

Studio Bundles for Zoom Rooms

Studio Kits for Microsoft Teams Rooms

Controllers

Poly Studio X

Poly Studio R30

Cameras

Integrator

SHURE
biamp.
APPSPACE
Raydiant

Accessories

LENS CLOUD
management
APIs*

TECHPULSE
analytics & insights

Poly audio technologies

Filter distractions and support the natural flow of conversation to keep your meetings on track

POLY NOISEBLOCKAI TECHNOLOGY

Keeps the conversation on track using machine learning to recognize and block non-verbal noises.

SOUND REFLECTION REDUCTION

Enhances voices in the meeting room by removing audio reverberation experienced by hard surfaces.

POLY ACOUSTIC FENCE TECHNOLOGY

Shields your calls from distracting outside voices and sounds using your conference room microphones to create a defined sound zone.

Sound Reflection Reduction

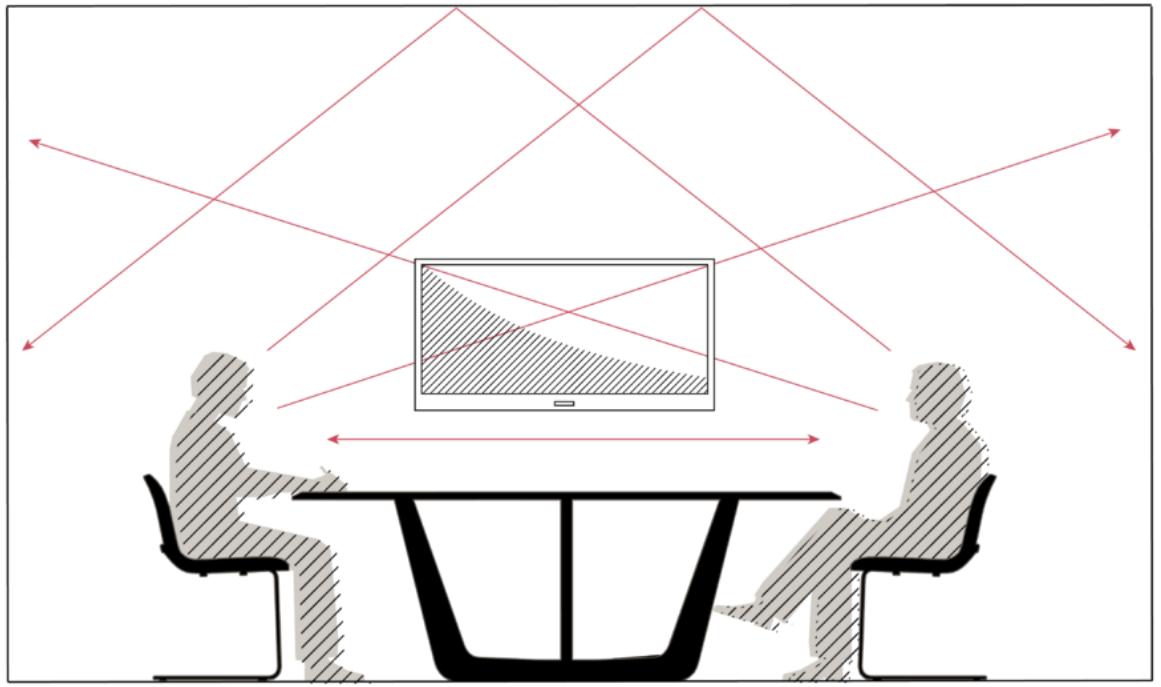
Removes audio reverberation caused by glass walls and hard surfaces.

FEATURE

- Removes strange artifacts heard on the far end
- Maintains the natural sound of speech

BENEFITS

- Allows participants further from the mic to sound closer and clearer.
- Removes the need to purchase expensive/ complex hardware microphone arrays.



Poly's Sound Reflection Reduction provides an easy fix via software in meeting rooms with Studio X and G7500.

Poly DirectorAI

Poly DirectorAI is our **proprietary suite of AI technology that provides end-users with an automatic camera experience during their meetings**

Some of these innovations include:

