



Meetings and Meeting Rooms Workshop

Rooms and Devices Overview

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VP & GM, Digital Business
February 16, 2021



The changing modern workforce

The workplace is more team based and mobile than ever

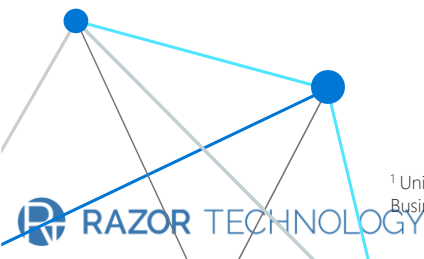
80% of employee time is spent collaborating¹

2x as many teams as 5 years ago²

72% of employees will be working remotely by 2020³

56% of meetings have at least one remote attendee⁴

15% of meeting rooms are equipped for video, even as video becomes the norm⁵



¹ University of Virginia. ² US IW Survey, 2014. ³ BusinessWire, June 2015. ⁴ Microsoft Business Meetings Habits Practices Study, February 2018. ⁵ CSS Insight, August 2016

Microsoft Teams Devices

Work how you want, where you want



Access intelligent communications

Smarter and faster ways to connect and collaborate with your devices



Purpose-built

Devices optimized for your spaces and work styles



Work with confidence

Certified devices, with high quality video and audio, enterprise-grade security, and easy set up and management



Teamwork across spaces and devices

United by Microsoft Teams

Individual workspaces

Individual office or dedicated workspace
On the go or in transit
At home

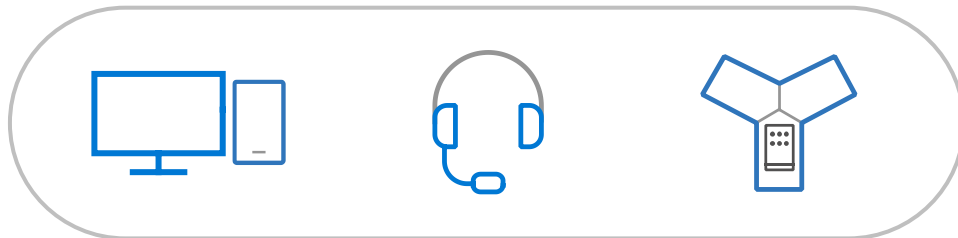


Shared workspaces

Small, medium and large meeting rooms
Huddle/Focus spaces and touchdown spaces
Collaboration workspaces



Personal devices

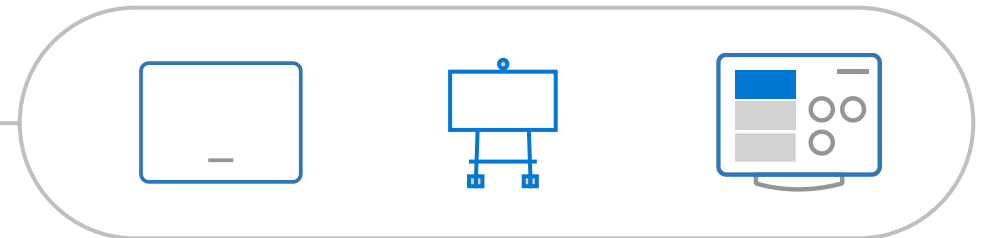


PCs and
Mobile

Audio & Video
Peripherals

IP Phones

Shared devices



Large Screen
Displays

All-in-one
Collaboration
Devices

Room
Systems

Microsoft Teams devices for every space and working style

Teamwork across spaces and devices

Familiar

simple transitions and consistent experiences between all device types

Inclusive

intelligent devices give everyone a voice, wherever they may be

Quality

high quality audio, video and sharing experiences on any device, in any space

Ready

reliable, manageable and up-to-date systems ensure meetings just work

Personal devices



PCs and Mobile



Audio & Video Peripherals



IP Phones



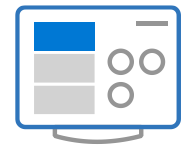
Shared devices



Collaboration Bars



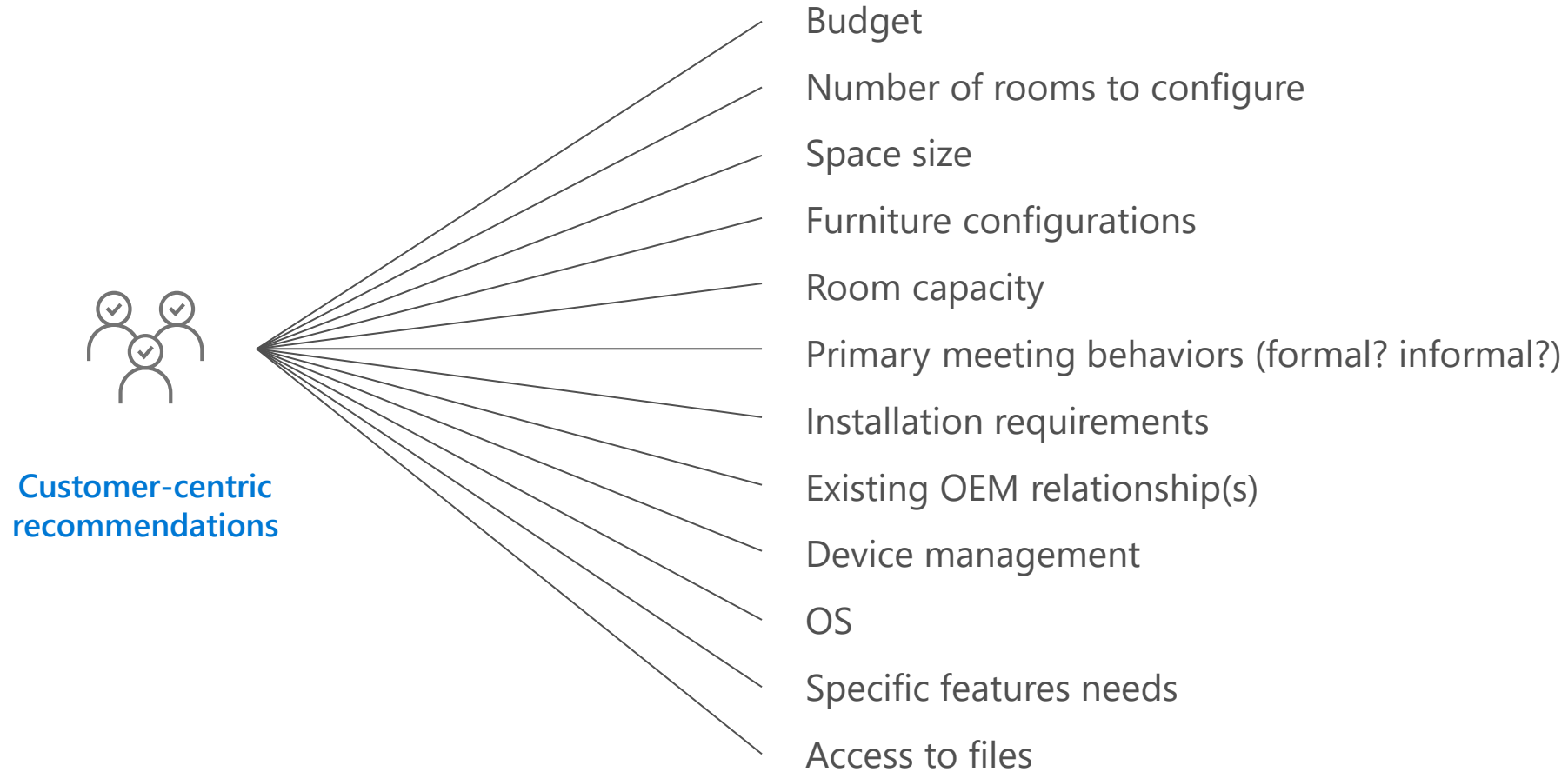
Surface Hub



Teams Rooms

Selecting the right device for your shared spaces

Examples of variables to discuss and consider



Microsoft Teams Shared Devices



Microsoft Teams Rooms

Purpose-built calling and meeting solution delivering a native Microsoft Teams experience with HD audio and video, on Teams certified 3rd party hardware

Consistent, intuitive and inclusive meeting experiences including one-touch join, wireless content sharing and intelligent content capture

Offers the most comprehensive set of Microsoft Teams calling and meeting features

Pairs with certified A/V peripherals enabling customizable configurations that scale to any room size

Ability to join SfB, Cisco and Zoom meetings through Direct Guest Join

Deploy, manage and secure your rooms in a simple and scalable way with the Teams Admin Center



Collaboration bar for Microsoft Teams

Purpose-built calling and meeting solution delivering a native Microsoft Teams experience, with HD audio and video, on Teams certified 3rd party hardware

Consistent, intuitive and inclusive meeting experiences including one-touch join, wireless content sharing

Designed for smaller rooms, the collaboration bar offers a subset of Microsoft Teams calling and meeting features

Optimized for touch

Integrated solution that can be deployed within minutes, reducing installation costs and simplifying device management and troubleshooting

Deploy, manage and secure your rooms in a simple and scalable way with the Teams Admin Center



Microsoft Surface Hub 2S

All-In-One meeting and co-creation solution delivering a native Microsoft Teams experience, with HD audio and video, on Teams certified 1st party hardware.

Just like Teams Rooms and collaboration bar, Surface Hub delivers consistent, intuitive and inclusive meeting and creative experiences

Surface Hub is certified for Focus rooms, huddle rooms, and small meeting rooms and delivers the core calling and meeting features available through Teams

Surface Hub is optimized for touch and pen experiences so you can drive the meetings and co-creation sessions from the front of the room

Robust manageability features are delivered through Microsoft's enterprise-ready Intune manageability solution.

Collaboration bars for Microsoft Teams

aka.ms/teamsdevices

Primary focus	Microsoft Teams meetings with advanced audio and video, presentation and content sharing
Configuration	Integrated ¹ (on-screen touch controls, center of room touch panel or remote control)
Displays	Full range of screen sizes, single displays, touch option
Price	Starting at US \$1,299
OS	Android
Teams App	Microsoft Teams Experience for collaboration bar

¹ Yealink VC210 relies on a separate CP900 speakerphone for speakers and microphones



*GA Q2, CY2020



Yealink

Microsoft Teams Rooms

aka.ms/teamsdevices

Primary focus Microsoft Teams meetings with advanced audio and video, presentation and content sharing

Configuration Modular (center of room touch panel control, audio/video peripherals)

Displays Full range of screen sizes, single or dual displays, touch option

Price Starting at US \$1,785

OS Windows 10 Enterprise

Teams App Microsoft Teams Experience for Microsoft Teams Room



CRESTRON



hp



logitech



Lenovo



Yealink



Surface Hub

aka.ms/teamsdevices

Primary focus

Agile teamworking, co-create with Whiteboard, access to Office 365 content, 3rd party applications, and Microsoft Teams meetings. Mobile, uninterrupted teamwork

Configuration

All-in-one

Displays

50-inch, 85-inch¹; 4K+ resolution pen/touch screen

Price

US ERP \$8,999.99²

OS

Windows 10 Team

Teams App

Microsoft Teams for Surface Hub App















¹ Coming Soon

² MSRP for 85-inch Surface Hub not yet announced; Stand not included



Summary of configuration top recommendations

Top recommendation by space and key usage patterns (additional detailed permutations on later slides)

	Large Office	Focus Room	Huddle/Open Space	Small Conference Room	Medium Conference Room	Large Conference Room
	1 + 3-4 people	3 to 5 people	3 to 5 people	5 to 7 people	11 people	18 people
	Within 2.3-meter radius	3 meters by 3 meters	Within 2.3-meter radius	3 meters by 4.5 meters	4.5 meters by 6 meters	4.5 meters by 8.5 meters
Meet and Present	 Microsoft Teams collaboration bar	 Microsoft Teams collaboration bar	 Surface Hub 2S	 Microsoft Teams Room	 Microsoft Teams Room	 Microsoft Teams Room
Meet and Co-Create	 Surface Hub 2S Windows Pro/Enterprise*	 Surface Hub 2S 50"	 Surface Hub 2S	 Surface Hub 2S 85"* with A/V accessories	 Microsoft Teams Room + Coordinated Join* +  Surface Hub 2S	 Microsoft Teams Room + Coordinated Join* +  Surface Hub 2S

*Device/configuration not yet available; Surface Hub 2S 85" available by year-end CY 2020 (Preview with select customers in Q1 CY 2020).

Coordinated Join available during CY 2020

Microsoft Certified Devices



Tested for highest quality audio & video
Supported by Microsoft and our partners
Millions of devices shipping each year
All work with Microsoft Teams



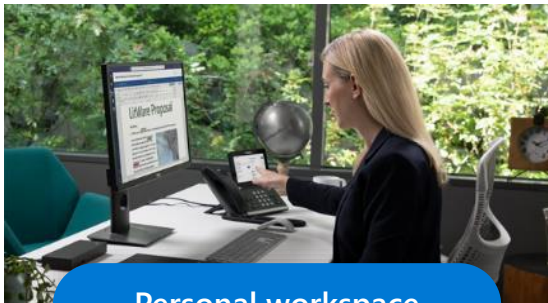
Closer integration with Microsoft Teams
Integrated Teams notifications
Optimized for voice skills in Microsoft Teams

The screenshot shows the Microsoft website's "Microsoft Teams Devices" page. At the top, the Microsoft logo is on the left, and "Sign in" is on the right. Navigation links include "Office", "Microsoft Teams", "Plans & pricing", "Features", and "Contact sales". A "Buy Office 365" button is also visible. Below the navigation, there are tabs for "Microsoft Teams Devices" and "Shop by Device". The main visual is a photograph of four people in a modern office setting; a woman in the foreground is wearing a headset and working on a laptop. Below the image, the heading reads "Microsoft Teams devices for intelligent communications", followed by the subtext "Be seen and heard wherever work takes you. Teams devices offer smarter ways to connect and work together in the ever-changing workplace." A blue "SHOP DEVICES" button is centered at the bottom of the page.

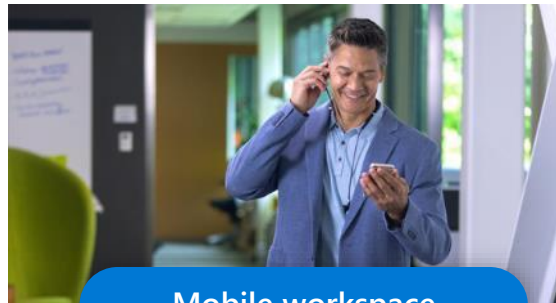
aka.ms/teamsdevices

Microsoft Teams devices provide choice and versatility to meet the needs of every modern professional

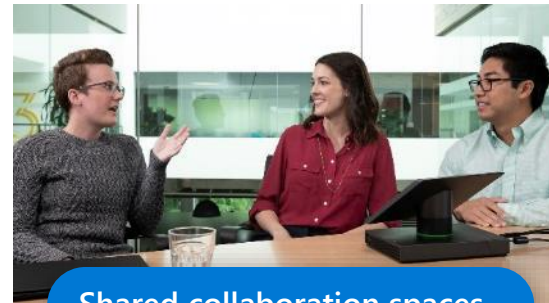
Spaces



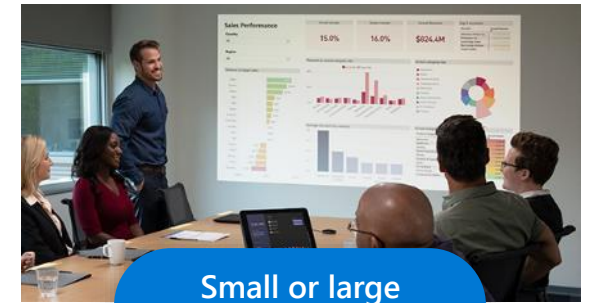
Personal workspace



Mobile workspace

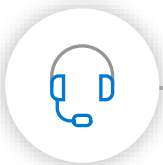


Shared collaboration spaces



Small or large conference rooms

Personal devices



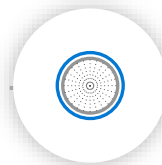
Headset



Desk phone



Mobile phone station

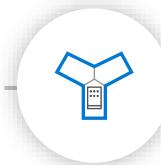


Speaker puck

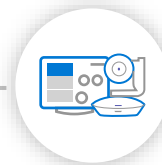


Mobile phone

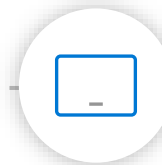
Shared devices



Conference Room Phone



Microsoft Teams Rooms



Interactive whiteboard

The foundations

Windows 10

Microsoft Teams

Microsoft Graph

Microsoft AI

Cortana

Introducing Microsoft Teams Rooms



Bring the Microsoft Teams experience to every meeting



Transform your meeting rooms with Teams



Make any space a Teams meeting place



Easy to deploy, simple to manage



Connect with hardware and software



Transform your meeting rooms with Teams



Teams
feature set



One-touch
join



Make a
phone call



Share with
remote
participants



Center of
room control



Make any space a Microsoft Teams meeting place



Anyone, anywhere,
any device



Dedicated Teams
Meeting app



Scales to all
room sizes



Add an HD audio/video
experience to your
meeting rooms



Easy to deploy, simple to manage



**Windows
10 device**



**Universal app, managed
through existing tools**



**Low
training effort**



Microsoft Teams Rooms hardware and software



A center of room touch controller lets you manage a Microsoft Teams meeting end to end



On the familiar Microsoft Teams app, built for Windows 10



Connects with displays and projectors, cameras and speakers



Add an HD audio/video experience to your meeting rooms

Intelligent communications and collaboration with Microsoft Teams

Using AI, machine learning, and the power of Microsoft Graph, intelligent communications will bring new features and experiences before, during, and after every meeting and call.

Microsoft Teams Rooms features:

Proximity beaconing

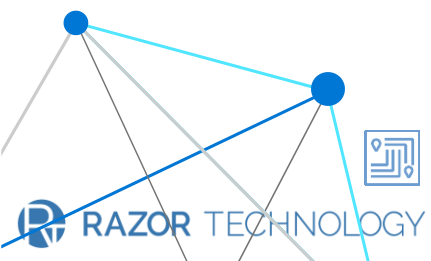
Cortana in meetings

Companion experiences

Microsoft Whiteboard

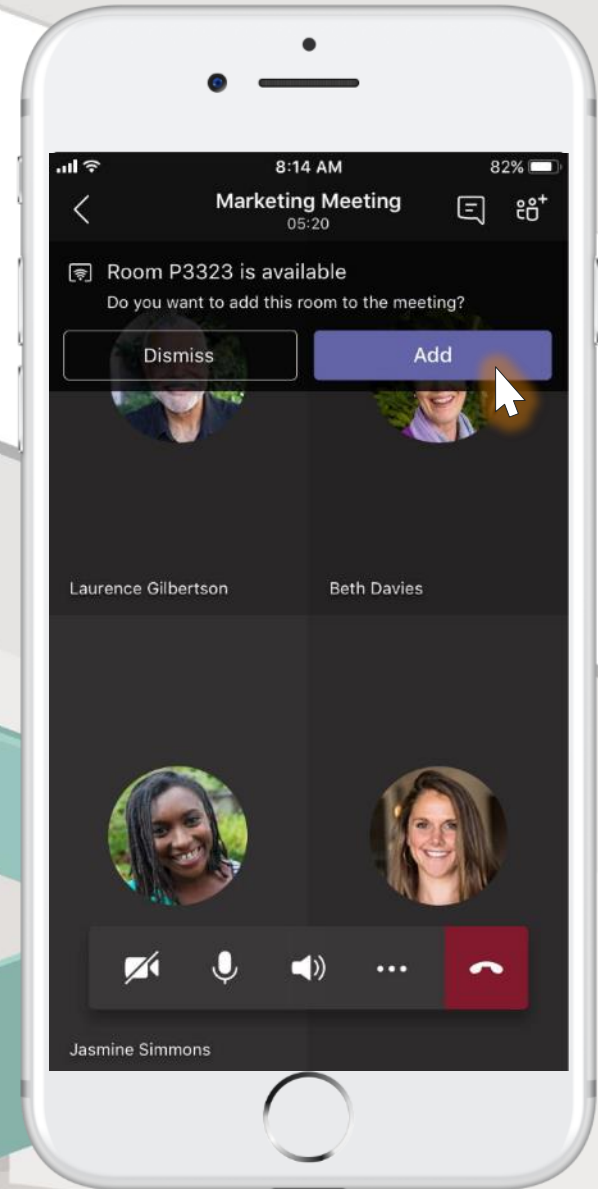
Touch/ink displays

Content cameras and Intelligent Capture



Upcoming Microsoft Teams Rooms features

Proximity based meeting join



Nearby rooms

Proximity meeting join

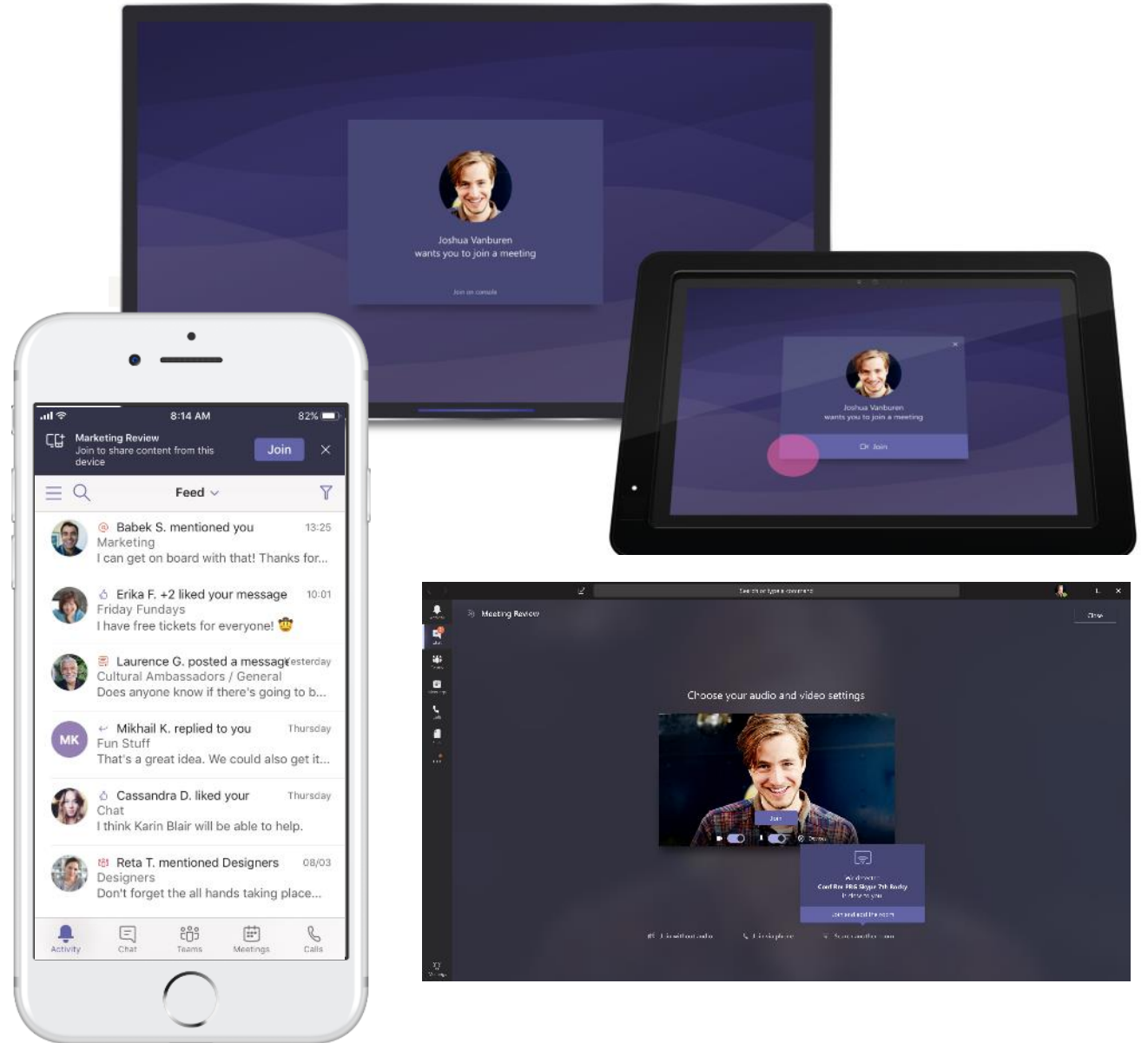


Proximity beaconing

When a Teams app on a PC or mobile device is close to an available Microsoft Teams Rooms, the proximity sensor in the Teams app detects the Microsoft Teams Rooms in the meeting room, and can add Microsoft Teams Rooms to the meeting as a participant.

Inside the meeting room, the FOR and console will show that you are trying to add the room, and a user will have to accept the incoming invitation on the console to bring the room system into the meeting.

The PC or mobile app will automatically go into content-only mode allowing the room to provide audio & video into the meeting without echo and feedback generated by the other clients in the room.



Companion experiences

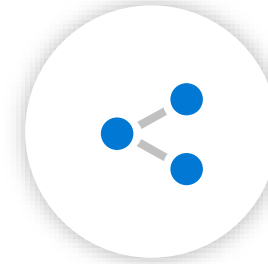
Connect personal and meeting-room devices to share content and control the meeting



Check in and join in
content-only mode



Share live videos, photos,
or the screen from your
mobile device



Maintain a consistent
experience in Teams
across devices

Microsoft Teams Rooms with touch/ink

Add a touch/ink display to any Microsoft Teams Room to enable multi-user, shared whiteboarding in any Teams meeting, across all Teams devices.

Good things come in pairs

Microsoft
Teams Rooms



Touch Display

Communication

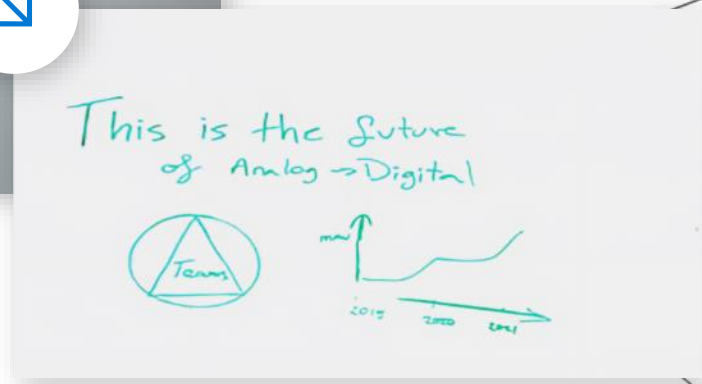
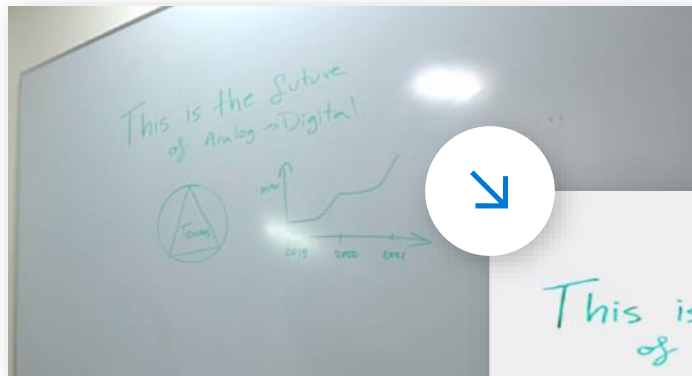


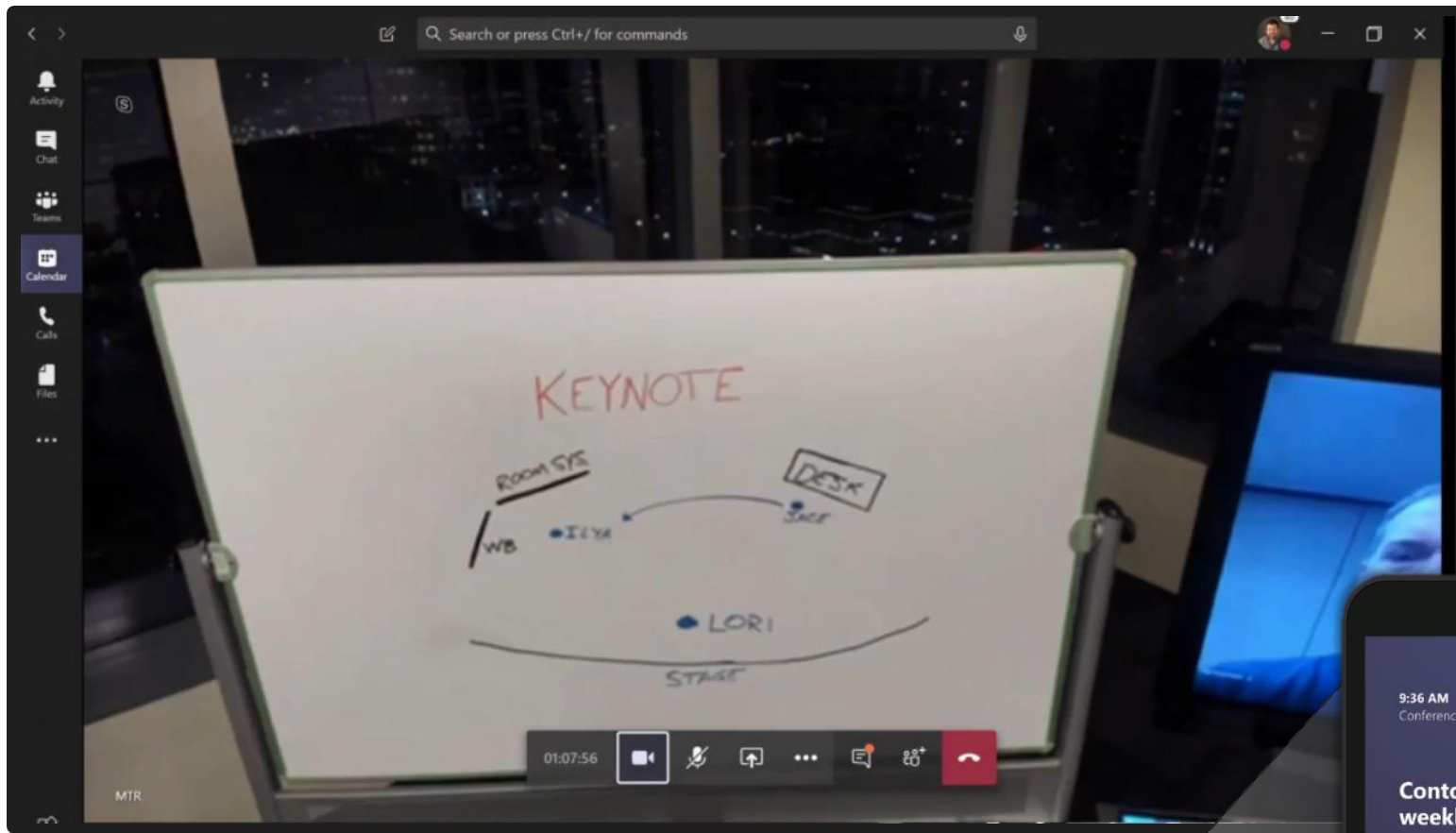
Collaboration



Content cameras and intelligent capture

Add a content camera to any Microsoft Teams Room to share an intelligent, augmented whiteboard view into Teams meetings.

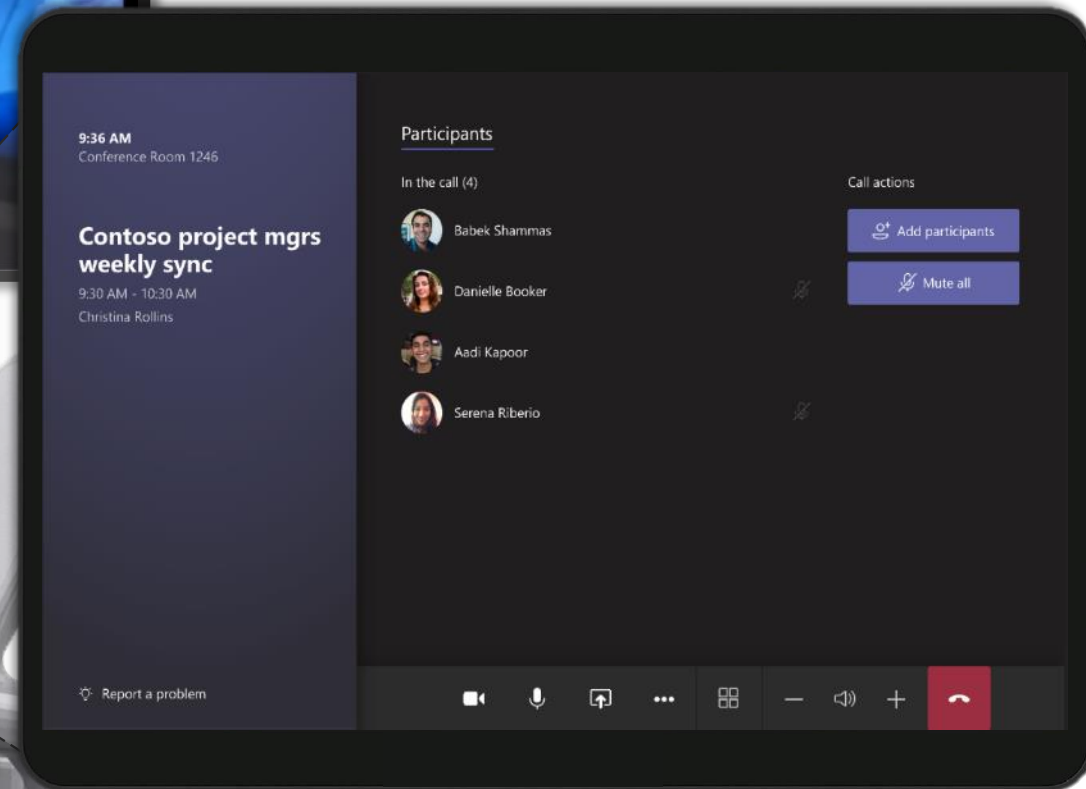




Content Capture

AKA "Magic Whiteboard"

Teams AI can straighten, clean and identify content on your whiteboard drawings



Cameras that Support Content Capture



**Logitech
Brio 4K Webcam**



**Logitech
C930e**

Device management



Ecosystem focused

smarter management for device ecosystems



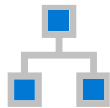
Consistent

unified experience across all device types



Insightful

data driven insights and troubleshooting



Complete

parity+ with existing management portals



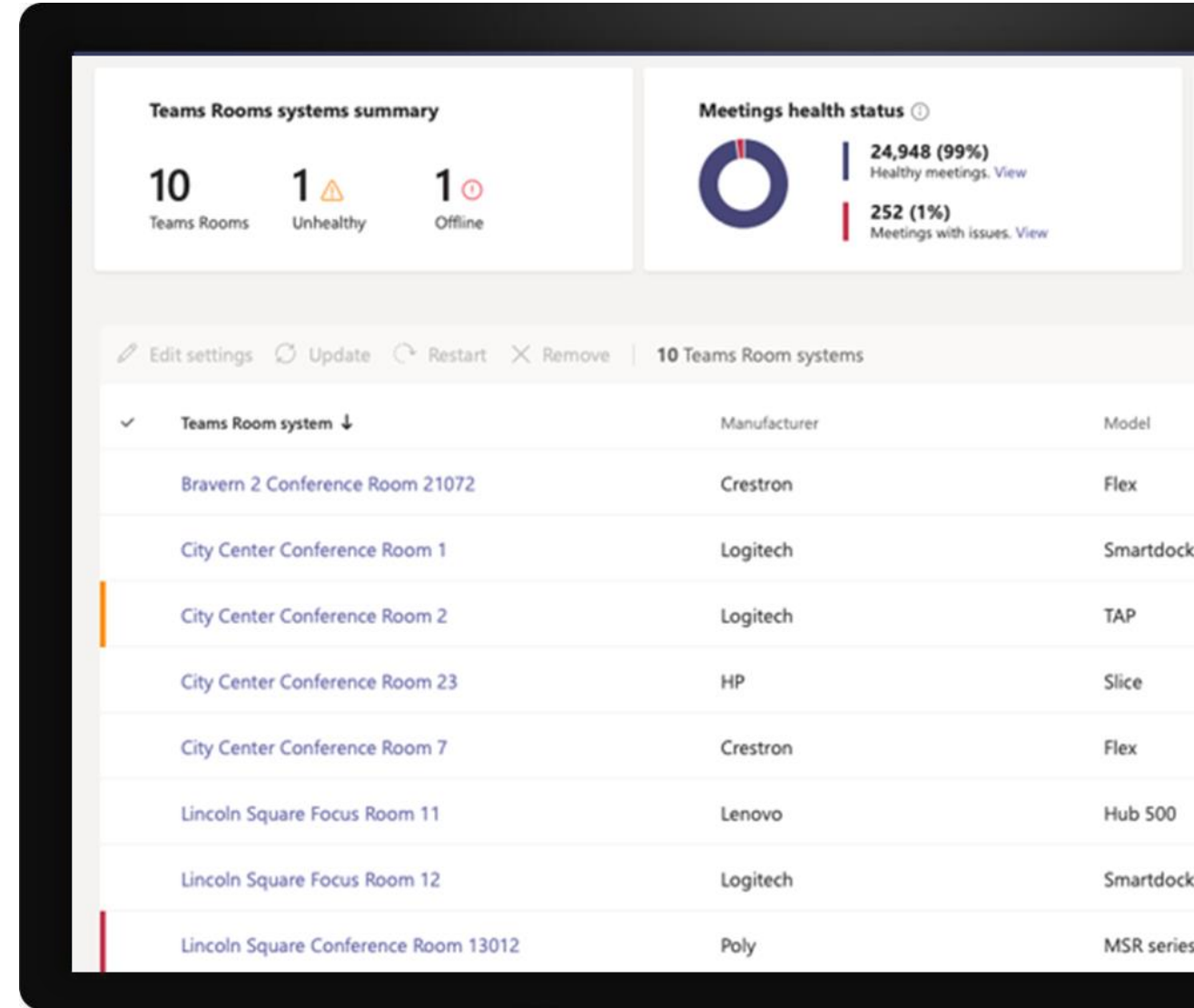
Policies & compliance

support for CA policies and compliance policies

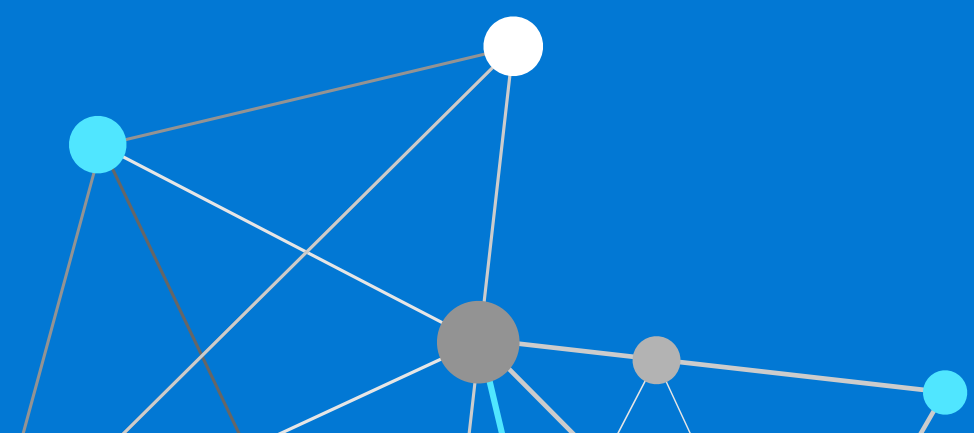
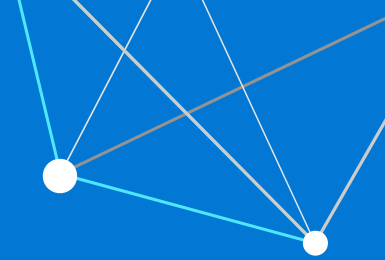


Low friction

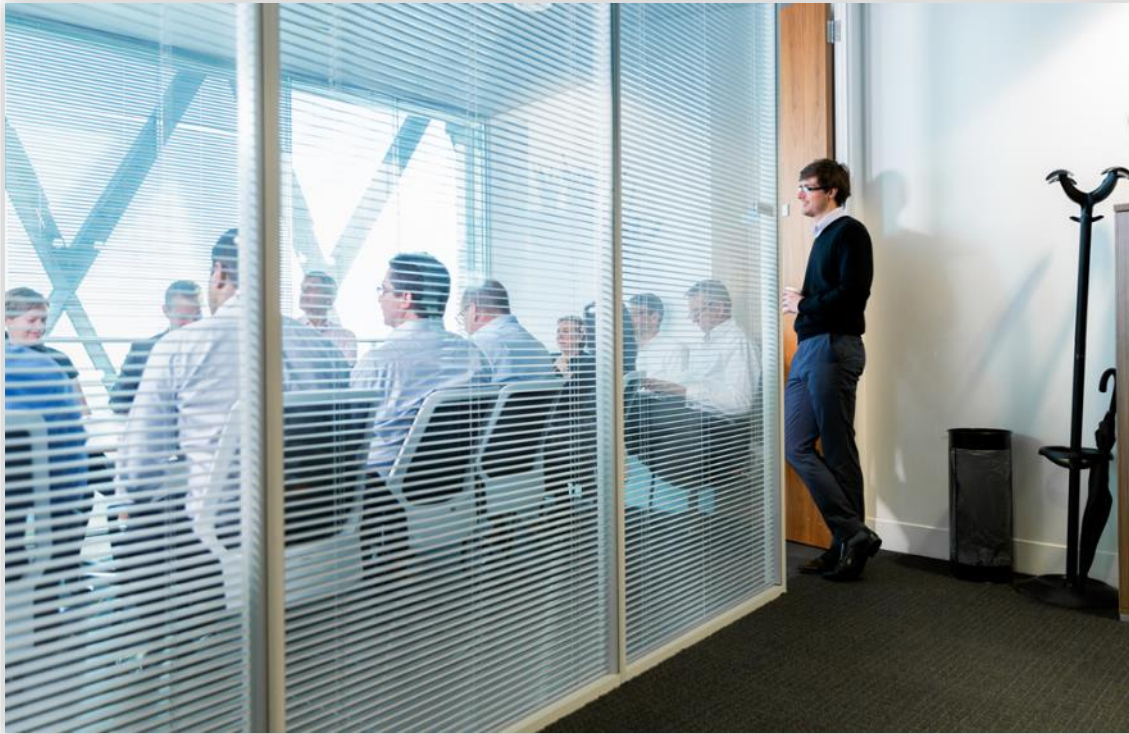
low friction for both SMB and Enterprise users



Spaces and Considerations



Not all rooms are created equal



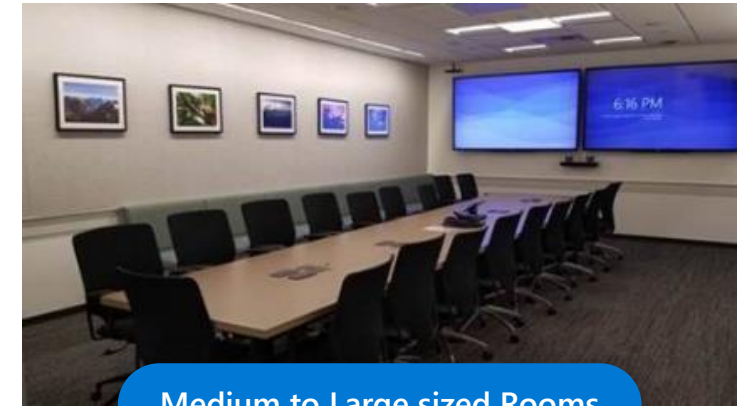
Explore Shared Spaces



Huddle to Small sized Rooms



Small to Medium sized Rooms



Medium to Large sized Rooms

Considerations



Camera



Mic Array



Camera Field of View



Cable Management



Acoustics



Lighting

Explore Shared Spaces



XXL (MPR)



Exec Rooms

Considerations



Camera



Mic Array



Camera Field
of View



Cable
Management

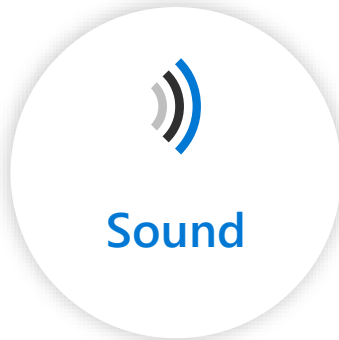


Acoustics

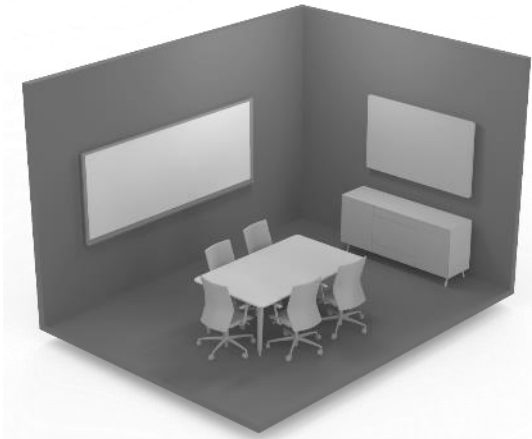


Lighting

Considerations when looking at a space for Teams Room

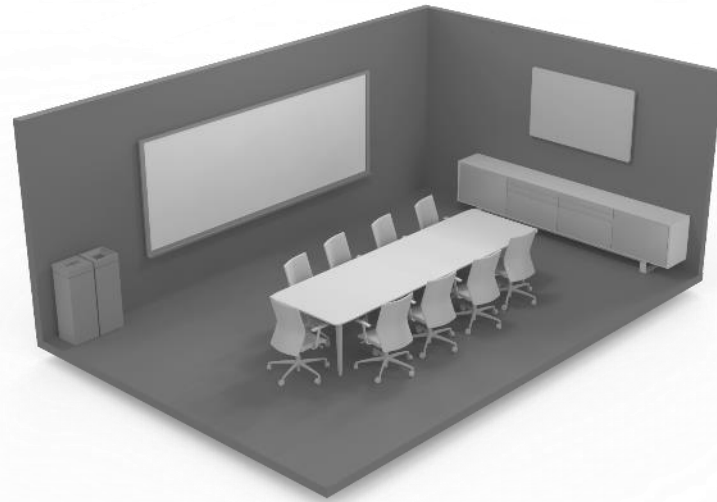


Microsoft Teams Rooms can cover all your rooms needs



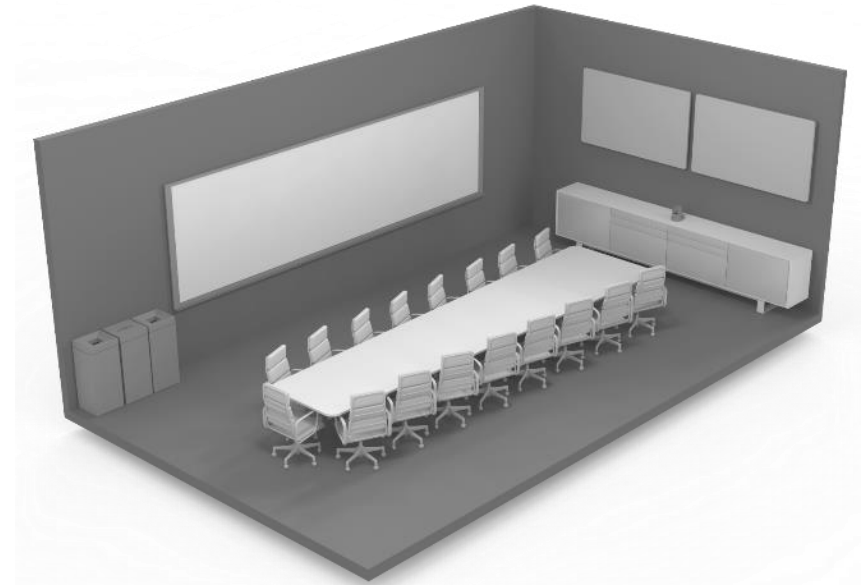
Small

3m*4.5m / 9.8*14.8 feet



Medium

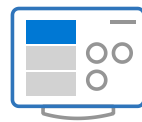
4.5m*6m / 14.8*19.7 feet



Large

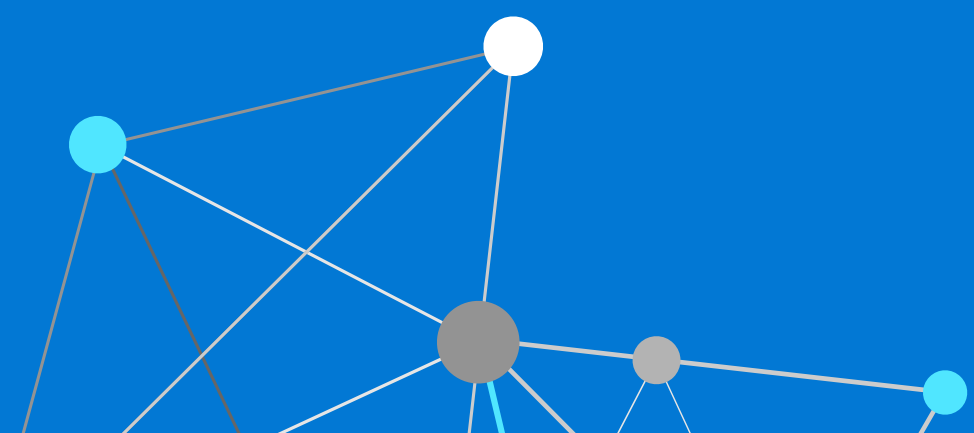
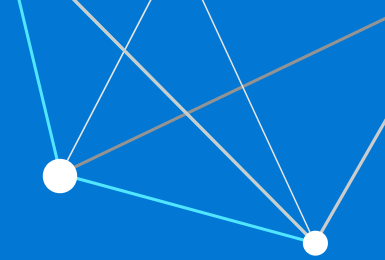
4.5m*8.5m / 14.8*27.9 feet