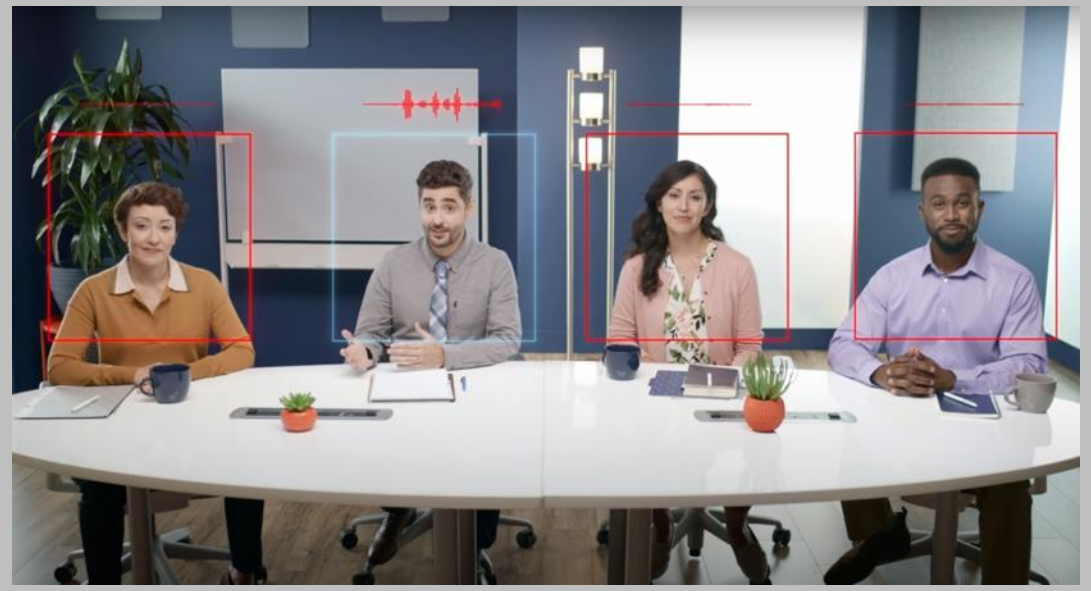
Automatic framing mode for speaker, group, or people

Presenter tracking mode

For equal representation of room participants in the room of any size

Engaging far end experience as the view is optimized

Works well with any of Teams Rooms layout



DirectorAI intelligently frames group or speaker

Front Row view (with speaker framing)

Poly DirectorAI

Camera modes

Group framing

People framing

Speaker framing

Presenter tracking

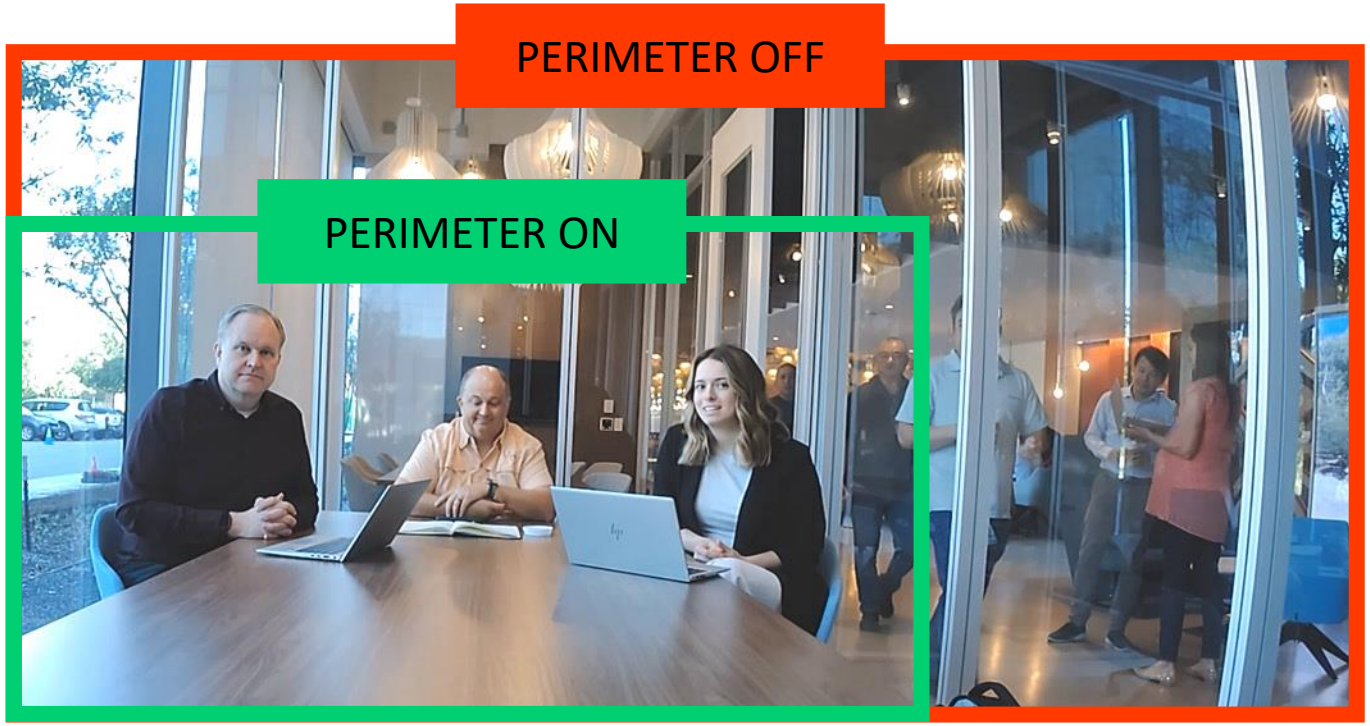
Poly DirectorAI Perimeter

Enhance your meeting experience by setting a perimeter on the camera framing.