Audio
& Video



Microsoft Teams Rooms across all room sizes optimized for meetings

Space Configurations



Large Office



Dimensions
Within 2.3m
radius



People
1 + 3-4



Surface Hub 2S 50''*
Optimized For: Meet and Co-Create



Teams Collaboration Bar
Optimized for: Meet and Present

*Consider Windows 10 Pro or Enterprise configuration for more personal experience

Focus Room



Dimensions
3m X 3m



People
3-5



Microsoft
Teams Room

Teams Collaboration Bar

Optimized for: Meet and Present

Surface Hub 2S 50"

Optimized For: Meet and Co-Create

Open Collaboration Space



Dimensions
Open



People
3-5 close
collaboration



Surface Hub 2S 50" or 85"*
Optimized for: Meet, Present, and Co-create

*Available CY2020

Small Conference Room



Dimensions
3m X 4.5m



People
5-7



Microsoft Teams Room

(dual display)

Optimized For: Meet and Present



Surface Hub 2S 85"*

(with A/V accessories)

Optimized For: Meet and Co-Create



Microsoft
Teams Room
(single display)

*Available CY2020

Medium Conference Room



Dimensions
4.5m X 6m



People
~11



Microsoft Teams Room (single or dual display)
Surface Hub 2S side (50" or 85"*)

Optimized for: Meet, Present, and Co-create



Microsoft Teams Room
(single or dual display)



Surface Hub 2S 85**
(with A/V accessories)

*Available CY2020

Large Conference Room



Dimensions
4.5m X 8.5m



People
~18



Microsoft
Teams Room
(projector)
Surface Hub 2S 85"* side



Microsoft
Teams Room
(single or dual display)



Surface Hub 2S 85"*
(with A/V accessories)

Microsoft Teams Room (single or dual display)
Surface Hub 2S side (50" or 85"*)

Optimized for: Meet, Present, and Co-create

*Available CY2020

Extra Large Meeting Space



Dimensions
8.5m+



People
~18+



Extra Large Conference Room



Microsoft Teams Room (projector)
Surface Hub 2S 50"

Multi-purpose room



Microsoft Teams Room (projector)

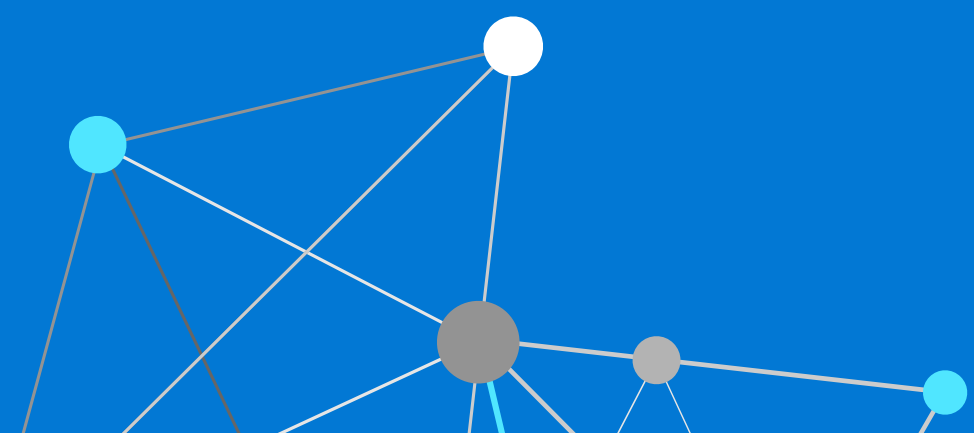
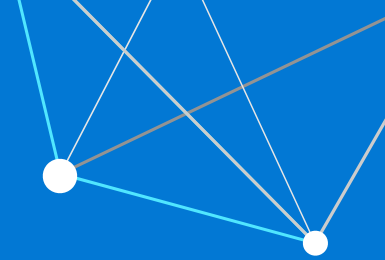
Auditorium

Microsoft Teams Room (projector)
Surface Hub 2S side (85"*)

Optimized for: Meet, Present, and Co-create

*Available CY2020

Teams Rooms Device – Form Factor and Components



Engineered to work with Microsoft Teams to enhance the meeting experience



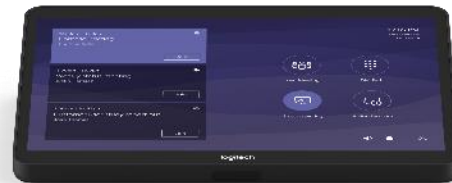
 **CRESTRON**



 **poly**



Lenovo



logitech



Yealink



Partnerships with leading device manufacturers

Cameras

 poly



Yealink



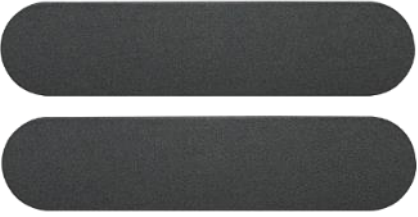
 **CRESTRON**
Huddly



logitech















Audio



Licensing Solutions for Shared Communication Devices

Microsoft has two SKUs for licensing meetings and calling on a per-device basis—one for meeting room devices (such as Microsoft Teams Rooms) and one for common area phones (such as lobby phones available for guest use)

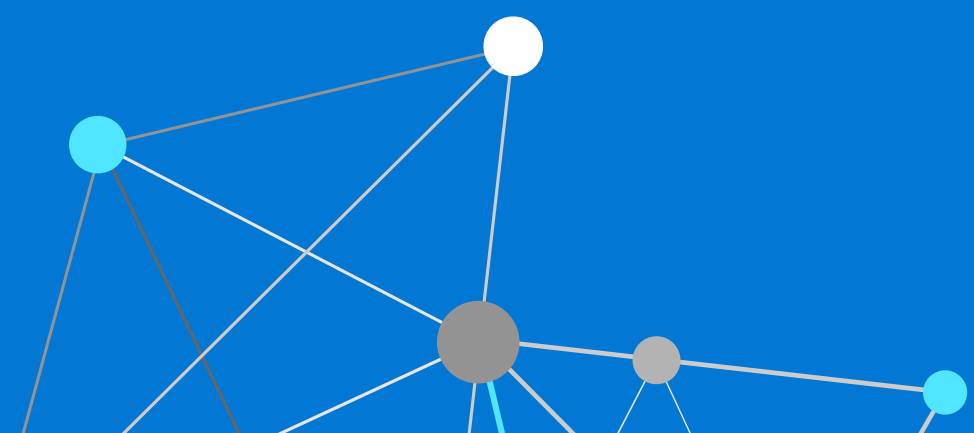
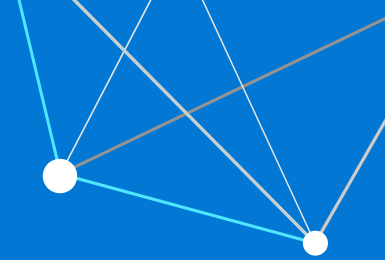
	Meeting Room \$15/device/month	Common Area Phone \$8/device/month
Skype for Business		
Microsoft Teams		
Phone System		
Audio Conferencing	 ¹	 ²
Microsoft Intune		
Worldwide availability	 ³	
Channel availability	EA, EAS, CSP, Web Direct	EA, EAS, CSP, GCC, EES, Web Direct

¹ Availability and included minutes may vary by region. To verify service availability, refer to <https://docs.microsoft.com/en-us/microsoftteams/country-and-region-availability-for-audio-conferencing-and-calling-plans/>. Consumption charges may apply for additional services, such as toll-free, international minutes for domestic plans, etc. Customers can disable these features to avoid additional billing

² Common Area Phones can join audio conferences via dial-in number provided by the meeting organizer

³ Not available in sovereign clouds

Cloud Video Interop



Meet anywhere

Cloud Video Interop – Certified for Microsoft Teams

HD video (1080p) and Content (VBSS)

Support for H.323 and SIP meeting room devices

Native Teams/Exchange scheduling

Azure Scale with Cloud Solution

Product



Poly RealConnect
Service

pexip

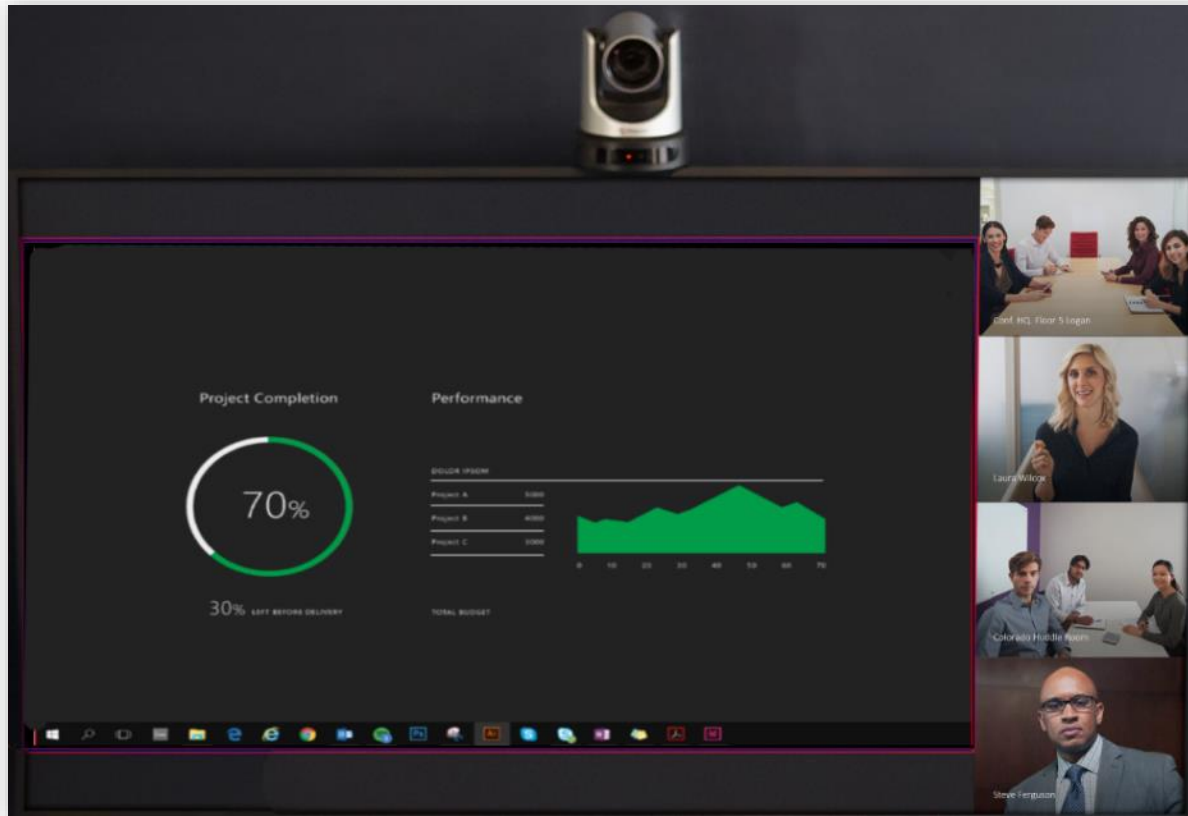
Pexip Infinity
For Microsoft Teams

BlueJeans

BlueJeans Gateway
For Microsoft Teams

RealConnect Service for Microsoft Teams

Enables non-native devices to join a Teams meeting



Cloud service

Offered by Poly, worldwide

Hosted in the Microsoft Azure, operated and managed by Poly

All users enabled for scheduling.

Concurrent connection-based licensing

Supports wide range of devices

Non-native meeting devices can join a Teams meeting

“One-Touch Join” extended to Poly and select Cisco endpoints

Supports Poly, Cisco, and other VTC devices

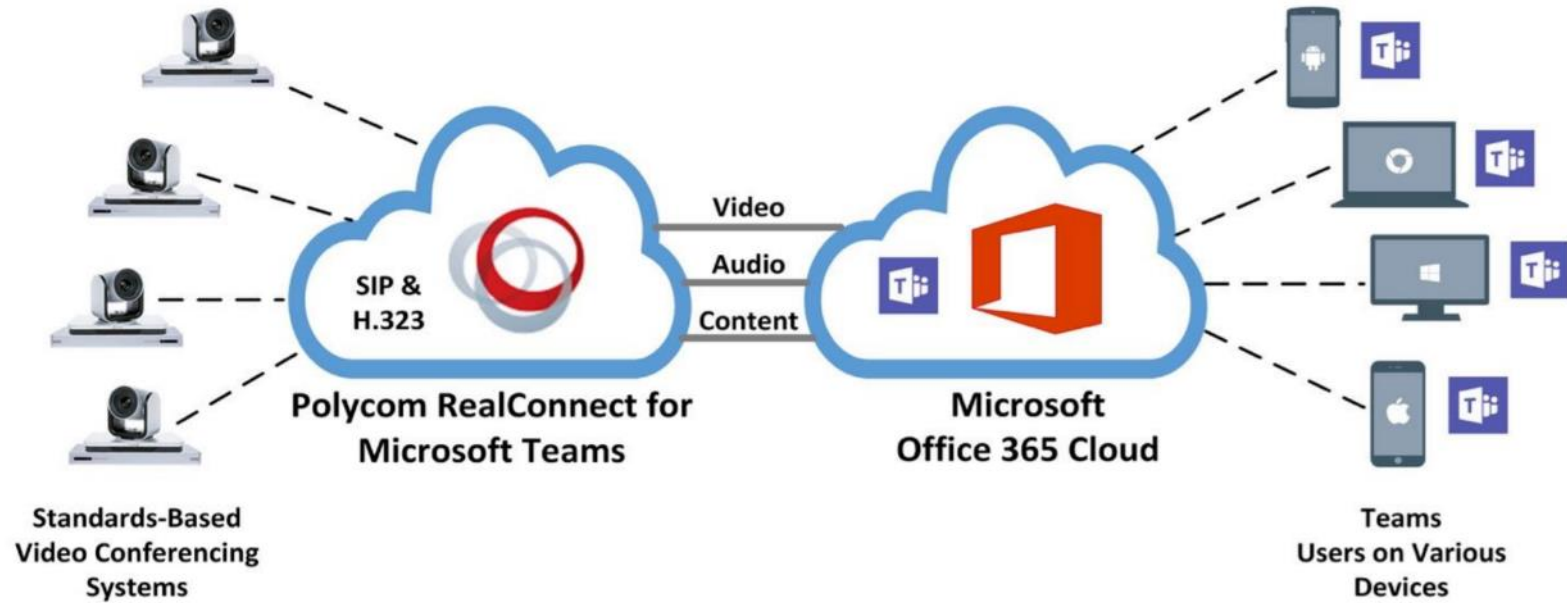
Full Teams experience

Meeting audio and video hosted in Teams

Simple scheduling and join URL experience

Supports desktop and application sharing

Polycom RealConnect for Teams



Cloud service

Offered by Polycom, worldwide

Hosted in the Microsoft Cloud using Microsoft Azure

Users can be enabled directly from within Office 365 portal

Supports wide range of devices

Non-native meeting devices can join a meeting

Extends the Polycom RealConnect interop technology

Supports Polycom, Cisco, and other VTC devices

Full video experience

Meeting audio and video hosted in Skype for Business

Simple scheduling and join URL experience

Supports desktop and application sharing

Pexip Infinity Fusion

A private VTC interoperability gateway for Microsoft Teams



A complete Teams CVI platform for customers that

Are concerned about data ownership and privacy and require control over their IT environments

Have extensive and/or complex traditional VTC environments and want interoperability with these technologies

Want to simplify migration from Skype for Business to Teams

Want to runs in their own Azure instance or even in private data center (on-premises)

Supports a wide range of devices

Provides SIP and H.323 VTC video interoperability for Teams

Enables most non-Microsoft solutions to join Teams meetings

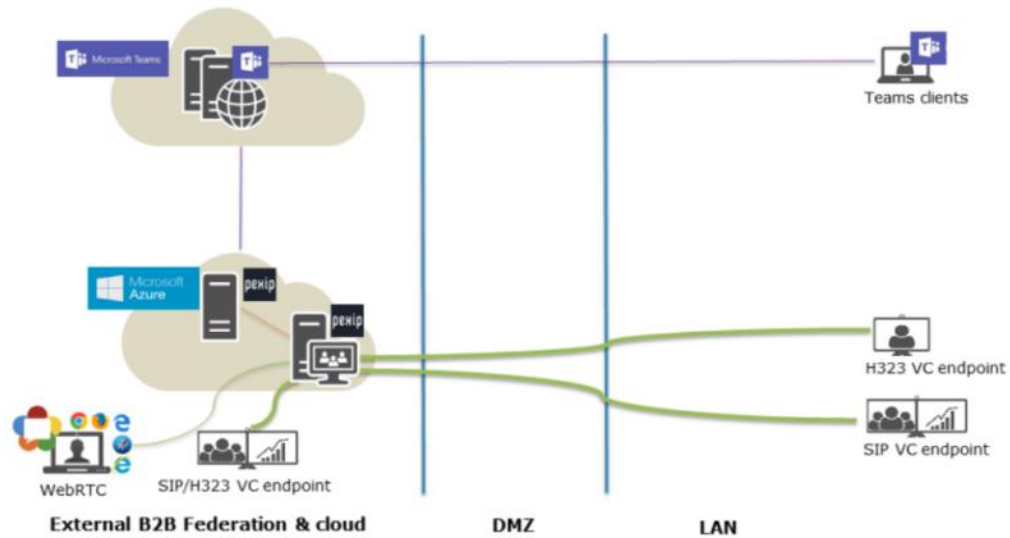
Full Teams experience

Meeting audio and video hosted in Teams

Native Teams scheduling and join experience

Full desktop and application sharing both from Teams and VTC

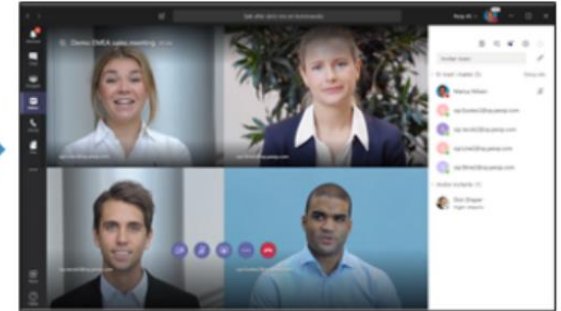
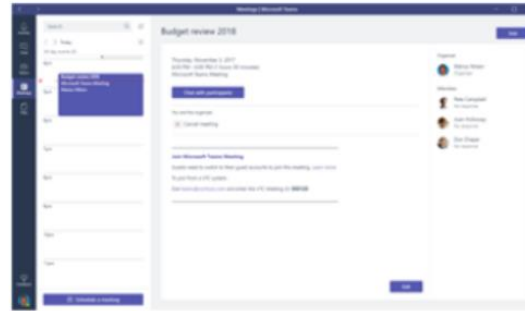
Pexip Cloud Hosted Deployment for Teams



Teams client joins meeting as usual

Any gatewayed 3rd Party seen and heard in same way as any Teams attendee

Authenticated, trusted VTCs within organisation can join directly without additional user interaction



Join workflow from a Microsoft Teams client into a Teams meeting



BlueJeans Gateway

Enables non-native devices to join a Teams meeting with unmatched interop



Cloud-native service

Offered by BlueJeans in North America and EMEA (APAC in Q1 CY19)

Hosted in Microsoft Azure

Users can be enabled directly from within Office 365 admin portal

Supports wide range of devices

Non-native meeting devices can join a Teams meeting

Broadest coverage of room system configurations and 1 billion cloud connected room minutes

Vendor agnostic – leverage existing room system investments or upgrade using your vendor of choice

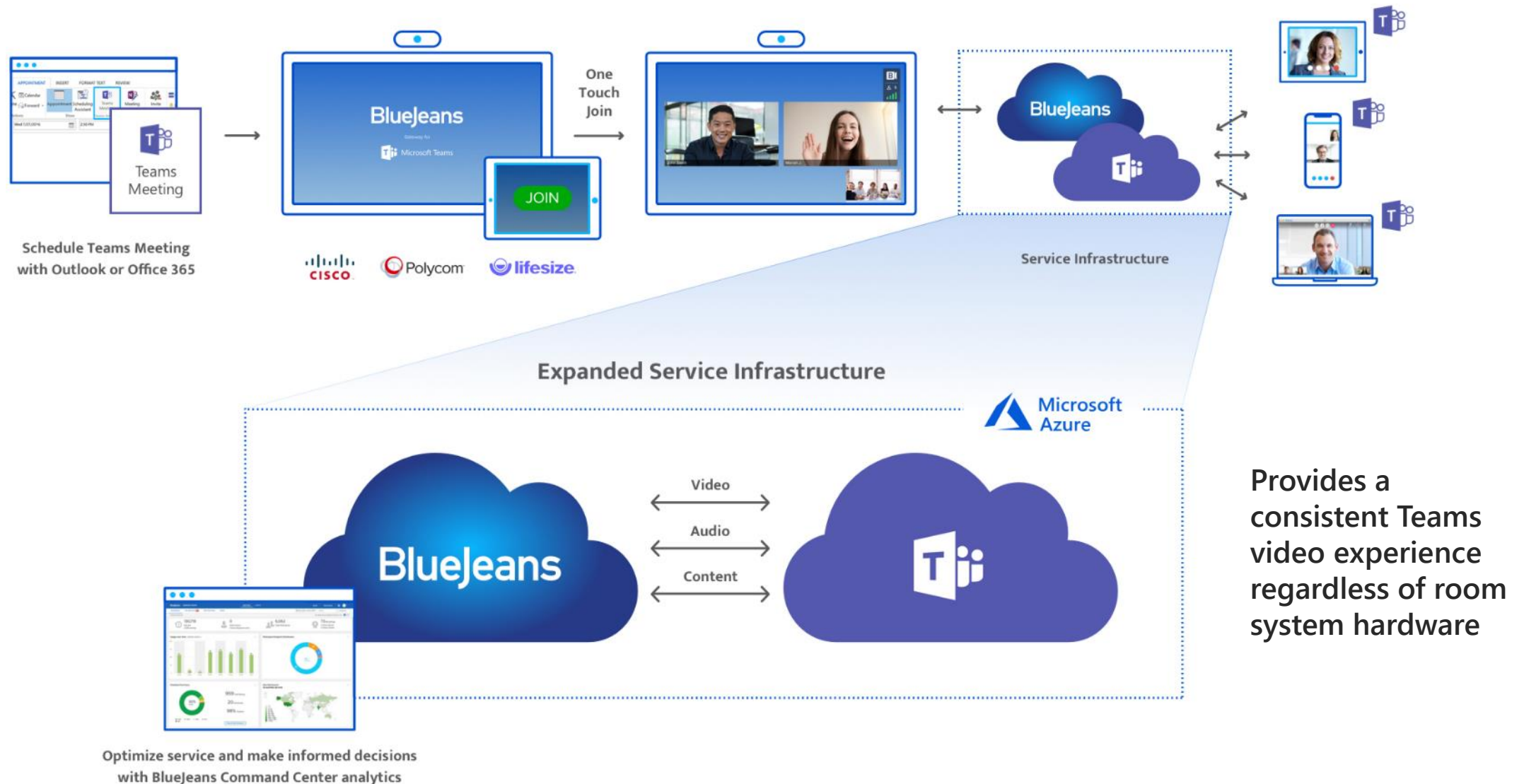
Full Teams experience

Ability to schedule Teams meetings from within Teams or Outlook

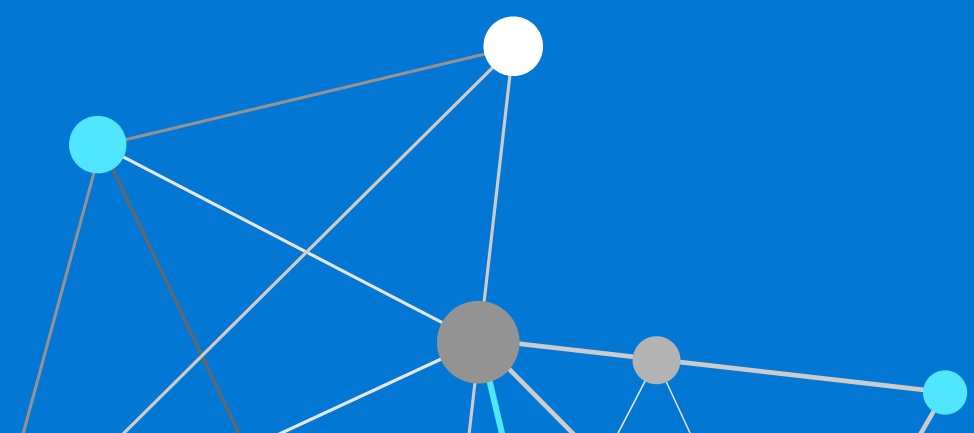
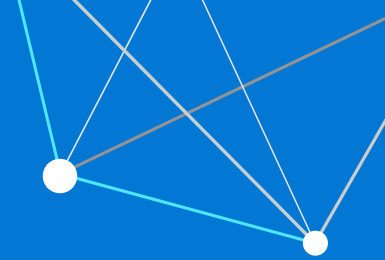
One-Touch join

Supports desktop and application sharing

BlueJeans Cloud Video Interop for Teams

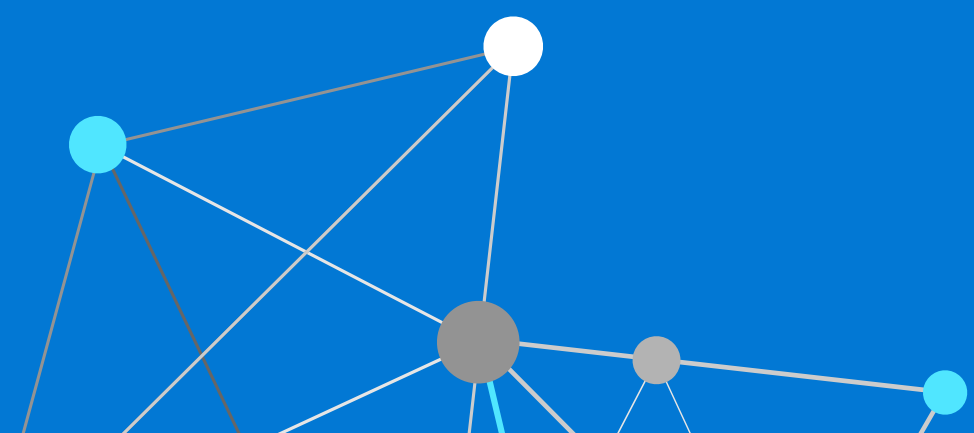
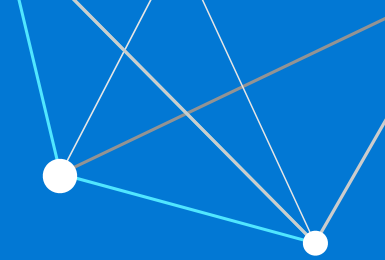


Questions & Answers



Thank you.