Meeting spaces that are open or utilize glass walls can present challenges when it comes to automatic camera framing. With DirectorAI perimeter, you can focus on your meeting while your camera keeps distractions at bay.

ENJOY MODERN MEETING SPACES

DISTRACTION FREE COLLABORATION



HP and Poly Personal Video Solutions

Poly Studio P5
Best for larger volume opportunities
zoom Certified · Certified for Microsoft Teams · works with Google Meet · works with chromebook

HP 965 4K Streaming Webcam
Best 4K streaming webcam
zoom Certified · Certified for Microsoft Teams · works with Google Meet · works with chromebook

HP 625 FHD Webcam
Best business webcam with Windows Hello
zoom Certified · Certified for Microsoft Teams · works with Google Meet · works with chromebook

HP 435 FHD Webcam
Best value webcam for conferencing and streaming
zoom Certified · Certified for Microsoft Teams · works with Google Meet · works with chromebook

HP 325 FHD Webcam
Best budget webcam
works with chromebook

Voyager Free 60 UC Series

True wireless earbuds for work and life

Voice First

Six microphones, stem design and noise canceling for clear business calls

Adaptive ANC

Keeps you focused no matter where you work

Transparency Mode

Hear your surroundings without having to remove an earbud

Comfortable Design

Includes 3 silicone ear tips for a secure fit and optimum audio

Multi Point

Stay connected to up to 2 devices at the same time

Certified for Microsoft Teams

zoom Certified

works with Google Meet *

works with Google Voice *

*Certifications pending

Touchscreen Charge Case

Voyager Free 60+ UC

Color Touchscreen
Control and configure your earbuds direct from the charge case

All Day Talk Time
Extra 2x charge for earbuds

Fast Charging
15 min charge provides an extra 1 hour of talk time

Device Control
Easily switch between connected devices

Analogue Audio Input
Connect to external audio sources via 3.5mm

Introducing the Voyager Surround 80 and 85 UC

Get in the Zone

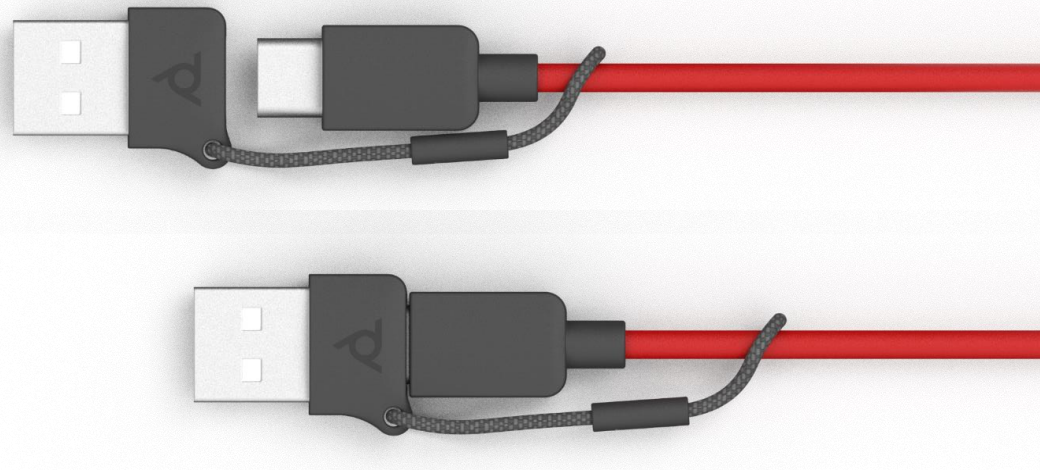
- Immerse yourself with rich, clear audio for calls and music
- Stay focused and keep out the distractions of the outside world with adaptive ANC and over-ear design
- First boomless headsets to meet Microsoft Teams Open Office Certification. Have confidence you will sound your best in noisy environments.
- Keep headset charged and to hand with wireless charging and included charge stand **(Voyager Surround 85 UC only)**

Poly Blackwire Family: Simplified

USB-A and USB-C with a single SKU: easier than ever for customers to choose, use & support Poly Blackwire headsets