Appendix - Equipment portfolio



Crestron Flex Series for Microsoft Teams

Huddle, small, medium, large, extra large, board, classroom

Consistent hardware UX for every room type

World class touch panels - network attached

Exceptional audio mic and speakers, 4k camera

Front of room or center of table configuration



Partnerships with leading device manufacturers

System recommendations

Crestron Flex Series – ordered as full kits

Crestron Flex B160

Smart Soundbar

Beam forming Mic, 4k Cam, 6 speaker



Crestron Flex M100

Crestron Mercury Center of Table

4k Camera Quad Mic array



Crestron Flex C100

Core items to build any room

Multiple touch panels per room



Partnerships with leading device manufacturers

HP Slice for Meeting Rooms G2 – Audio Ready

Enjoy on-demand calling, dual viewing angles, and flexible accessibility, easily add attendees, and share content with the Center of Room Control and familiar Microsoft Teams Rooms interface

Easily connect your Microsoft Teams certified audio and video peripherals to HP Elite Slice

Get setup quickly with hassle-free installation and intuitive user operation—no assembly or specialized skills required

In-room meeting attendees can easily present from their own PCs by connecting to the HP Wired Ingest Module

Protect your PC from the ground up with our only Microsoft Teams Rooms with a self-healing BIOS



Partnerships with leading device manufacturers

System recommendations

HP Elite Slice for Meeting Rooms G2 Microsoft Teams Rooms – Audio Ready

HP Elite Slice SRS system with Logitech Brio

Recommended for huddle spaces and small rooms

Stress-free setup and crisp audio with 4k ultra def video



HP Elite Slice SRS system with Logitech Meetup

Recommended for medium rooms

Stress-free setup and crisp audio with 120 degree field-of-view video



Poly + HP SRS system

Recommended for medium and large rooms (w/ mics)

Versatile SRS room system that seamlessly connects to Poly USB PTZ camera and Trio conference phone



Partnerships with leading device manufacturers

RAZOR TECHNOLOGY



Lenovo ThinkSmart Hub 500

Integrated 11.6" rotatable LCD display

Integrated Dolby premium audio with dual Omni-directional microphones

Built-in secure cable management solution

Intel Core i5 7th Gen vPro processor with 8GB RAM and 128GB SSD

Runs Windows 10



Partnerships with leading device manufacturers

RAZOR TECHNOLOGY

Lenovo

System recommendations

Lenovo ThinkSmart Hub500

Small and Huddle Rooms

Up to 12' x 10' size rooms

Hub 500 and Logitech Meetup



Medium Rooms

Up to 12' x 15' size rooms

Hub 500 and Logitech Rally



Large Rooms

Up to 20' x 15' sized rooms

Hub 500 and Logitech Rally



Partnerships with leading device manufacturers

Logitech Tap

One-touch join for Microsoft Teams Rooms

Proven: Built on experience with thousands of Skype for Business and Teams Meeting Room installations worldwide

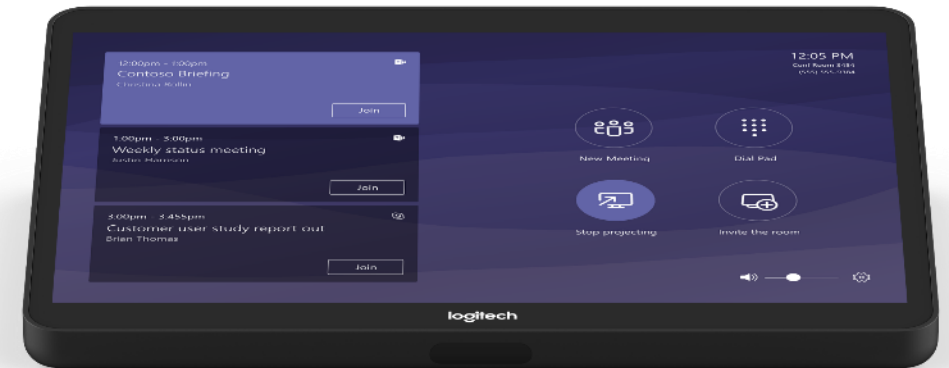
Spacious: 10.1" oleophobic display in a compact low-profile enclosure

IT-friendly and secure: Built-in cable management and hidden routing for a clean tabletop

Flexible: Mounting options include Table, Swivel, Riser, Wall, Vesa

Silent: No distracting fan noise

Green: Proximity sensor (3 meters) saves power with always-on convenience.



Partnerships with leading device manufacturers

System recommendations

Logitech TAP

Huddle Spaces with Logitech MeetUp

Includes Logitech TAP and Logitech MeetUp Conference Cam



Medium Rooms with Logitech Rally

Includes Logitech TAP and Logitech Rally system (camera, speaker, and microphone)



Large Rooms with Logitech Rally Plus

Includes Logitech TAP and Logitech Rally Plus system (camera, speakers, and microphones)



Poly G-Series - Console: GC8

8" LED display

Integrated HDMI ingest and USB Port

10m fiber optic USB cable (25m/40m options available)

Delivers clutter-free experience

Compute appliance:

- Lenovo ThinkSmart Edition Tiny
- Wall/VESA mount kit, to keep the compute away from users and for cable management



System recommendations

Poly G-Series

Base Kit with Poly G10-T

Includes Poly GC8, Lenovo ThinkSmart Edition Tiny, 10m fiber USB cable, Wall/VESA mount kit

Connect to existing Teams USB peripherals



Small to Medium Rooms with Poly G40-T

Includes Poly GC8, Lenovo ThinkSmart Edition Tiny, 10m fiber USB cable, Wall/VESA mount kit and Poly Studio (camera, speaker, microphone)

Poly MeetingAI for best-in-class camera tracking and noise suppression



Medium to Large Rooms with Poly G80-T

Includes Poly GC8, Lenovo ThinkSmart Edition Tiny, 10m fiber USB cable, Wall/VESA mount kit EagleEye Director II (dual-camera), Trio C60 (conference phone)

best Poly speaker/mic technology and production-like camera tracking for large+ rooms



Yealink* MVC500

5x optical camera with 83° FoV H

Connect up to four wireless microphones and cover up to 850 ft²

Screen share adapter integrates HDMI and mini-DP input. Support built-in wireless or dedicated network. Just plug-and-play and start sharing content with a single click

Mini-PC and console(touch pad) are separated. Yealink mini-PC box is flexible to be deployed on the wall, table or TV cart

8-inch console (touch pad) allows flexible angle adjustment with the hinge. It is of appropriate size and light weight



coming in H1 CY19

* Coming soon

 Partnerships with leading device manufacturers

 RAZOR TECHNOLOGY

Yealink

Yealink* MVC800

12x optical camera with wide-angle lens

Connect up to four wired microphones with 20ft voice pickup

Screen share adapter integrates HDMI and mini-DP input. Support built-in wireless or dedicated network; just plug-and-play and start sharing content with a single click

Mini-PC and console (touch pad) are separated; Yealink mini-PC box is flexible to be deployed on the wall, table or TV cart

8-inch console (touch pad) allows flexible angle adjustment with the hinge; it is of appropriate size and light weight



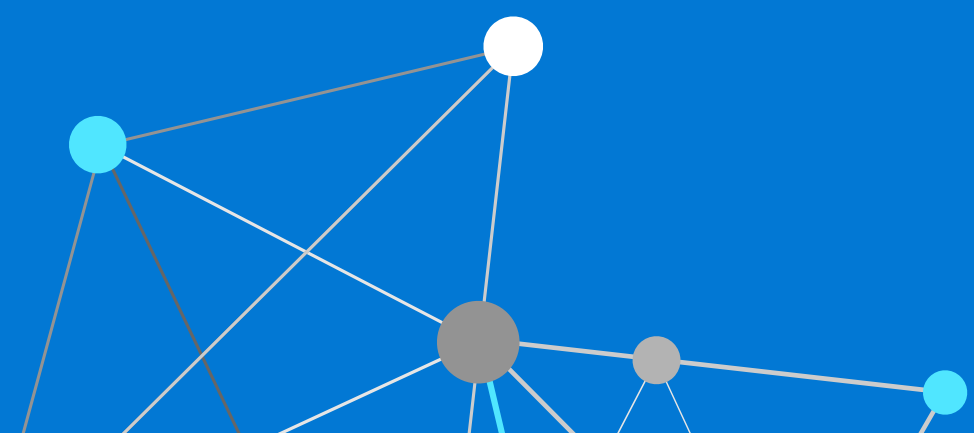
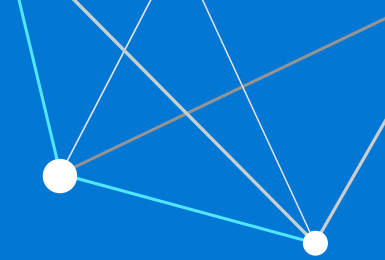
* Coming soon

 Partnerships with leading device manufacturers

 RAZOR TECHNOLOGY

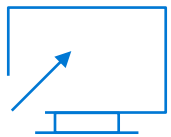
Yealink

Appendix – Click Through Demo

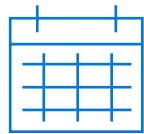




Teams Meeting experience



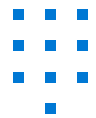
Project
content



Join scheduled Skype &
Teams Meetings

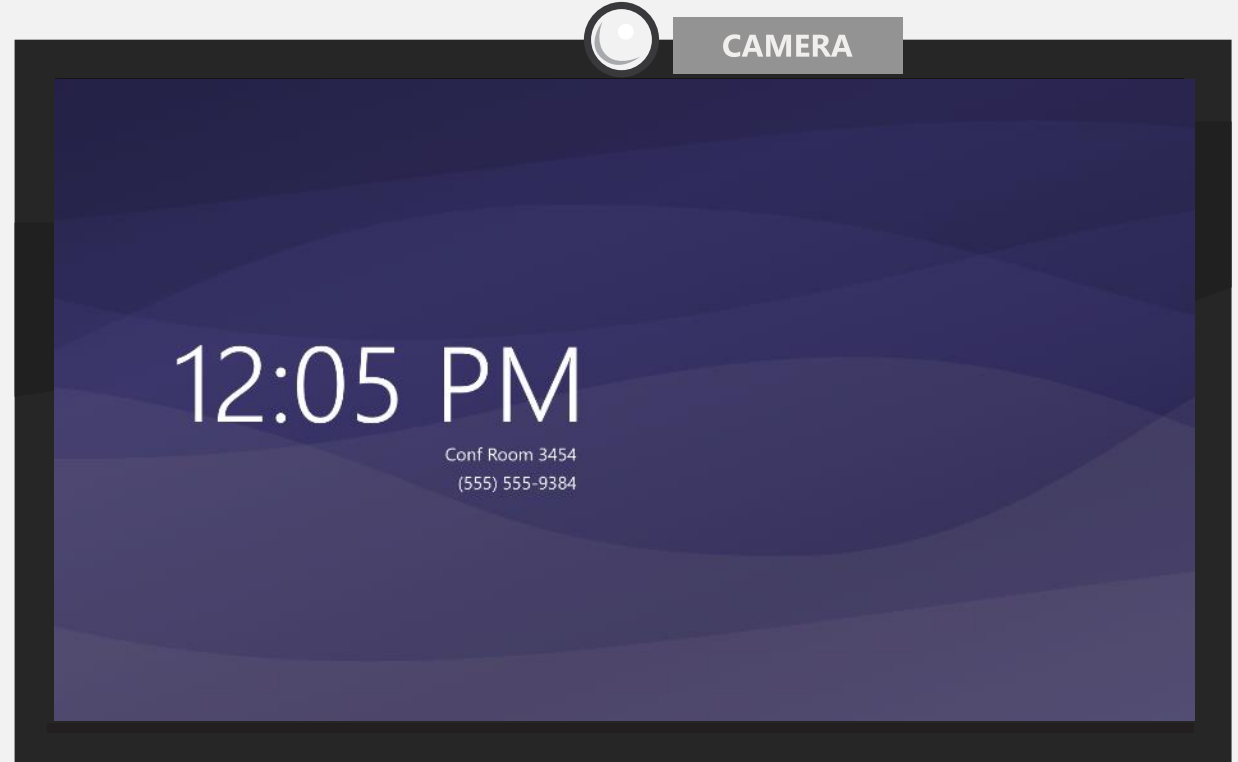


Create ad-hoc
Meetings

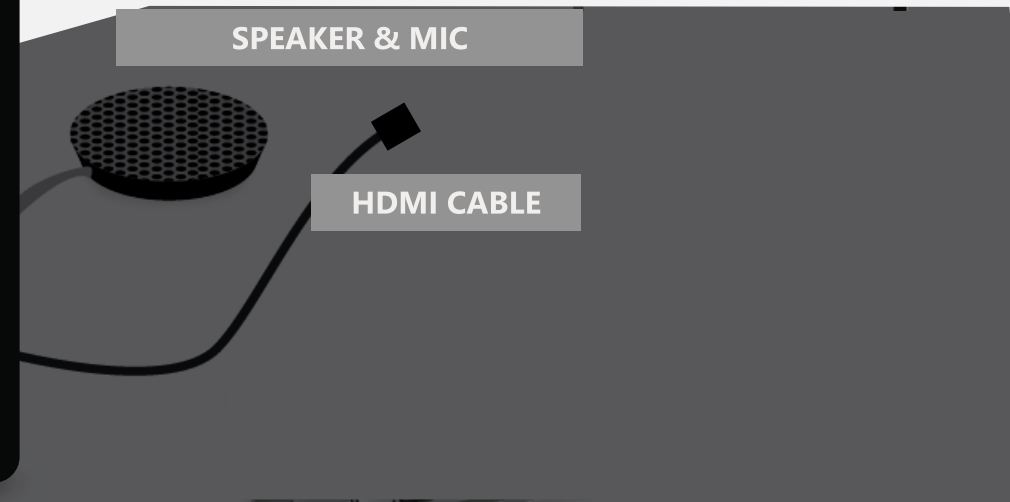
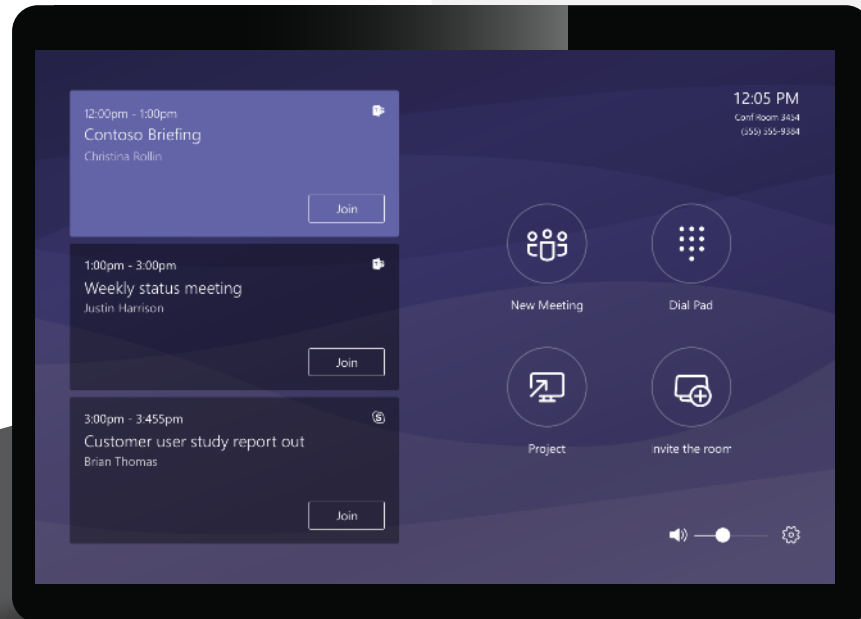


Make
a phone call

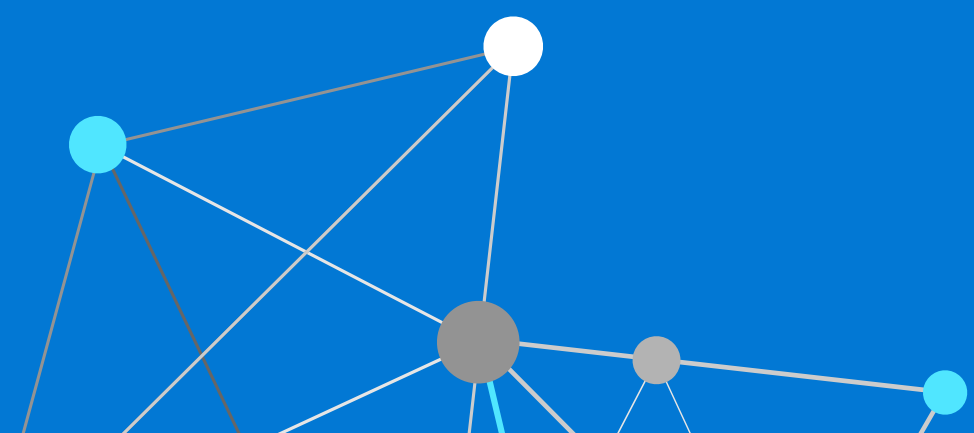
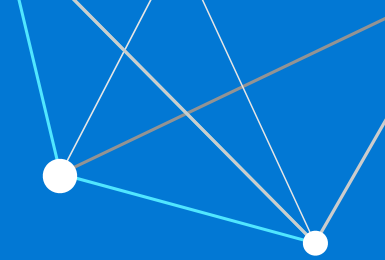
Microsoft Teams Rooms hardware setup



CONSOLE

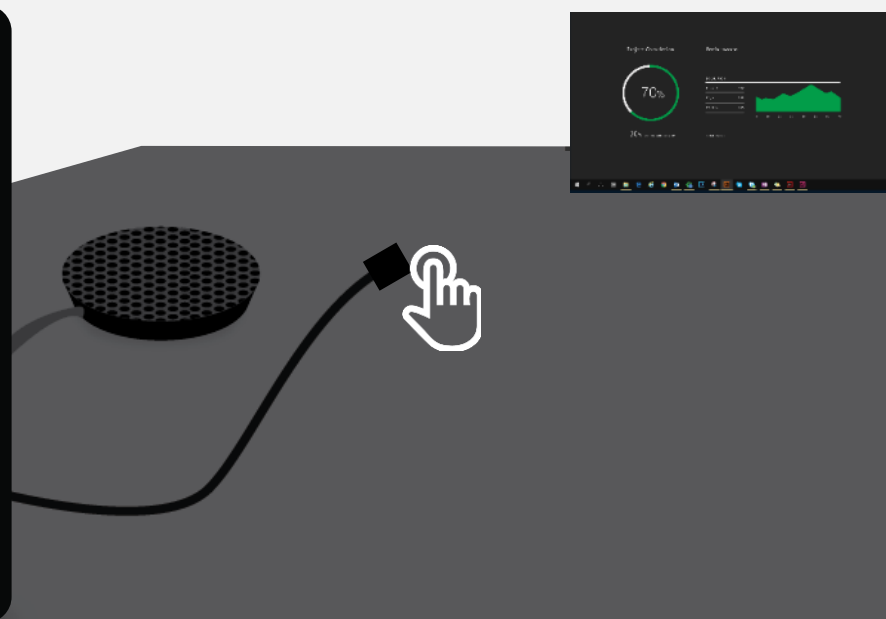
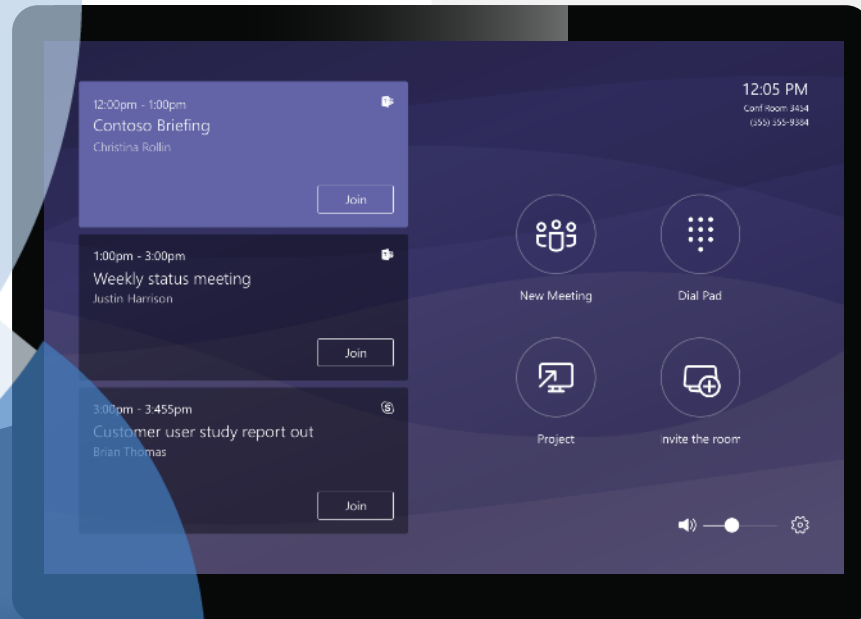
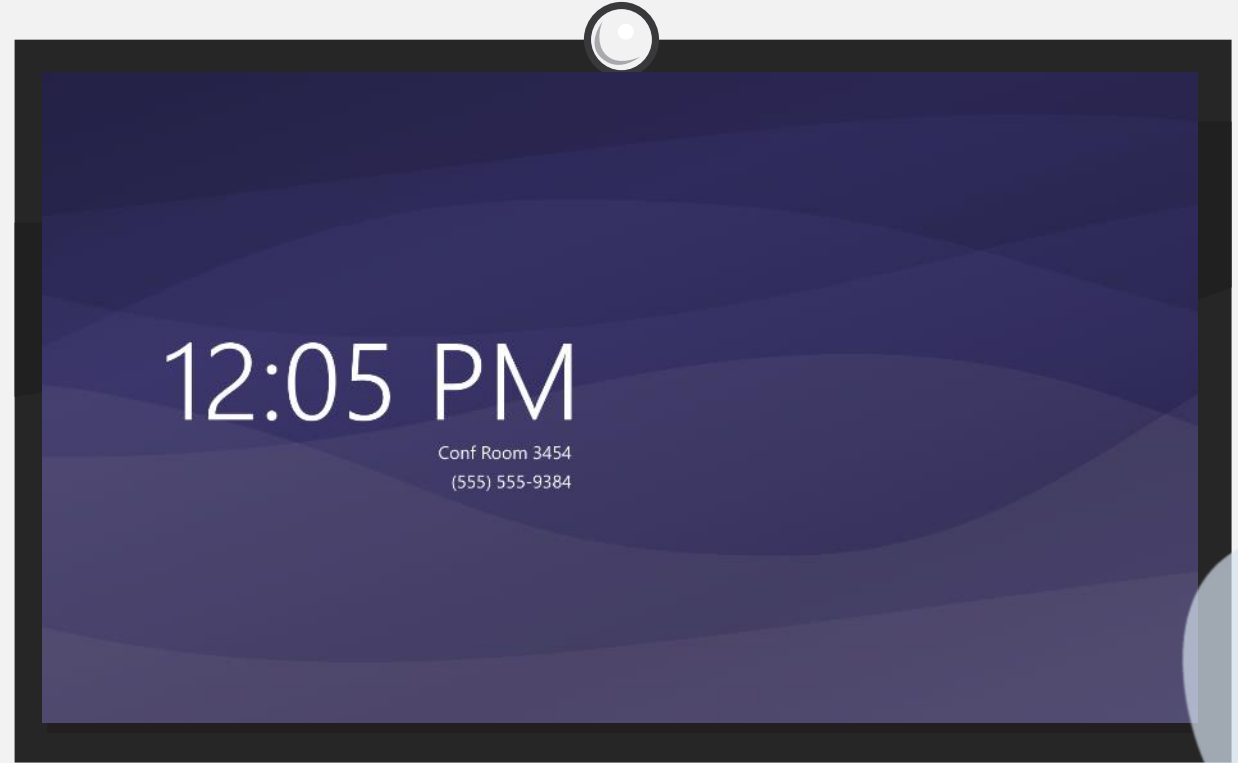


Join a scheduled meeting and
projection of content

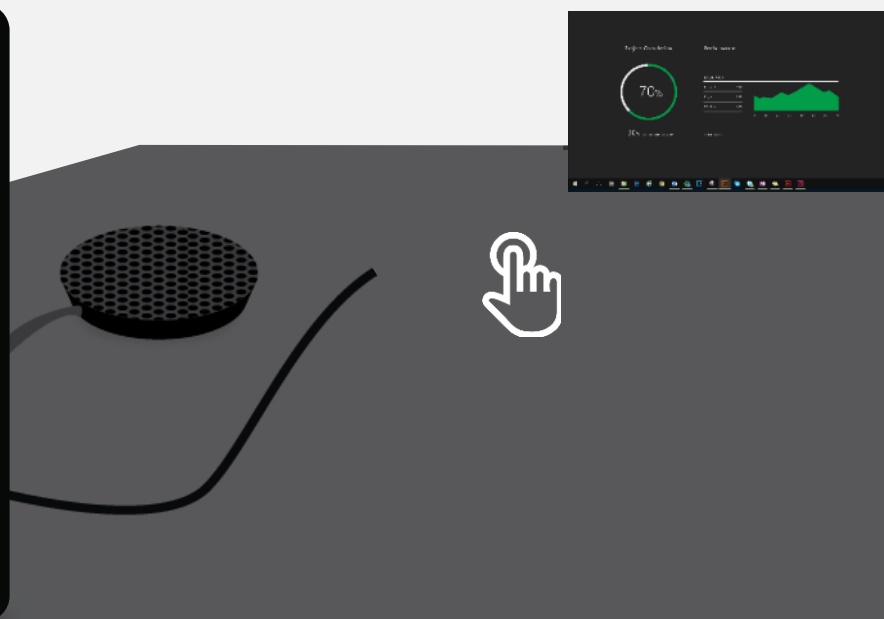
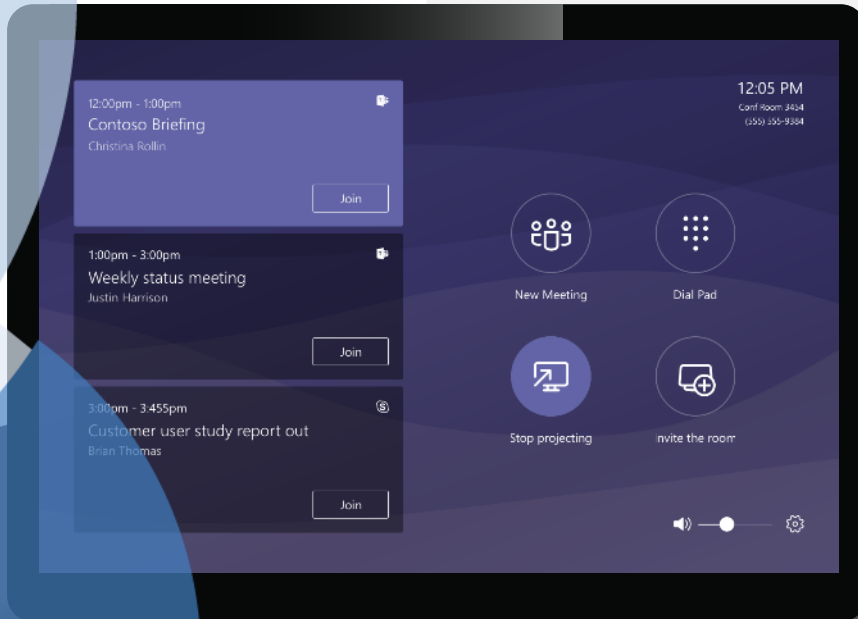
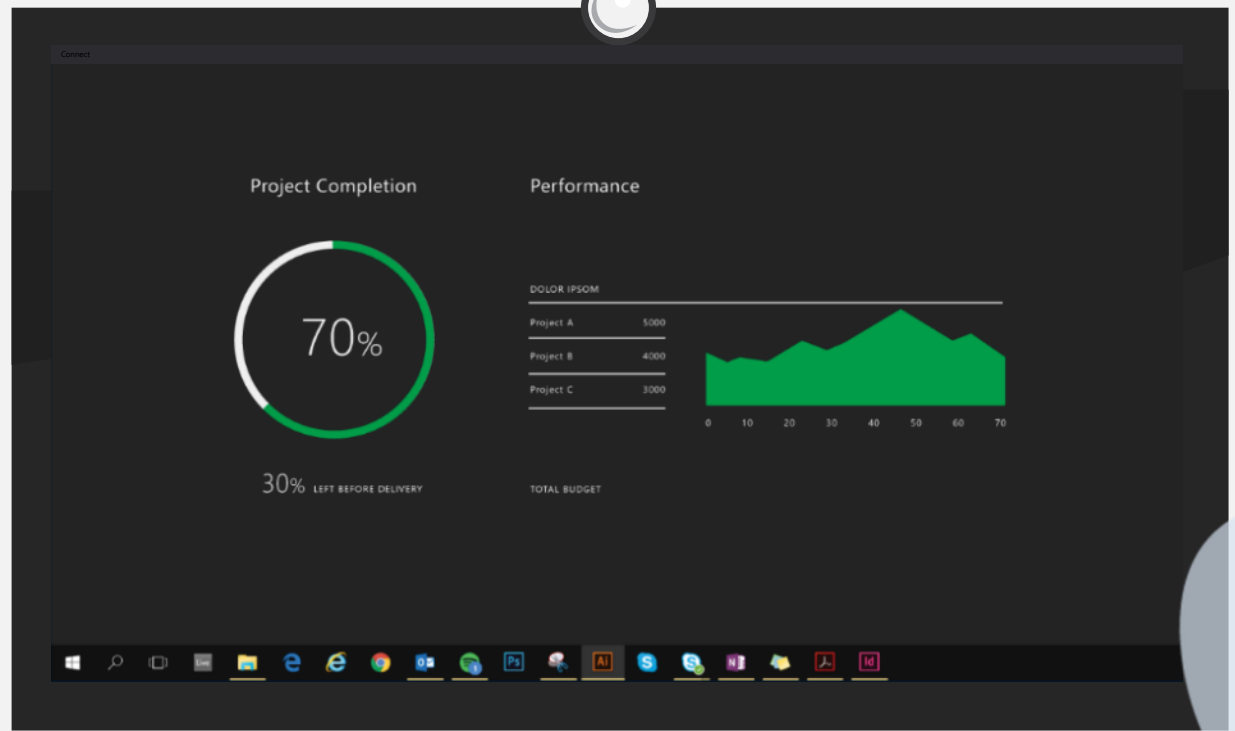


Entering the room, James sees on the console on the table that he has this room booked for the next hour.

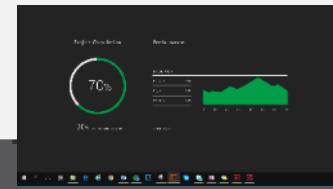
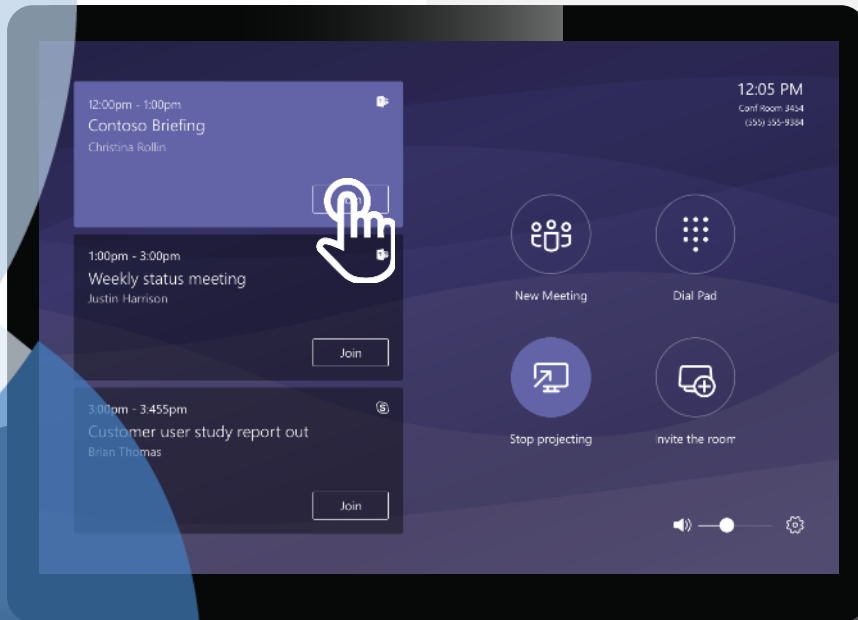
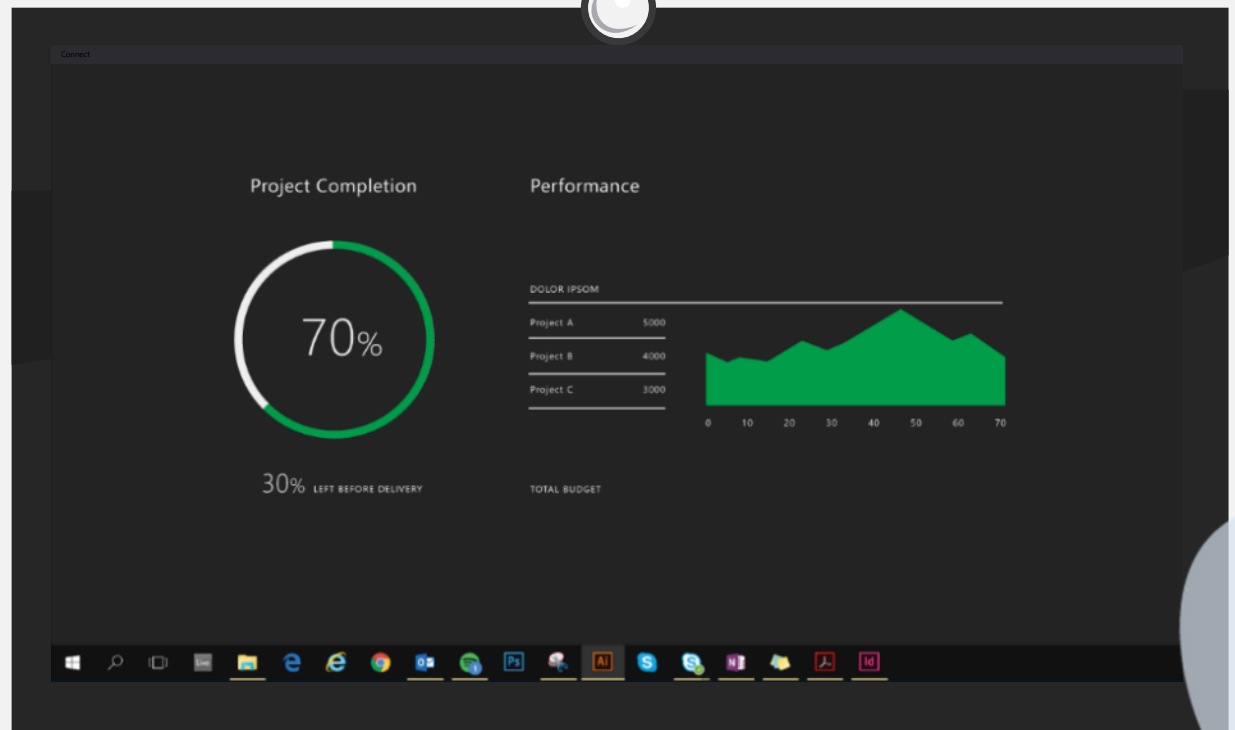
Across the room, Dean sits down and plugs the provided HDMI cable into his laptop...



Once connected, Dean's laptop screen is immediately projected to the front of room display.

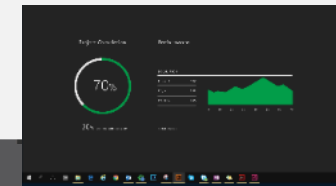
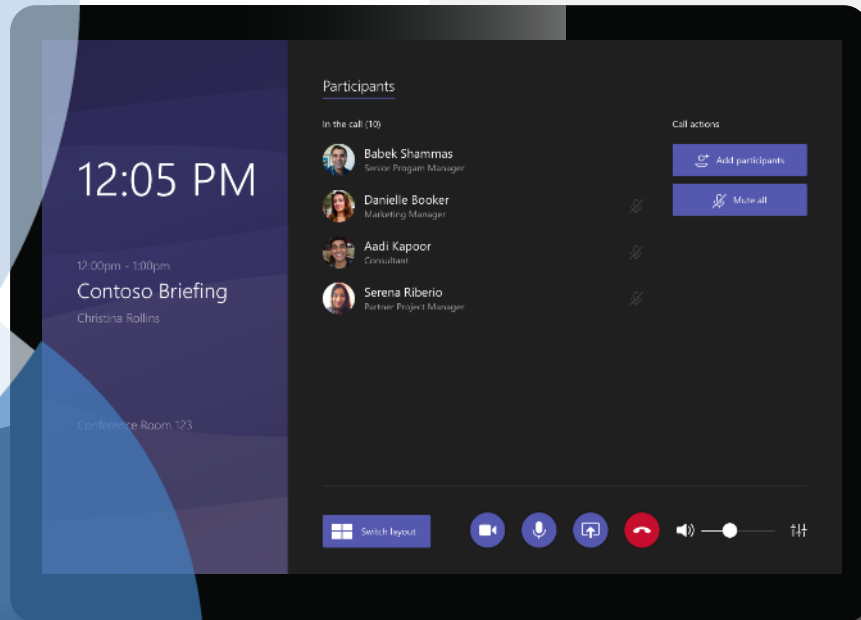
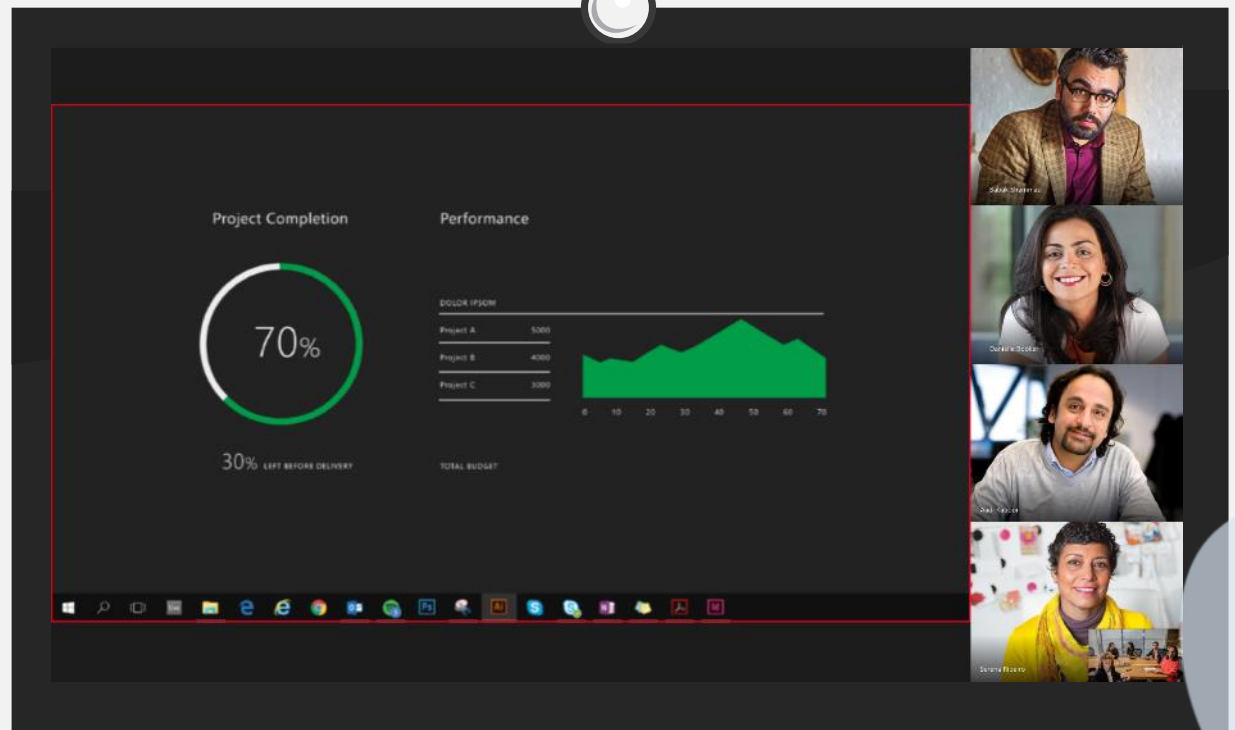


With their presentation ready to go, James joins the scheduled meeting using the console.

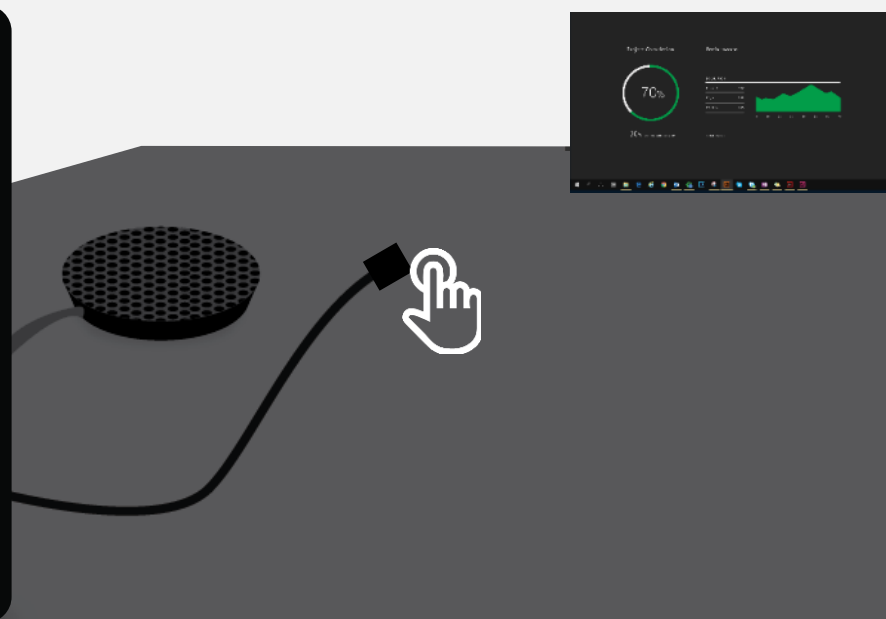
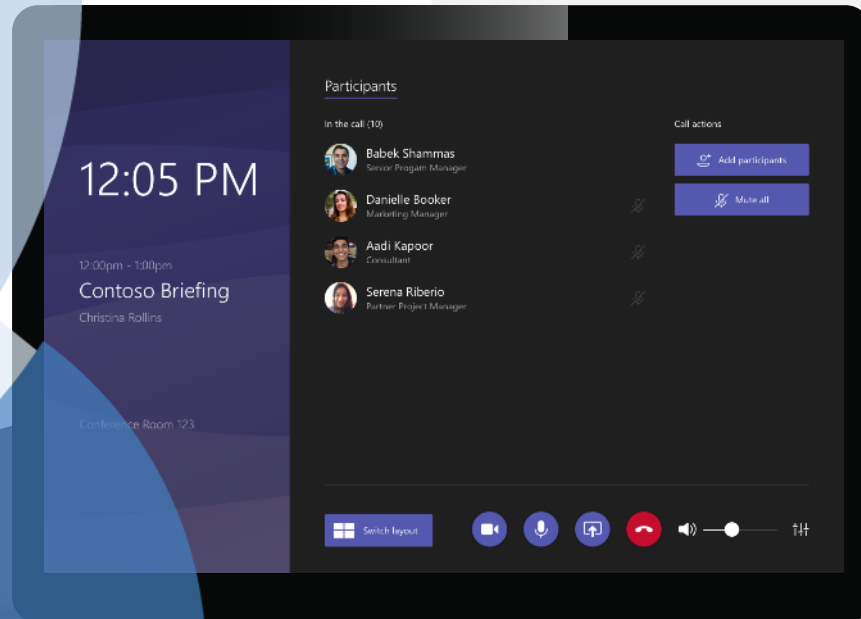


Everyone else is already in the meeting.