New approach :

A single SKU that supports both USB-A and USB-C
for each Blackwire model



Simplicity and Flexibility :

- **Simple**: customers can support USB-A and USB-C while managing a single SKU
- **Flexible:** Users have freedom over USB port usage
- **Competitive:** tethered adapter is discrete, convenient

Poly Meeting Room Solutions

USB Video Bars	All-in-one Video Bars	Modular Solution	PC-based Solutions
Poly Studio R30, Poly Studio, Poly Studio V52	**Poly Studio X family**	**Poly G7500**	**Studio Base Kit G9 Plus for Teams Rooms, Base Kit for Zoom Rooms**
USB video and audio solutions for PC-based solutions and BYOD rooms.	Meeting rooms needing an all-in-one video solution – no PC or Mac required.	Customized collaboration spaces.	Rooms of all sizes running Microsoft Teams or Zoom.
zoom Certified Certified for Microsoft Teams works with Google Meet works with chromebook	zoom Certified Certified for Microsoft Teams works with Google Meet	zoom Certified Certified for Microsoft Teams	zoom Certified Certified for Microsoft Teams

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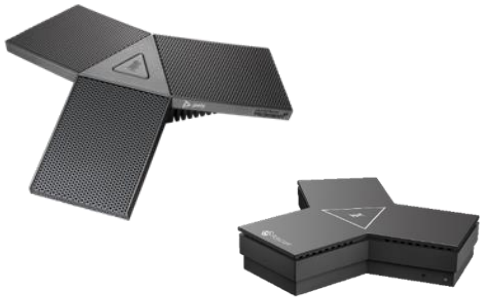
Poly Meeting Room Accessories



Cameras	Touch Controllers	Microphones	Speakerphones
Poly Studio E70, Poly Studio E60, Poly Studio E360	**Poly TC8, Poly TC10**	**Studio table microphone, IP tabletop microphone**	**Poly Sync 40, Sync 60, Trio C60**
Intelligent 4K cameras for smarter hybrid meetings.	Intuitive touch display provides easy access to Poly video conferencing solutions.	Increase the audio coverage in conference rooms with expansion microphones.	USB/Bluetooth® Smart Speakerphone
zoom Certified; Certified for Microsoft Teams	zoom Certified; Certified for Microsoft Teams		

*Certifications pending on select devices

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USB video bars

Essential USB Video Bars

Low-cost alternative for BYOD workflows.

- Excellent audio and video, including AI enhancements, built into one device
- Setup in a flash with plug and play connectivity over USB
- Priced accessibly, enabling meeting equity for companies of all sizes.

Premium USB Video Bar

Premium video and audio experience for PC-based rooms

- Premium video and audio experience that allows you to go further into the room
- Latest generation AI enhancements like Poly DirectorAI perimeter.
- Versatile and flexible deployment options with compatible accessories and USB connectivity

Poly Studio R30 Plus

All what you need for your BYOD meeting room

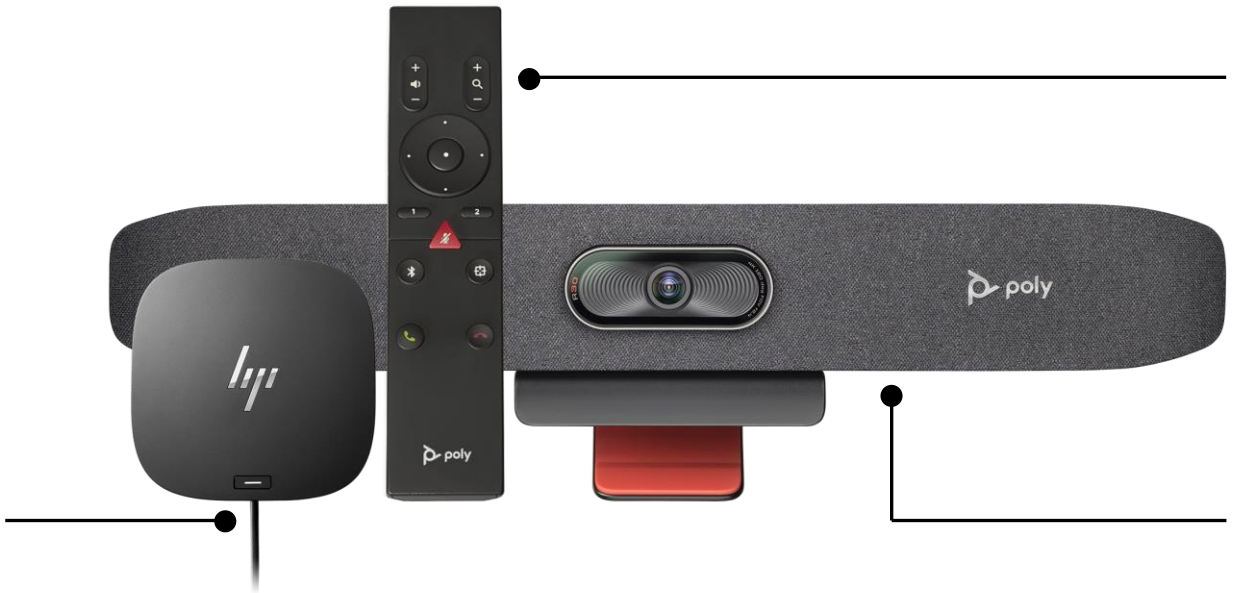
Transform your collaboration with advanced video and superb audio that are simple for anyone on your team to use. The result is meetings that start on time, increase inclusivity, and improve communication and productivity.

Smooth meetings

The Poly Studio R30 Plus solution includes a dynamic video bar, easy-connect dock, and remote control to simplify meetings. Anyone can connect their compatible laptop to the video system which makes it easy for everyone in the room to participate.

Reduce wasted time

Eliminate technology headaches with one USB-C® cable that easily connects a laptop to the in-room devices and powers your computer. Keep things moving with a remote that lets anyone easily control mute and volume and adjust the camera.



Shared control

Take the pressure off the person at the computer with the Poly Studio Bluetooth® remote that lets anyone in the room control camera zoom and framing, volume, mute/unmute, and answer/hang up.

Boardroom quality conferencing

Bring stunning video quality and audio excellence to meetings in your smaller rooms . Intelligent camera framing, a wide 120-degree field of view, exceptional voice clarity, and smart noise reduction make collaboration productive.

Poly Studio X52

All-in-one video bar that simplifies and optimizes video conferencing in mid-sized meeting spaces.

- Sharp 4K, 20MP camera with 95-degree horizontal field of view
- Dynamic video experience with Poly DirectorAI smart camera technology
- Legendary audio with best-in-class noise cancelling technologies
- Zoom, Teams, and Google Meet certified by product availability
- Simple to install, use, and manage
- Modular room experience

Poly TC10

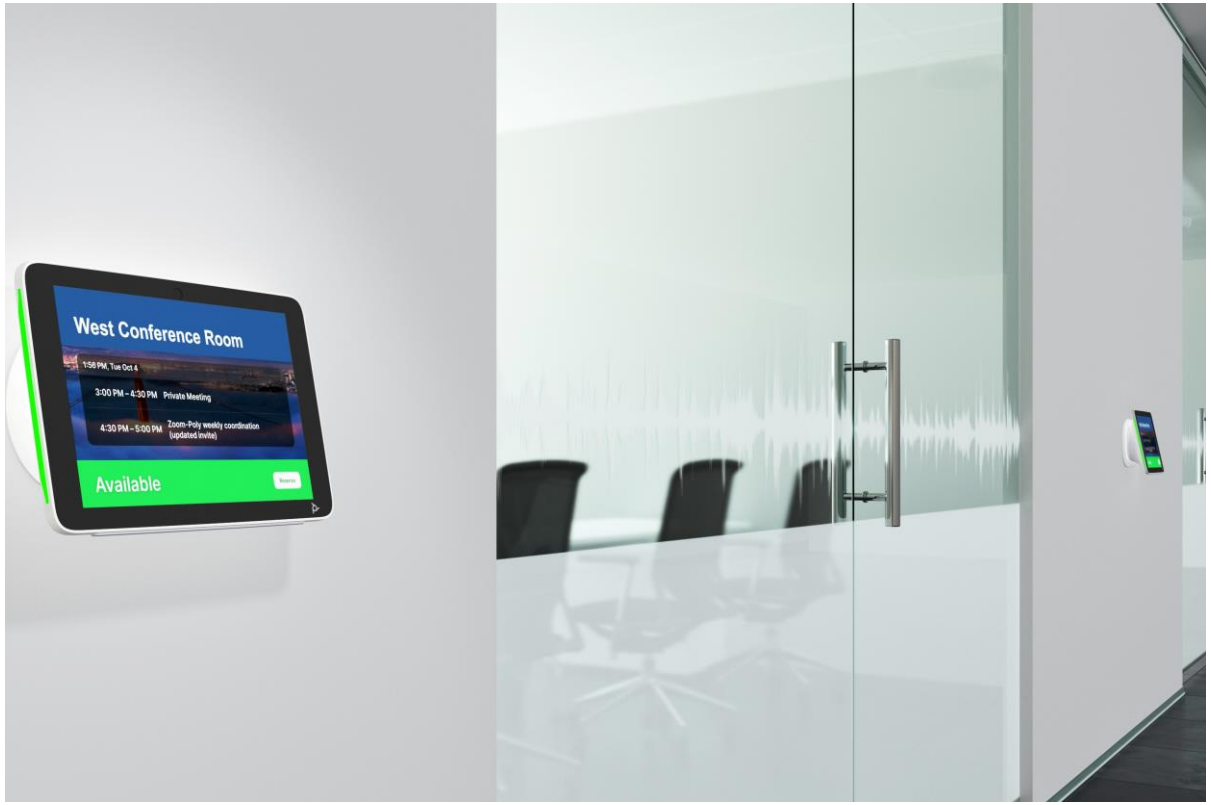
Watch productivity soar with this in- or out-of-room touch display