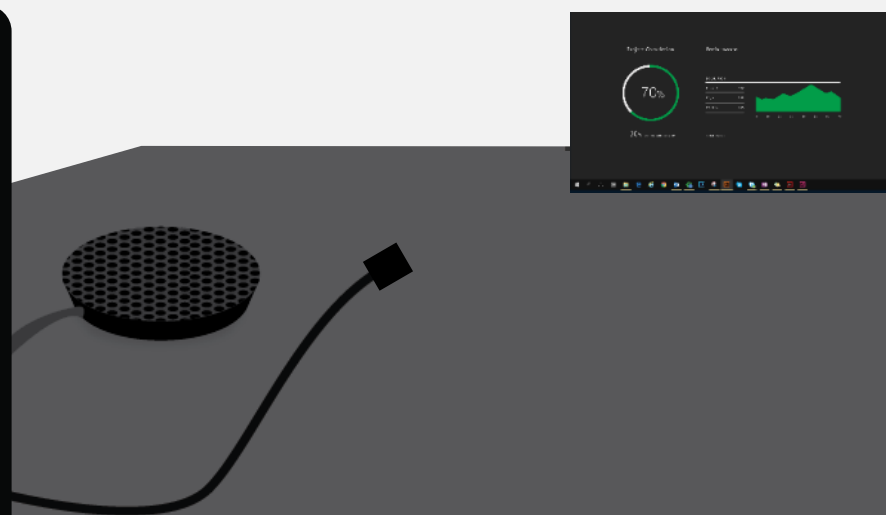
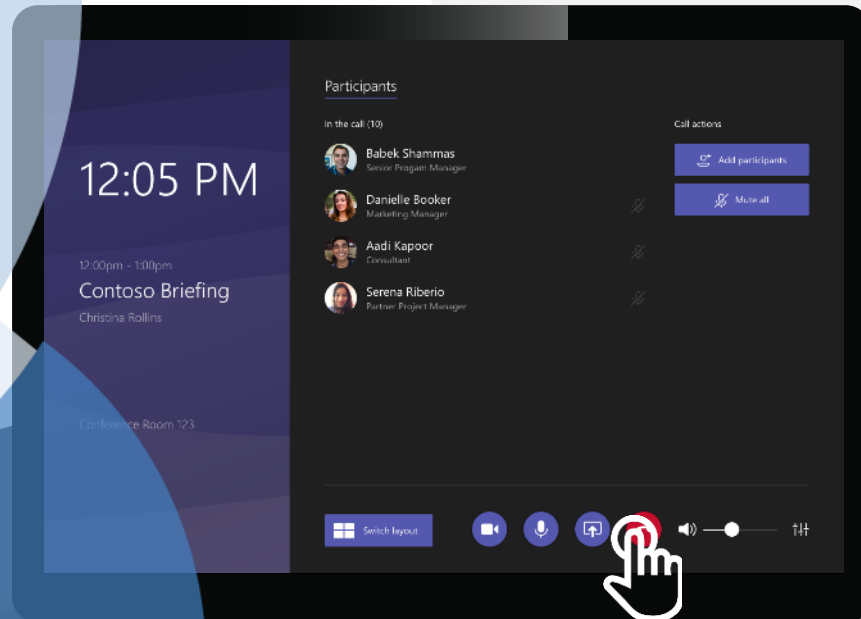
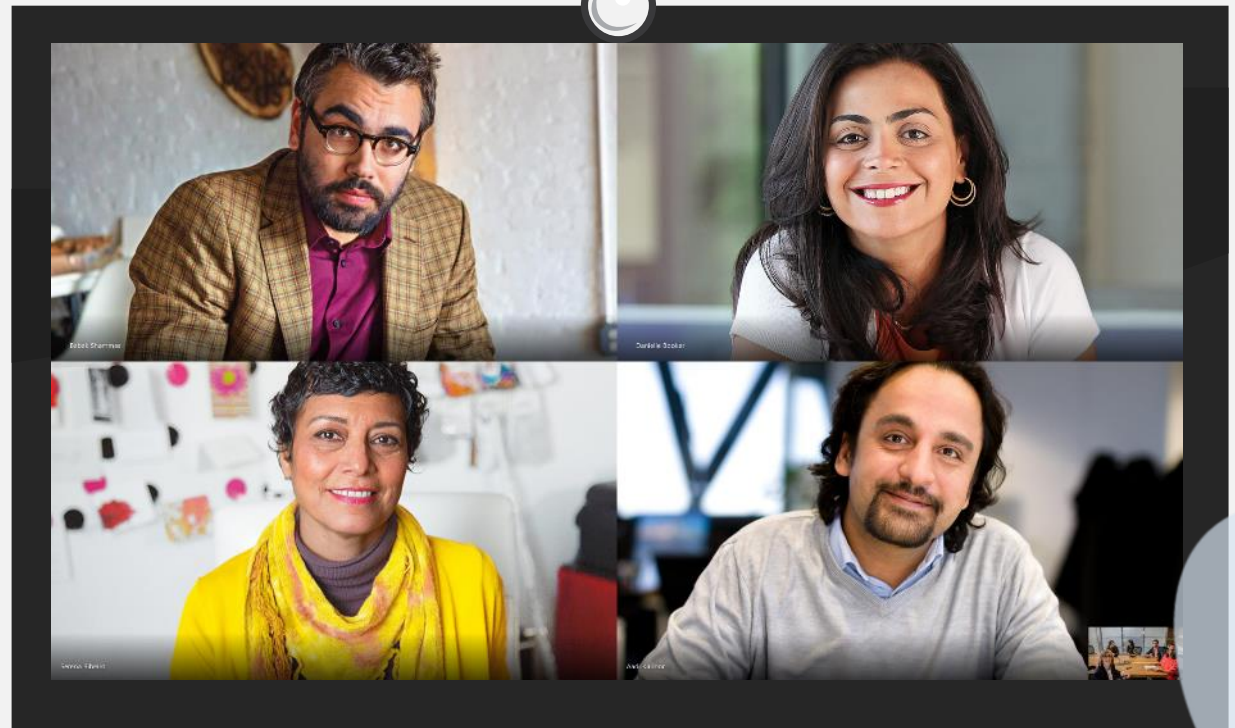
Dean's presentation is automatically shared into the online meeting.



After the presentation
Dean unplugs his laptop
and the video gallery is
automatically switched to
full screen mode.

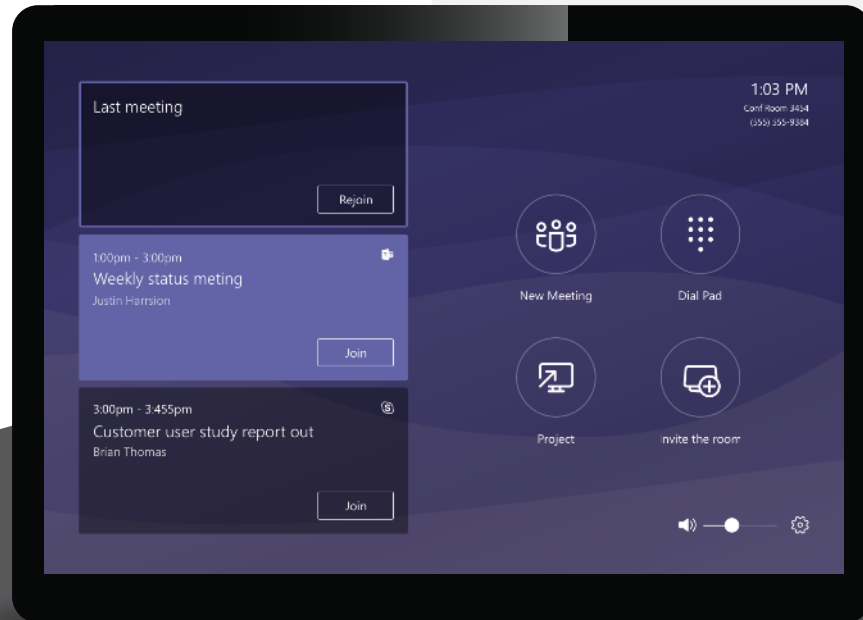
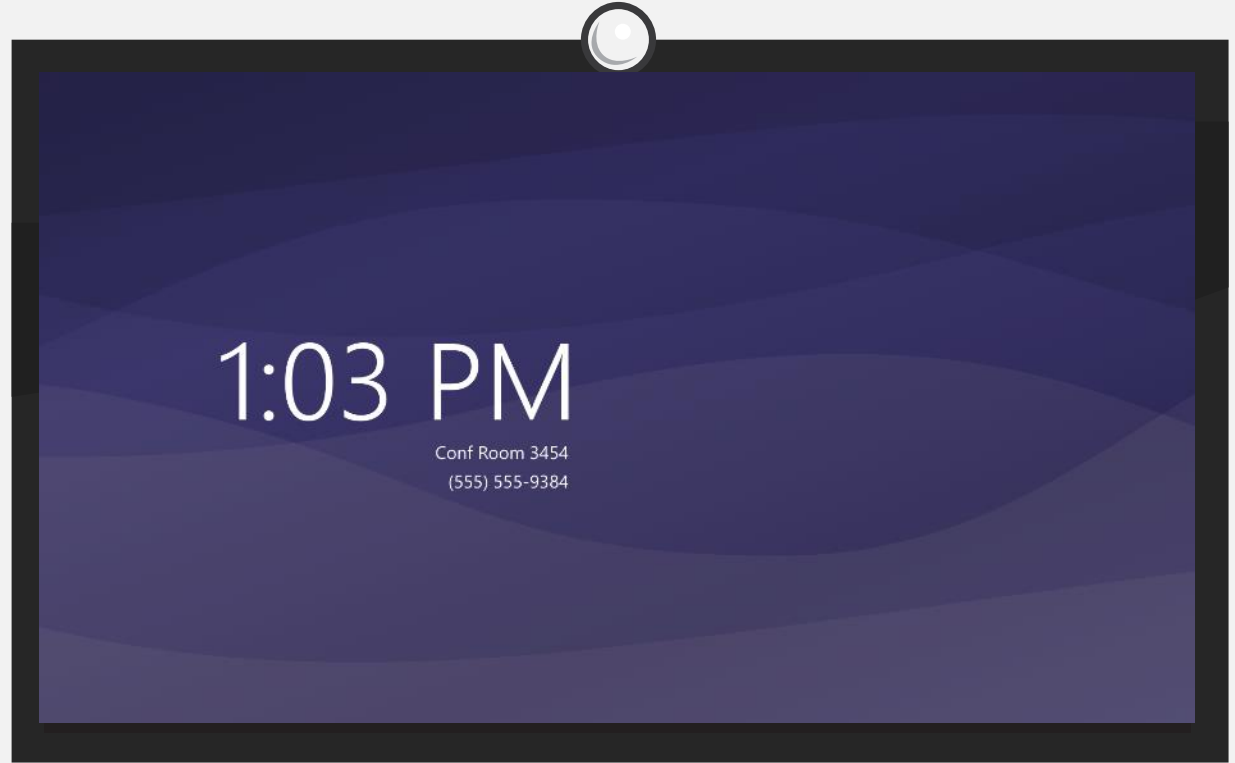


At the end of the meeting, James hits the Hang Up button.

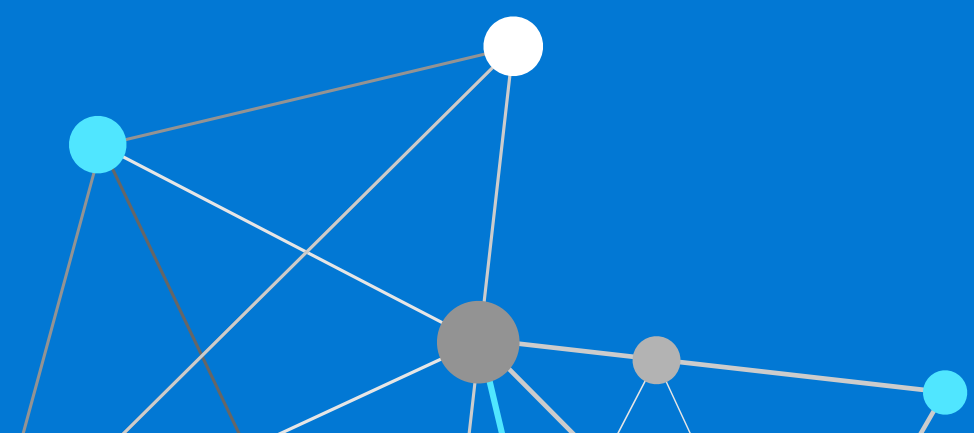
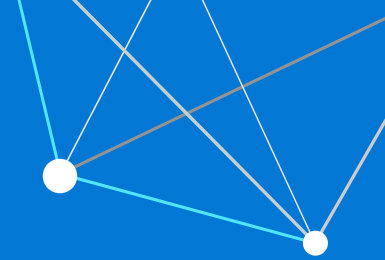


Both the console and front of room displays are returned to their ambient states.

James and Dean leave the room.

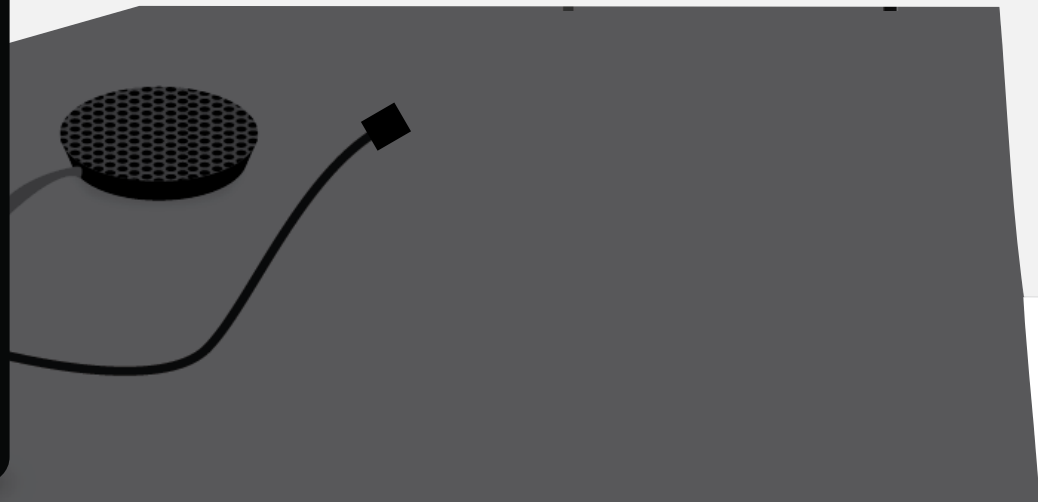
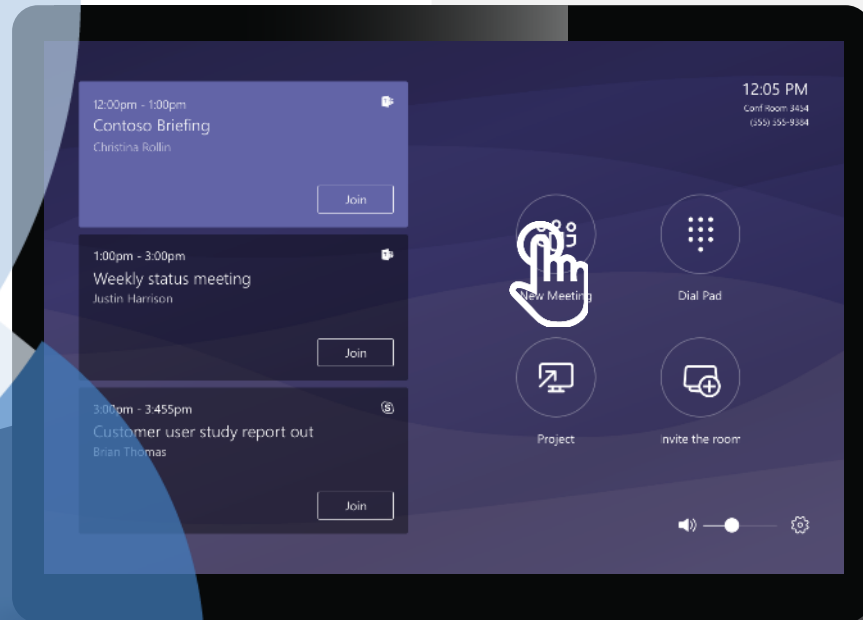
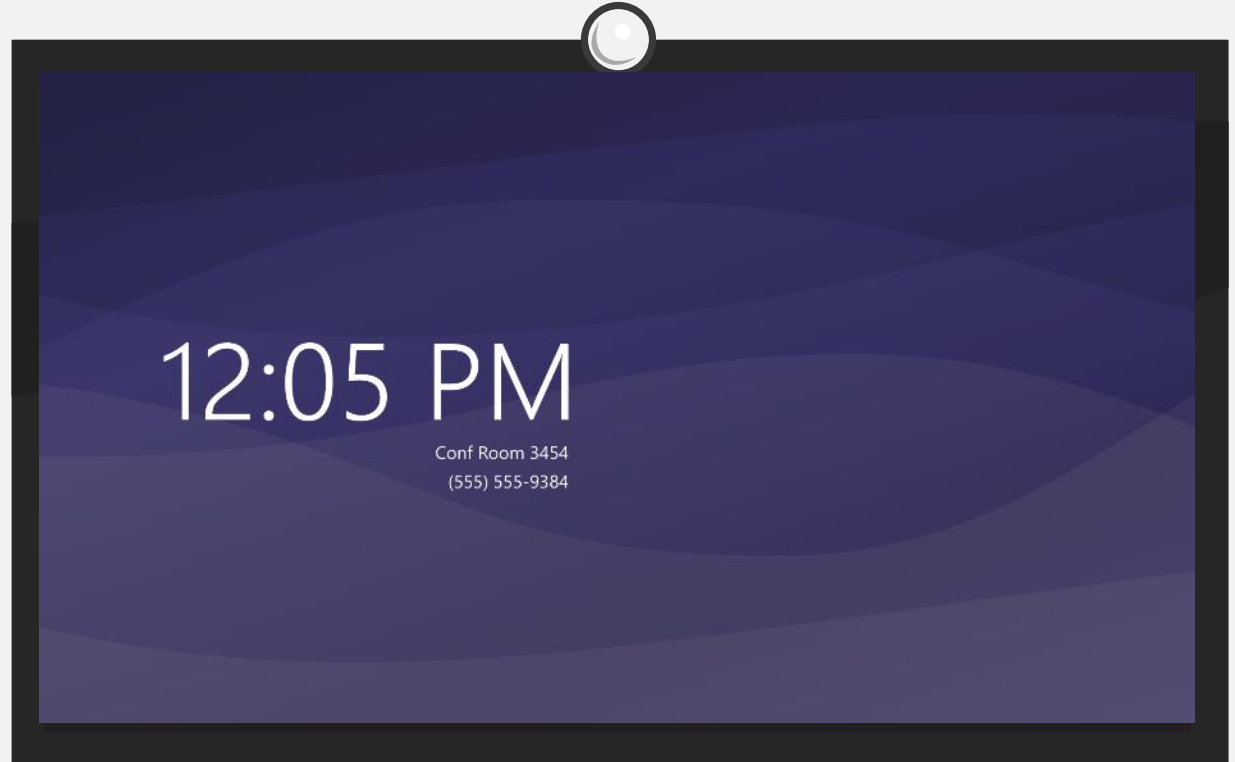


Ad-hoc meeting

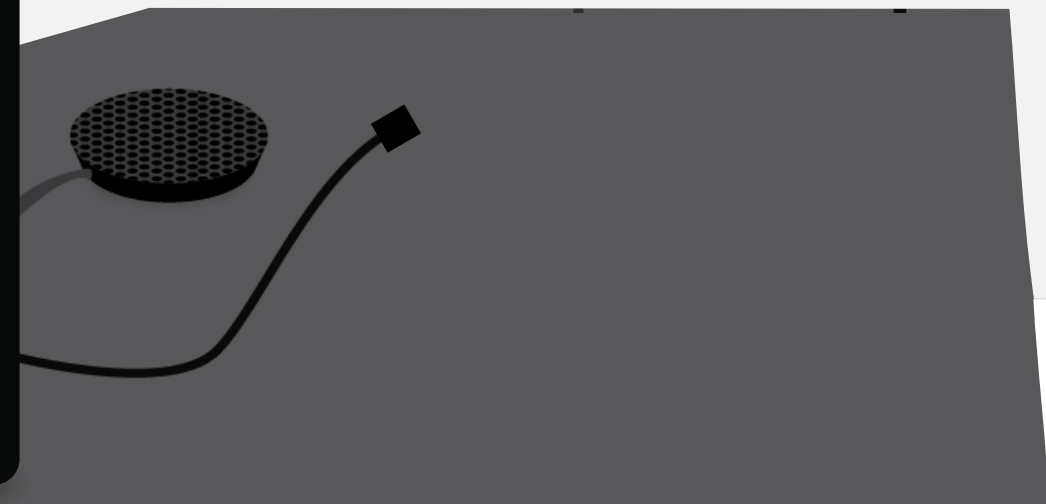
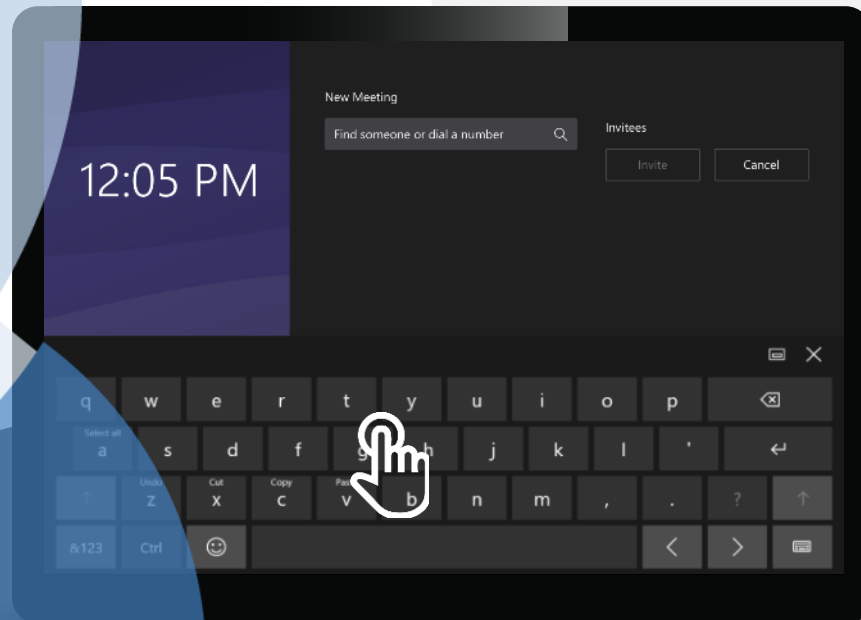
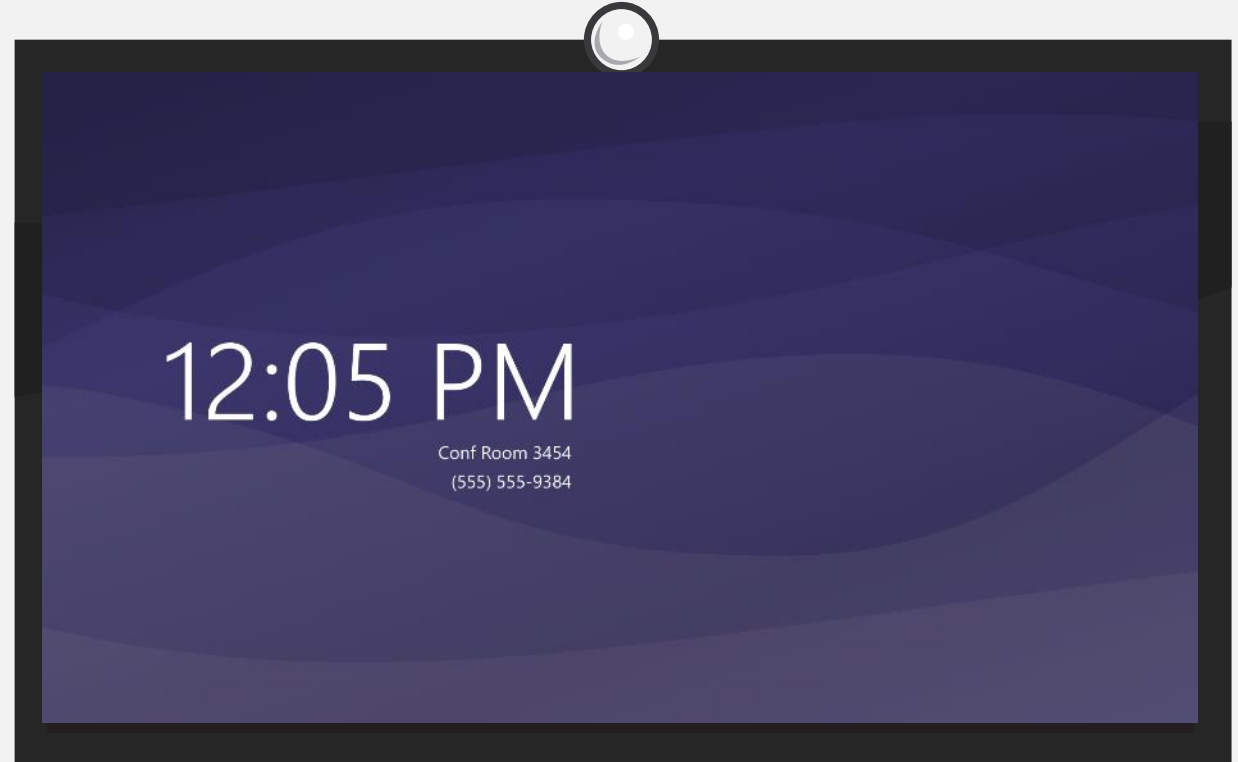


Dean wants to sync with a few of his coworkers.