Two-in-one: set it outside the room for scheduling, or inside the room as a controller.

Large display: Intuitive, high-resolution 10-inch touch display for greater visibility.

Clean installation: simple design and flexible set-up options for wall and tabletop surfaces.

User friendly: multi-colored LED lights, quick access to control dock and Extron integration.



HP Meeting Room Touch Controllers

Poly TC8

8" high-resolution touch display for easy access to meetings

- Integrated calendar for one touch to join a call
- Intuitive design ensures that controls are clear and accessible
- Easily share content, adjust the camera, and change participant layouts
- Compatible with Poly Studio X family and Poly G7500
- Available in black and white

Poly TC10

10" high-resolution touch display for greater visibility

- Set outside the room for scheduling or inside as a controller
- Simple design and flexible set-up options for wall and tabletop surfaces
- Multi-colored LED lights with quick access to control dock
- Compatible with Poly Studio X family and Poly G7500
- Available in black and white

Poly Studio V52

Premium USB video bar that provides the same video/audio features as Studio X52 in mid-sized meeting spaces.

- Sharp 4K, 20MP camera with 95-degree horizontal field of view
- Dynamic video experience with latest generation Poly DirectorAI smart camera technology
- Legendary audio with best-in-class noise cancelling technologies
- Robust and flexible management over Wi-Fi or Ethernet with Poly Lens
- Zoom, Teams, Google Meet certifications for USB expected post launch

Poly Studio E60

Best-in-class smart MPTZ camera for large spaces.

- Expands reach and coverage in large rooms with a 12x optical zoom.
- 4K UHD 8MP camera renders stunningly detailed and sharp images.
- Dynamic video experience with presenter tracking and group framing via Poly DirectorAI.
- Simple configuration with Poly modular systems and PC-based solutions.
- Flexible deployment – mount on wall, ceiling or on top of display and option for inverted mounting with automatic image flip.*
- Zoom and Tencent certified and Microsoft Teams certification pending.

*Ceiling and display mount sold as separate accessories.

Poly Studio E360

Smart center-of-table companion camera

Pre-announcing March 2024
GA late 2024

The Poly Studio E360 works with a Poly front-of-room camera to automatically deliver the best face forward view of meeting participants.

- 4 8MP cameras deliver a 360° view with 4K ultra-HD image quality and minimal distortion.
- Front and center perspective captures everyone at the table from their best angle.
- Smart switching powered by Poly DirectorAI adapts effortlessly to deliver face-to-face collaboration.
- 4 built-in microphones positioned closer to the participant, extend audio pick up throughout the room.
- Simple configuration with next generation Poly room solutions.
- IP connectivity enables fast deployment and scalability.
- Integrated privacy shutter for added security.

Flexible configuration

Poly Lens
Centralized management to support hybrid work across all spaces

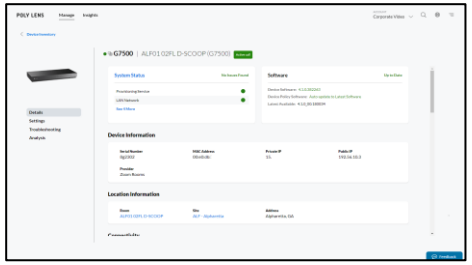
Find and correct issues remotely and insights to continually improve

Poly Lens Admin Cloud

Better management, insights, and decisions

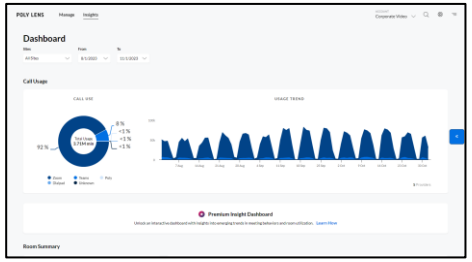
Centralized Management

Centralized management of your Poly device estate with simple onboarding, inventory, provisioning, software update, and monitoring all within a single pane of glass.