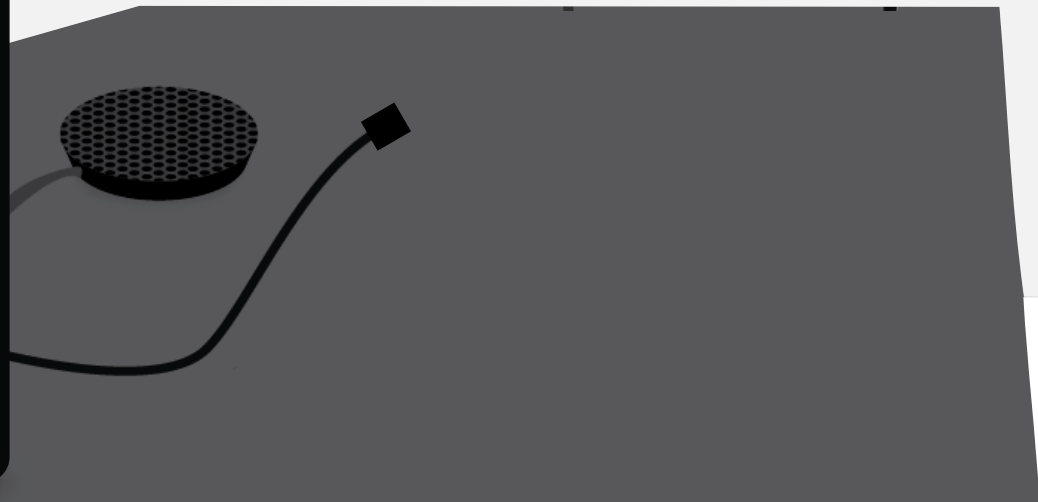
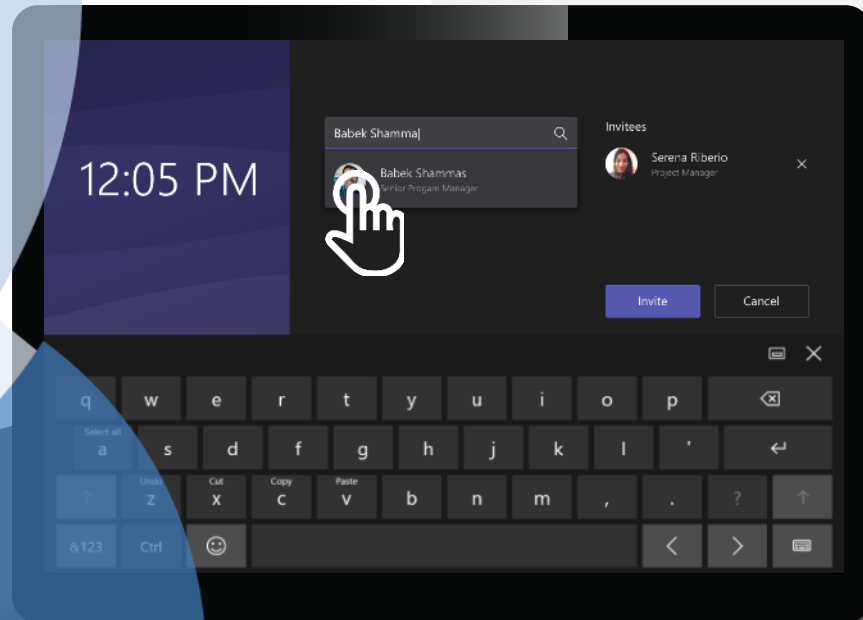
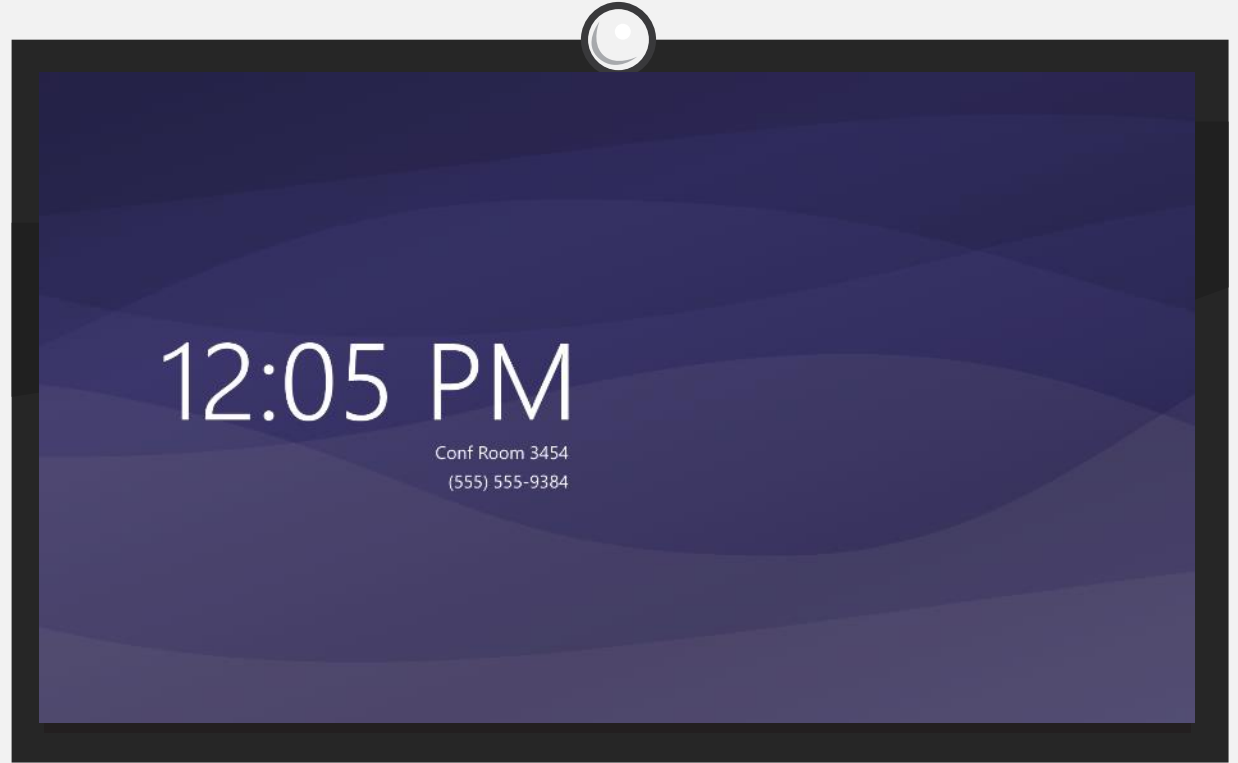
Entering the room, he starts a new Skype or Teams meeting.



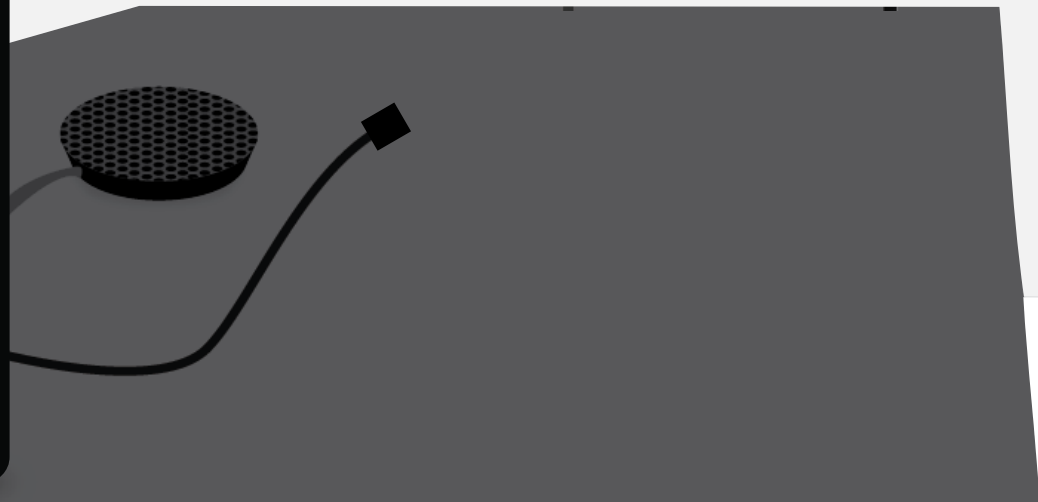
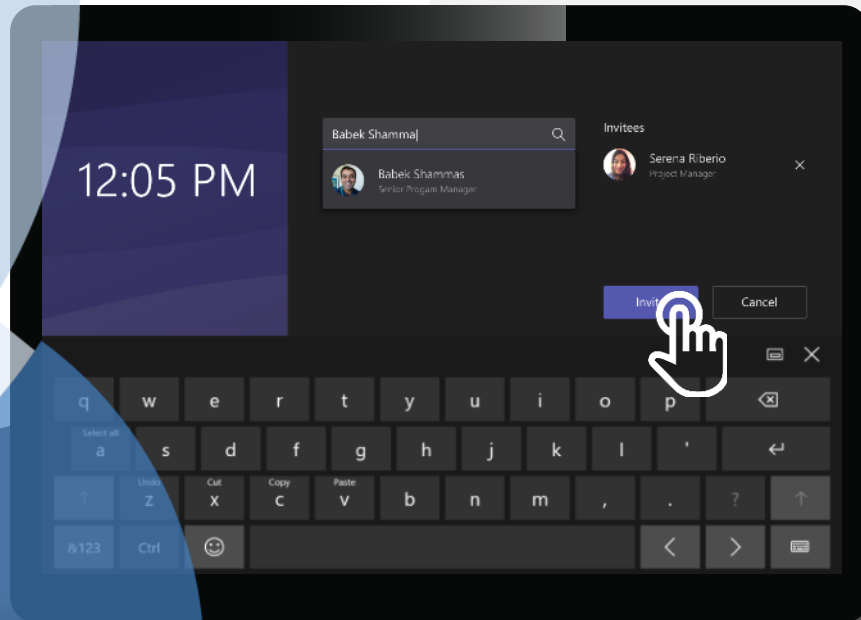
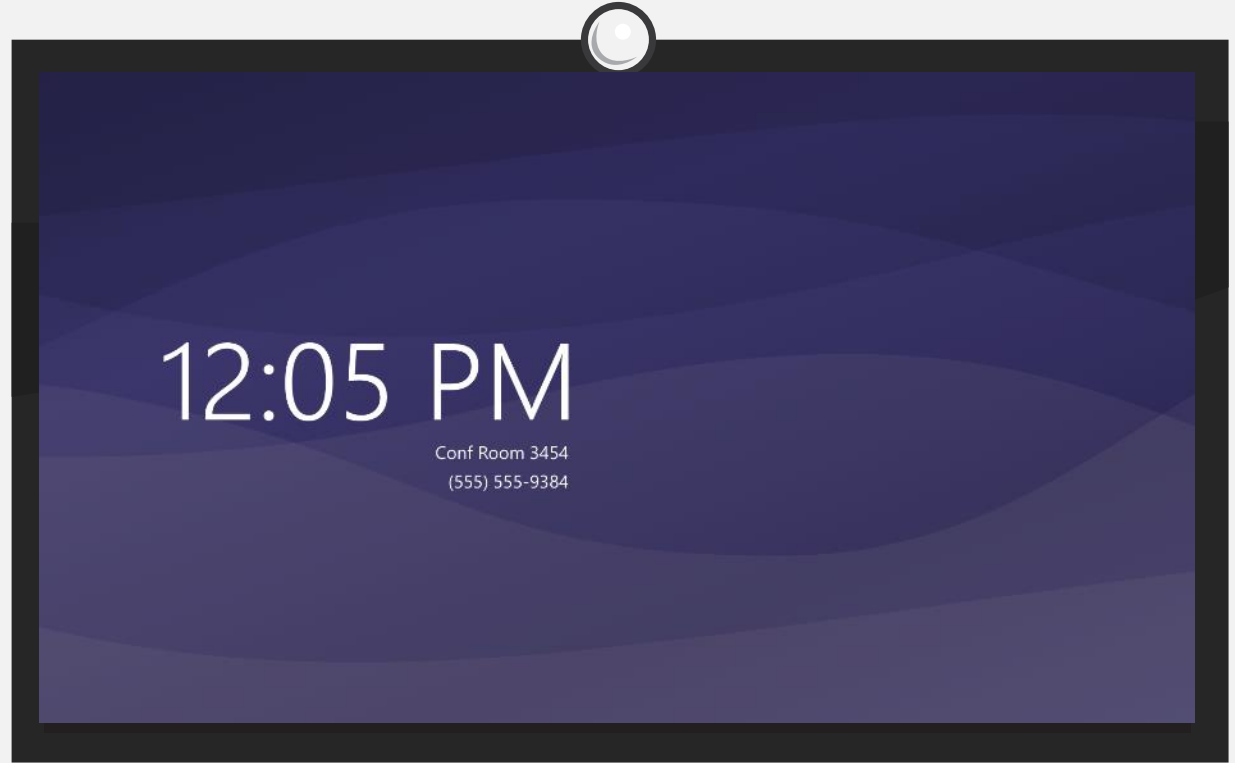
The keyboard is automatically brought up and Dean starts typing in the names of coworkers he wants to invite.



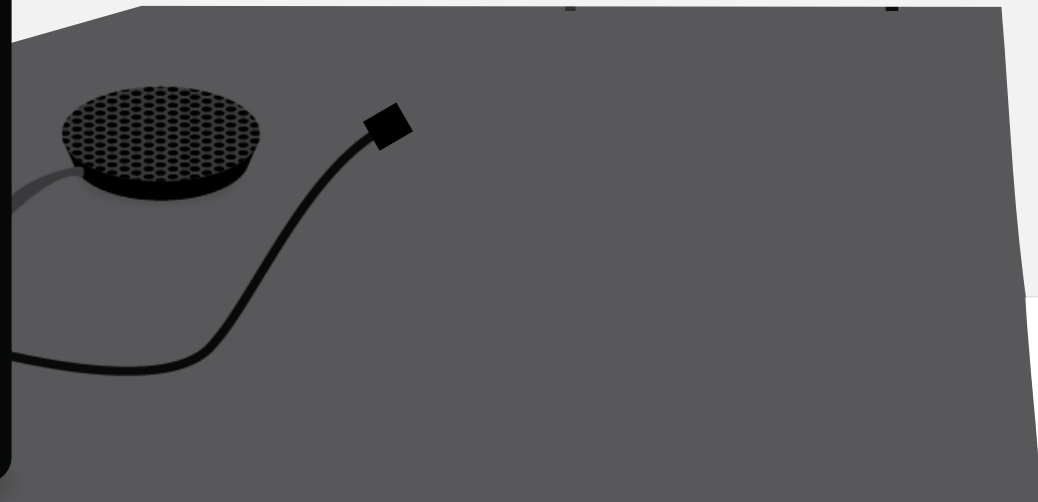
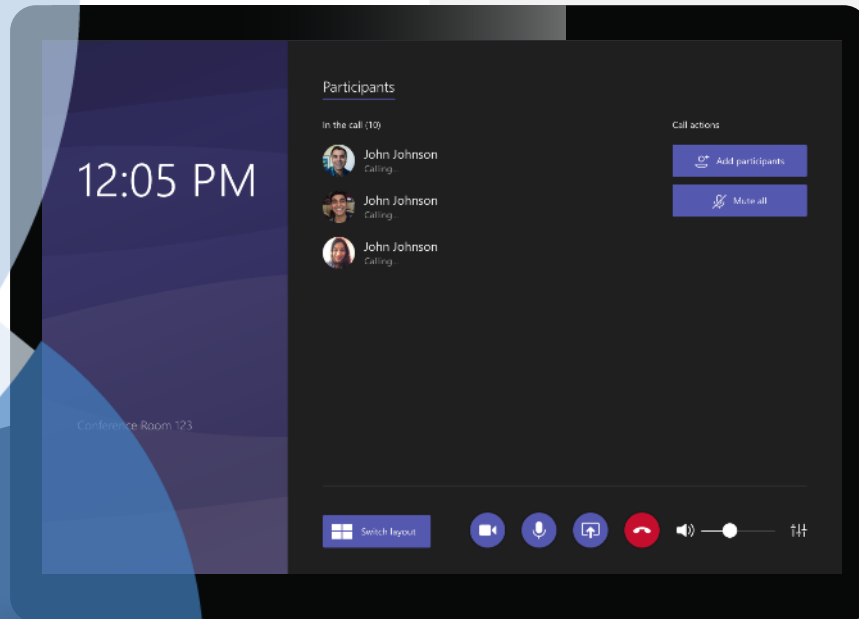
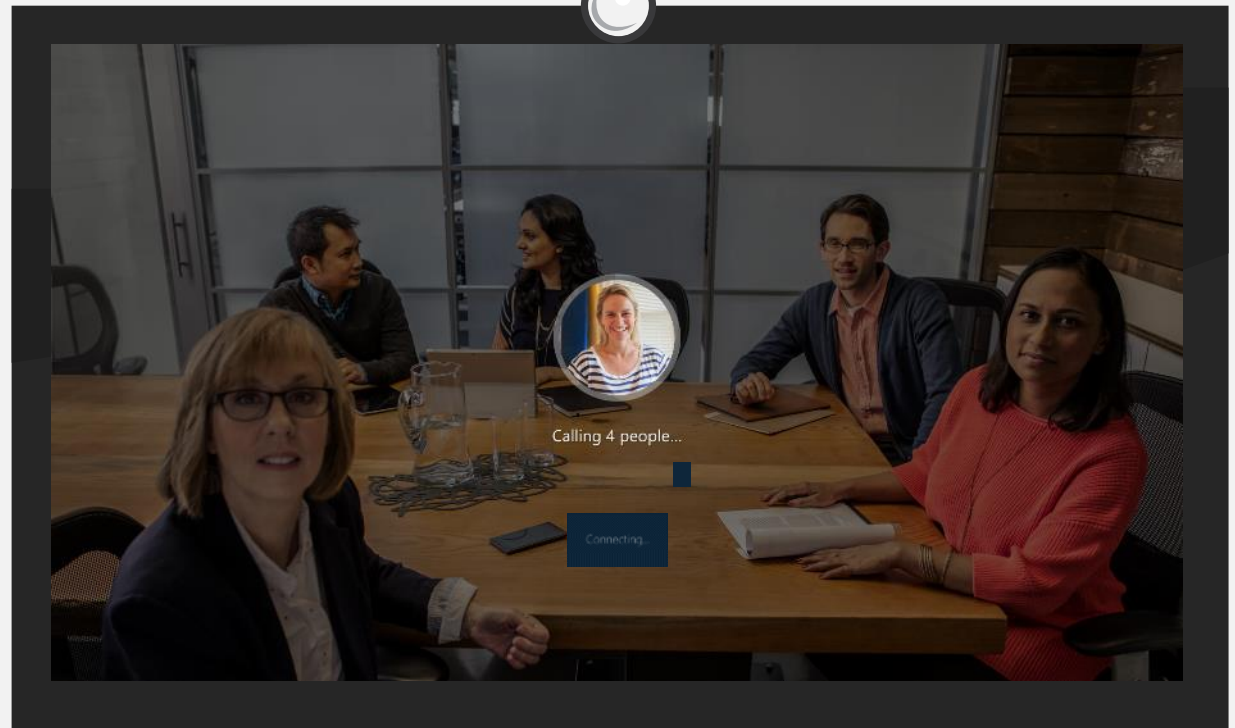
Dean adds one last invitee.



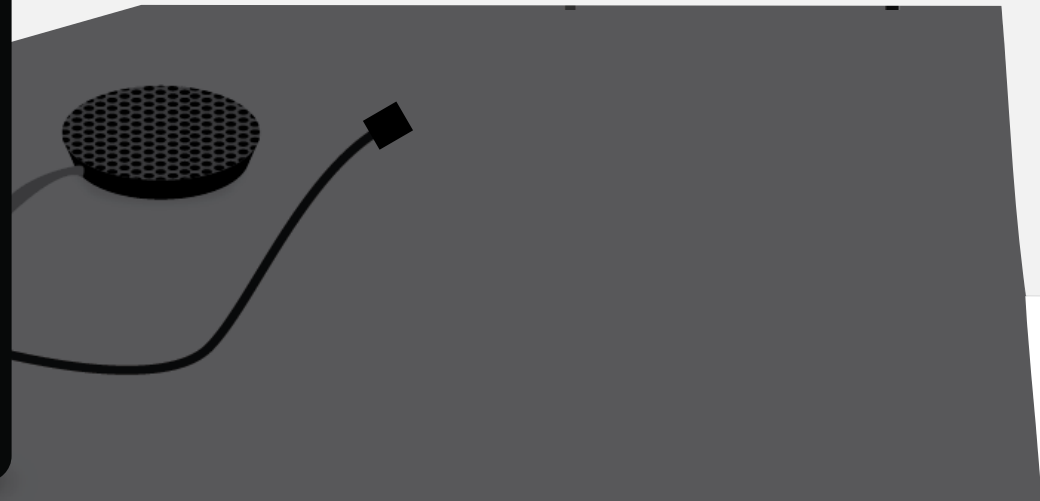
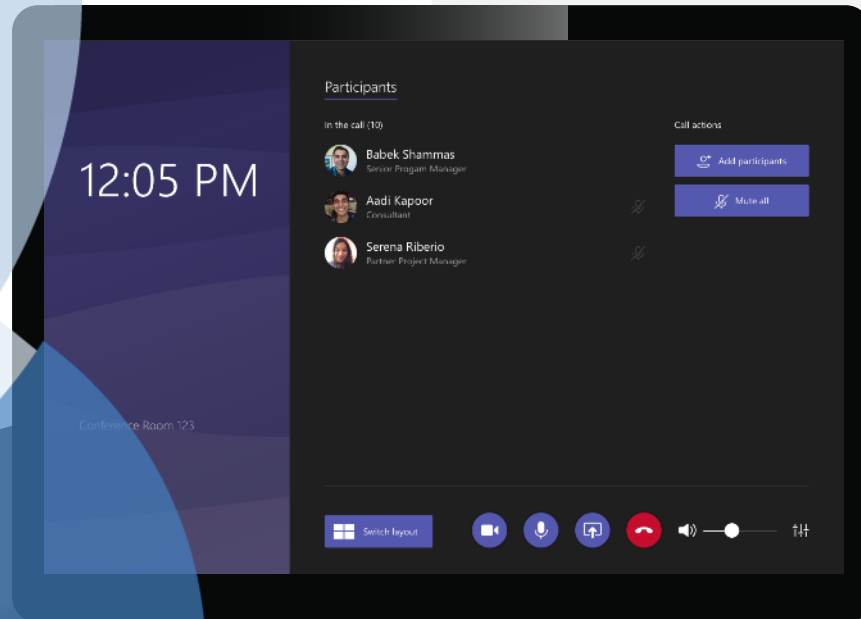
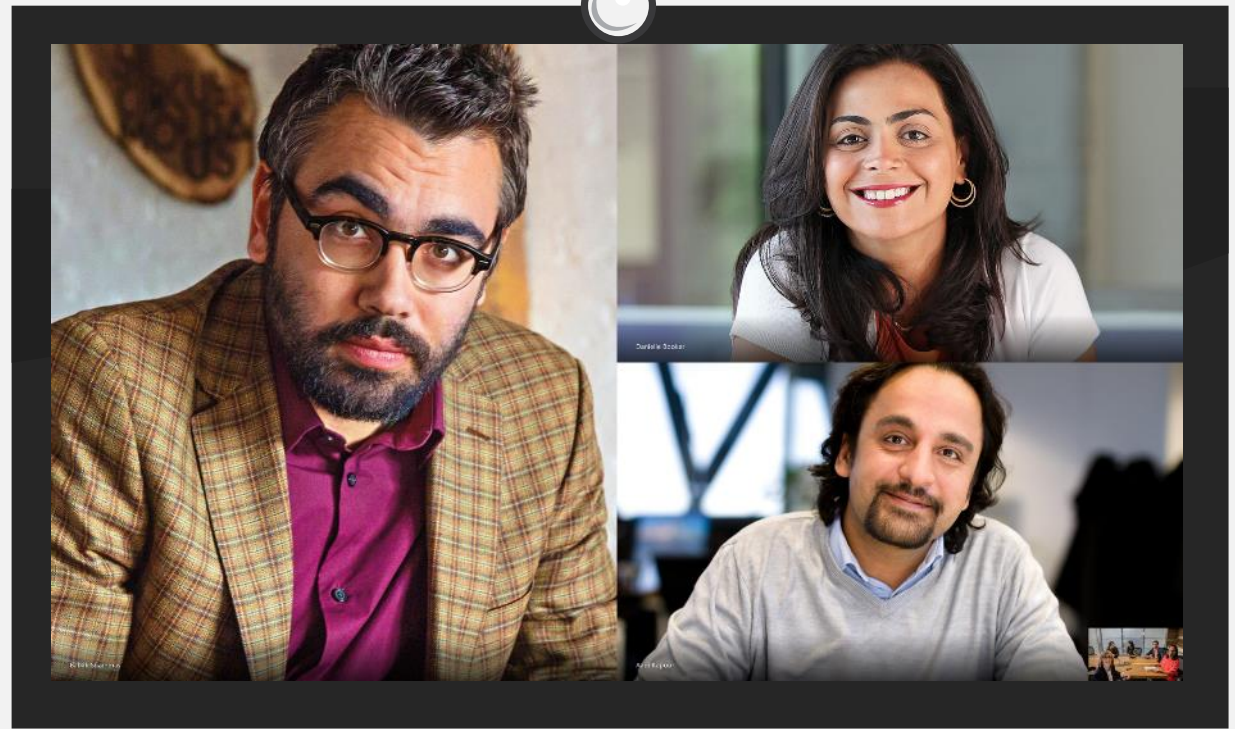
...and invites them all into the new Skype or Teams Meeting.