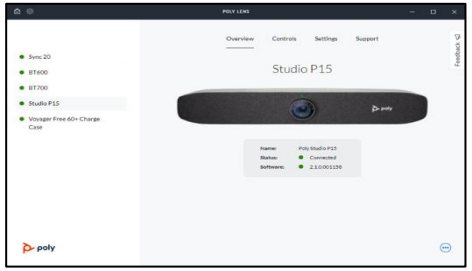
Actionable Insights

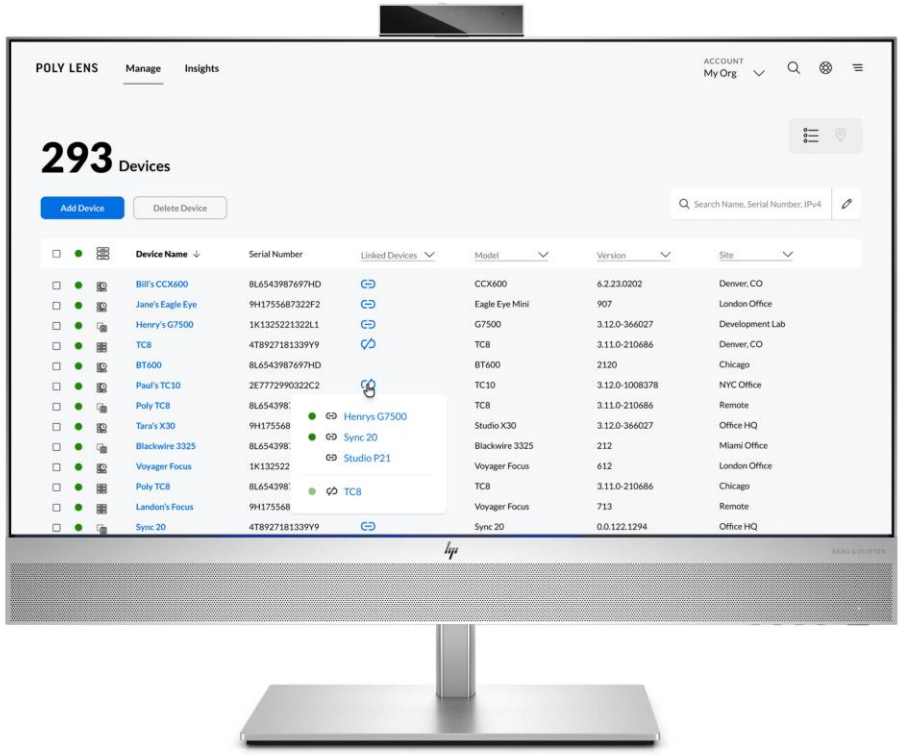
Greater visibility into the performance of your collaborative device investment. Understand adoption trends with a spotlight on how and when devices are being used.



Enhanced Experiences

Empower your users with a powerful app for customizing their personal device settings. With built-in software update alerts, wellbeing reminders, tips, focus audio, and help users will enjoy a better workday no matter where they work.





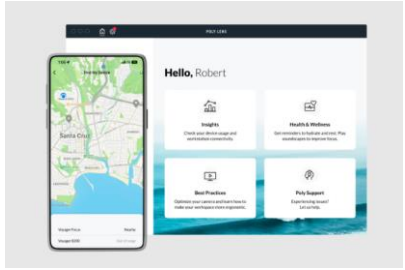
Recommended for: ITDM's needing to manage their entire collaborative device deployment.

Poly Lens Apps

Better management, insights, and decisions

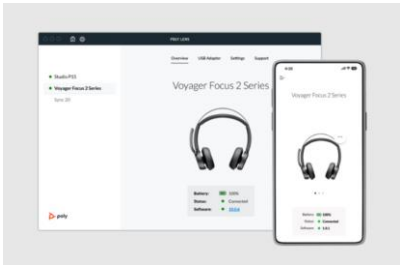
Customized Device Settings

Customize your personal Poly devices – all with a simple, yet powerful mobile app. Set audio settings for each device based on your workstyle.



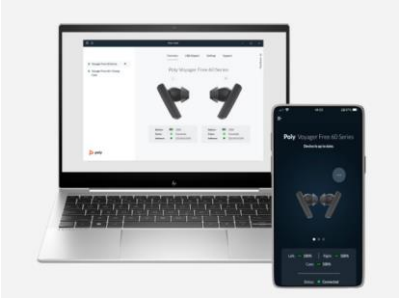
Built-in Device Notifications

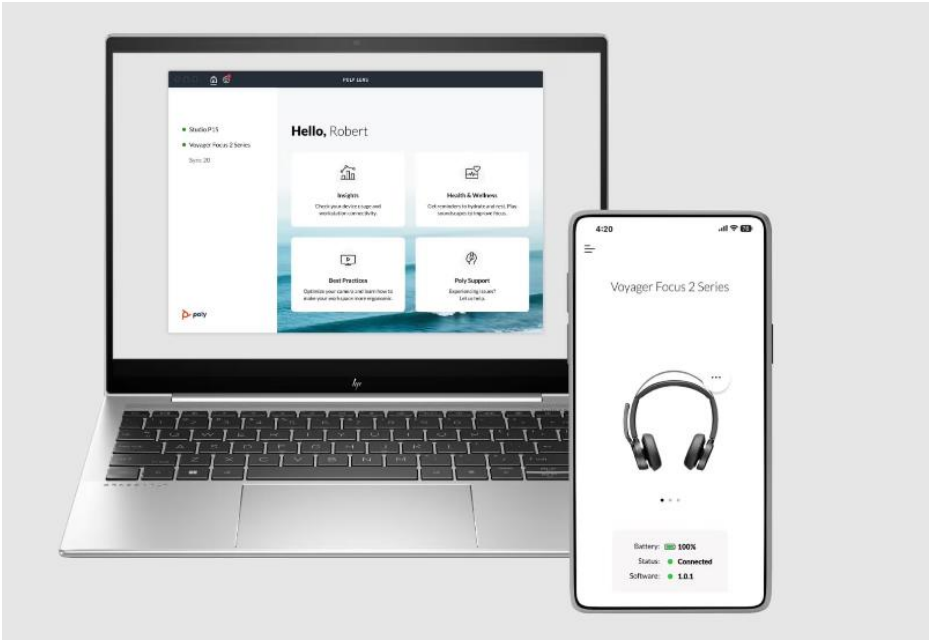
Use Find My Device to keep track of your favorite Poly headset or personal USB speakerphone. Ensure you always know your connection status, when its time to recharge, or out of range just for starters.



Software Updates

Easily keep your personal devices and software up-to-date. Built-in notices let you know when an update is available and ready for install.





Recommended for: All end user personas

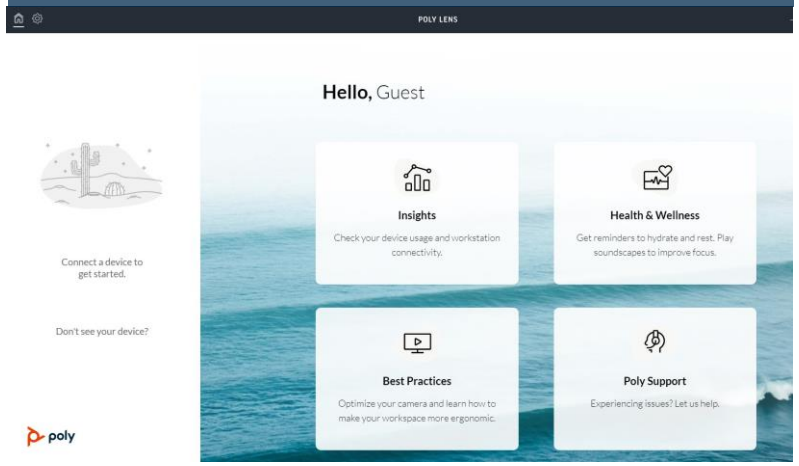
Enhanced by Poly Studio

Leveraging Poly's audio and video expertise, devices **enhanced with Poly Studio,** will deliver experiences that transform the way people collaborate, connect, and create.

- **Audio Tuning** for remarkable voice clarity and sound
- Across **both commercial and consumer** notebooks, laptops, and monitors
- **Coming Soon: additional Better Together collaboration experiences** fueled by Poly Studio

Bluetooth Direct - Making Hybrid Work Easier

Poly Lens Desktop preinstalled



HP and Poly together provide better experiences

Poly Lens software pre-installed on HP Commercial PCs

HP Unique Pairing

Poly Lens Desktop pre-installed on HP Laptops

One-click pairing experience with clear visuals of headset model

Exclusive Partnerships

HP Unique Pairing

Poly offers the world's first Bluetooth® headsets that deliver call control with Zoom without a dongle

Google and HP - Project Starline

- HP is proud to partner with Google to bring this technology to market
- In development since 2021
- Live 3D model
- Enabled by AI
- No additional glasses or headsets needed
- More natural conversations
- Available in 2025

Google × hp

hp | poly

End-to-end solutions

for every workstyle

and everywhere work.

THANK YOU

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poly