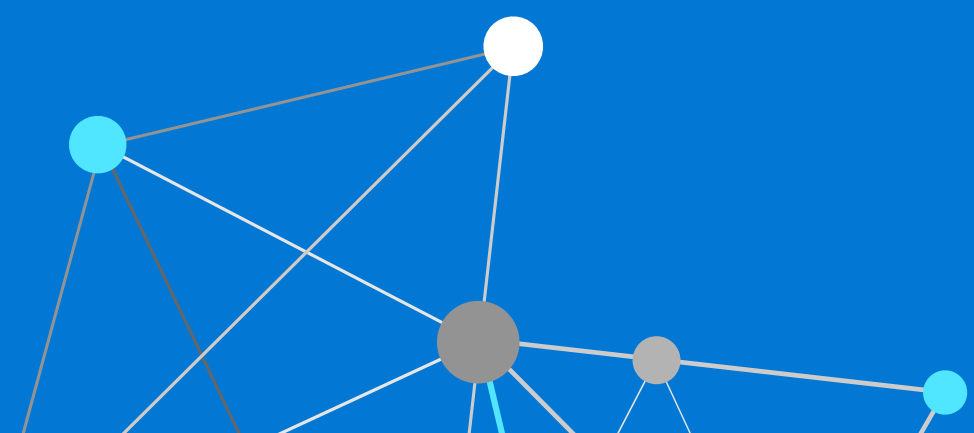
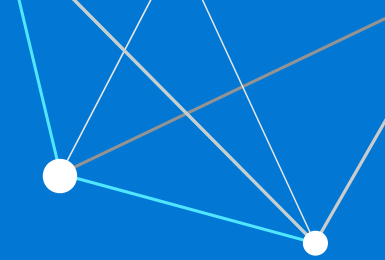
The call starts and Dean waits for his coworkers to connect.



Once connected the optimal video gallery layout is automatically selected.

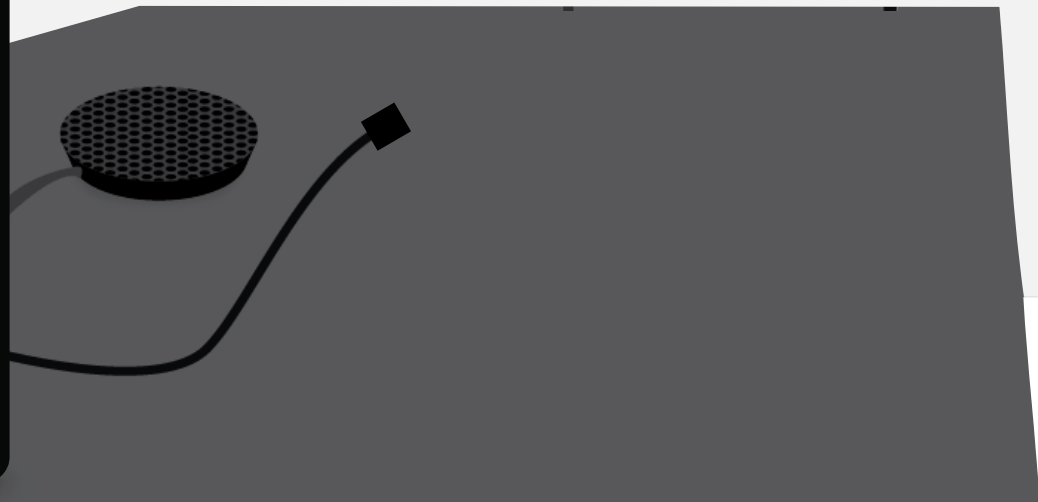
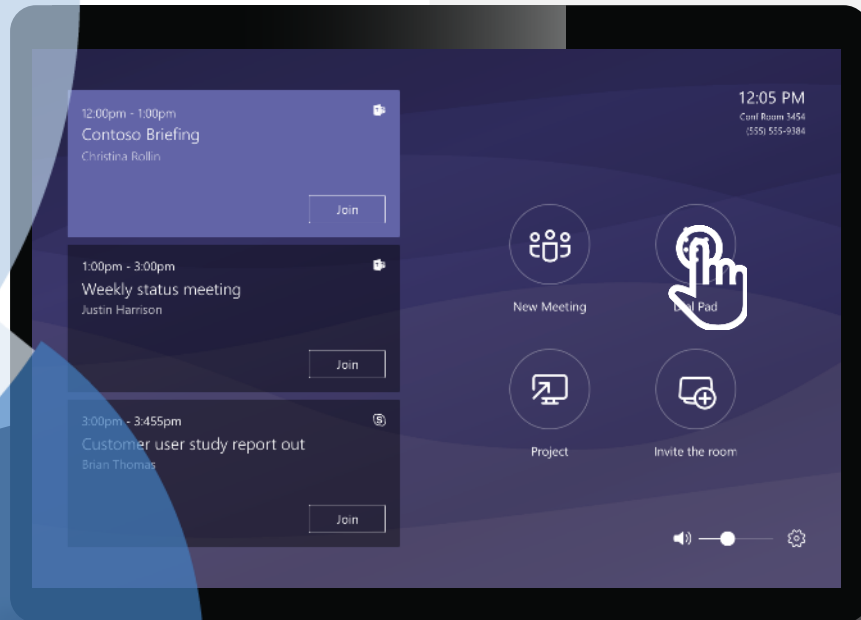
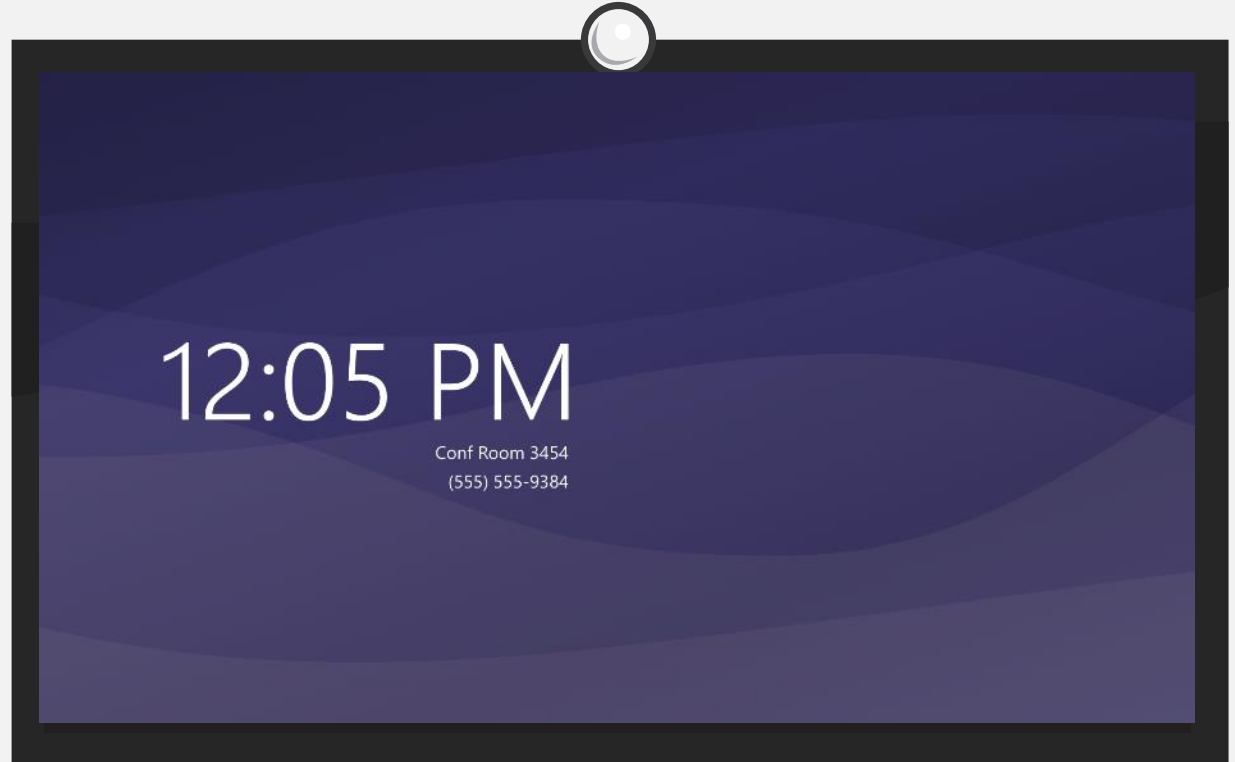


Make a phone call

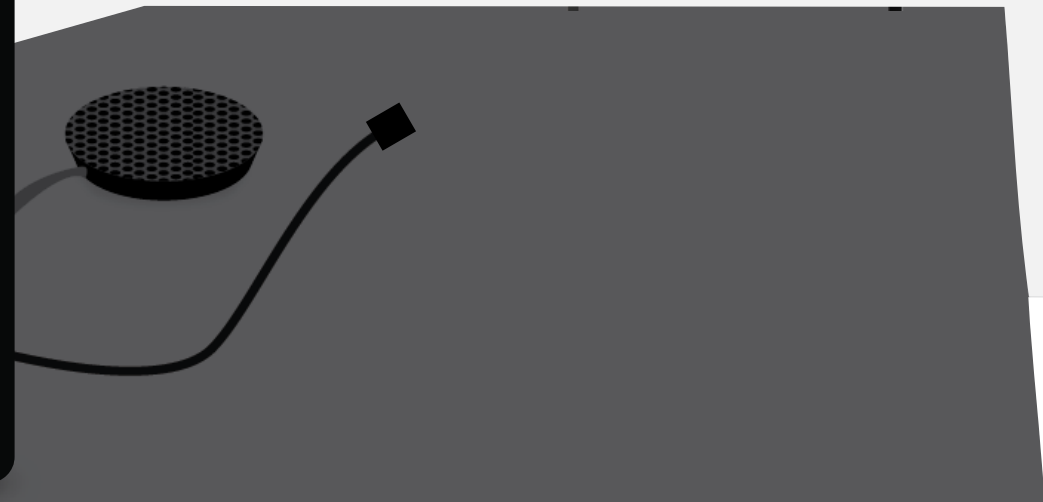
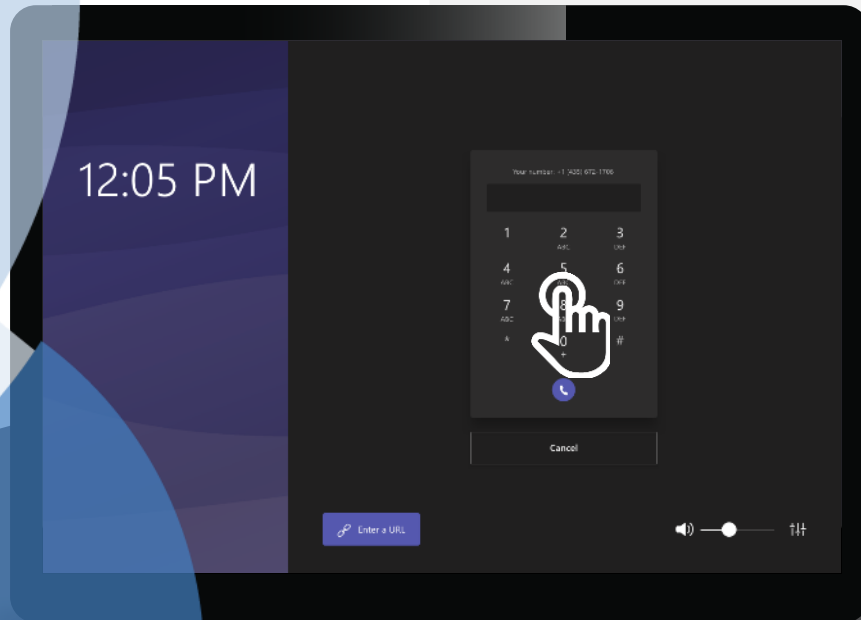
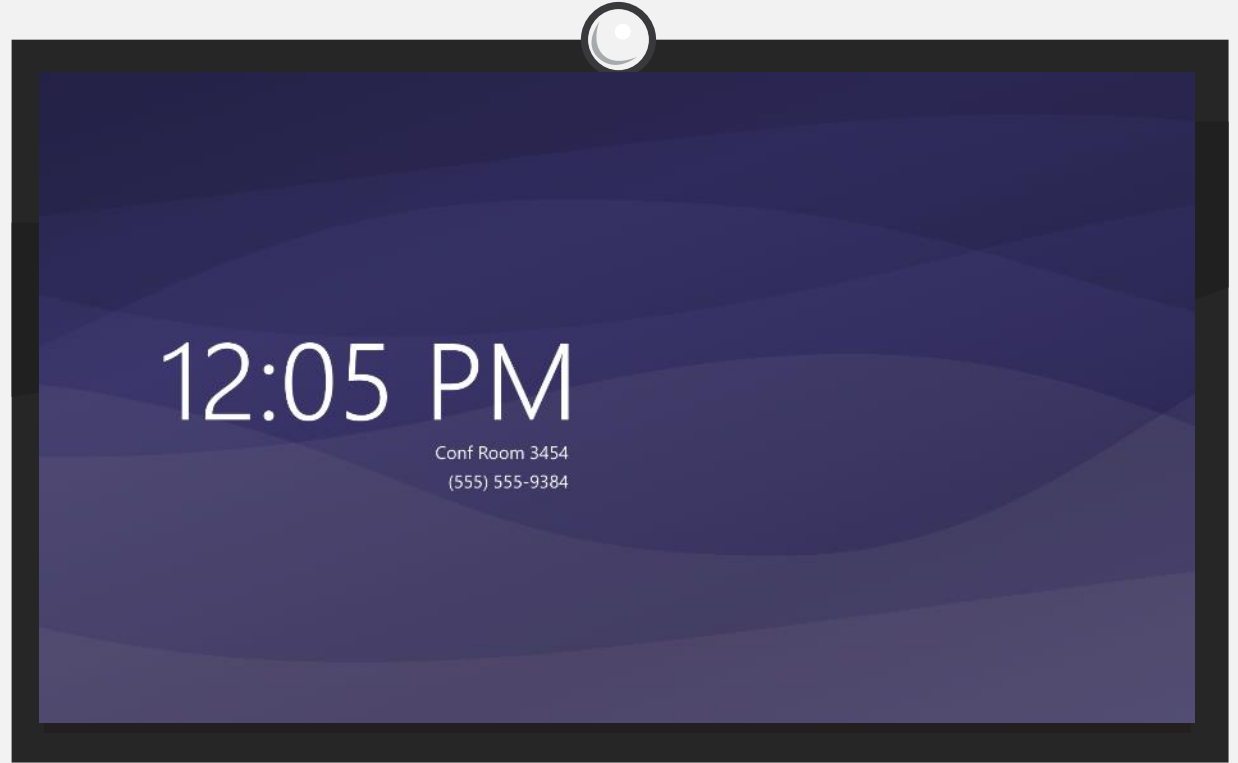


Dean wants to call into a conference bridge.

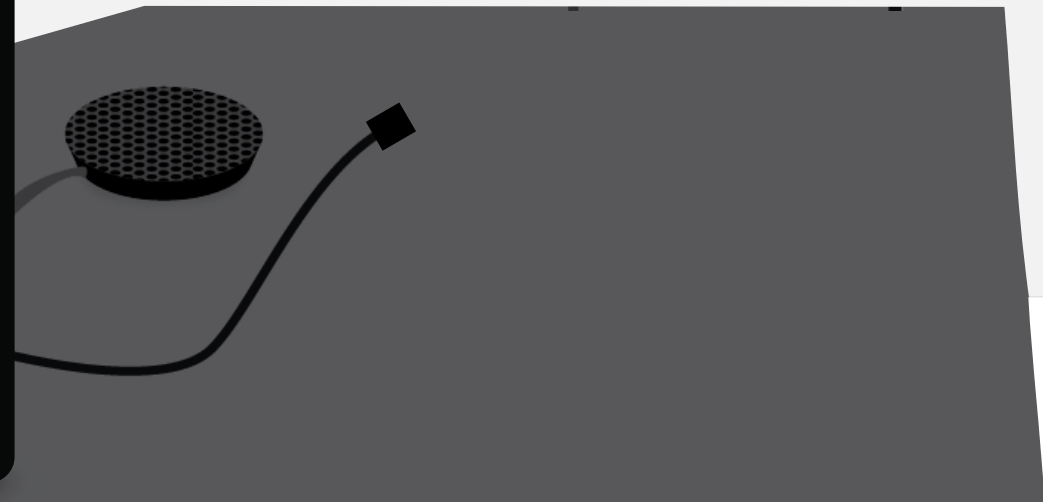
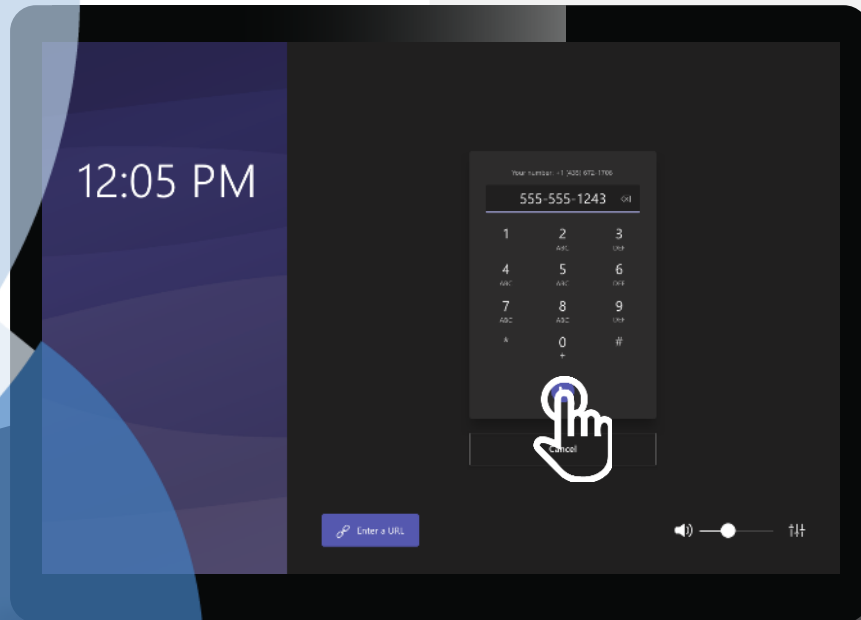
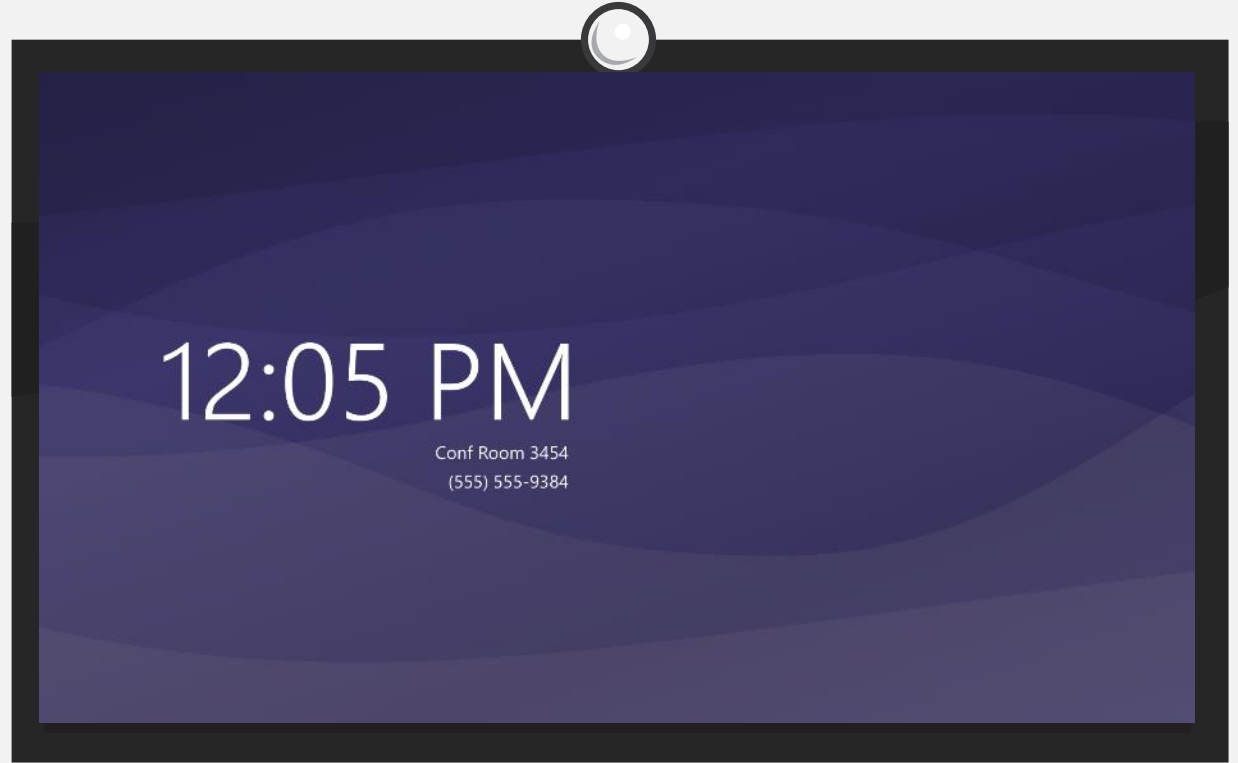
Walking up to the console, he taps the "Dial Pad" button.



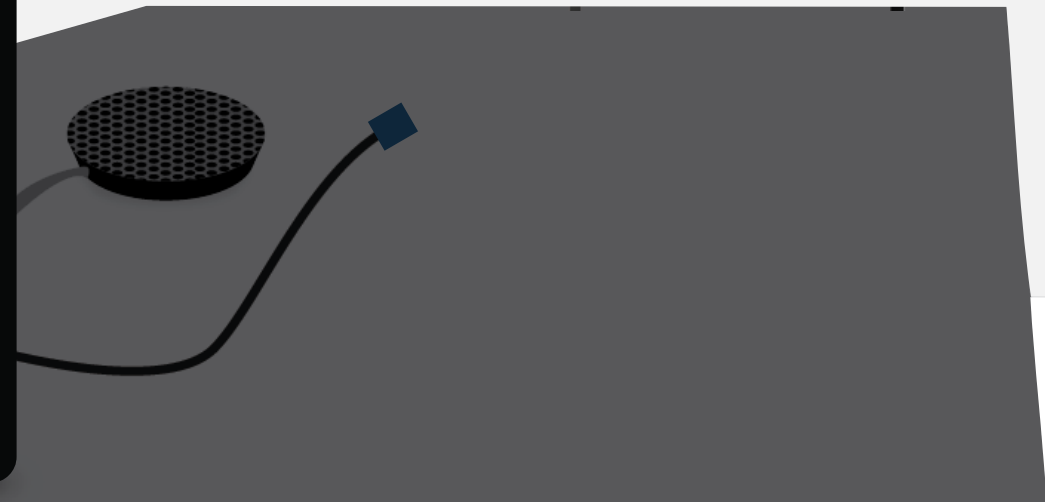
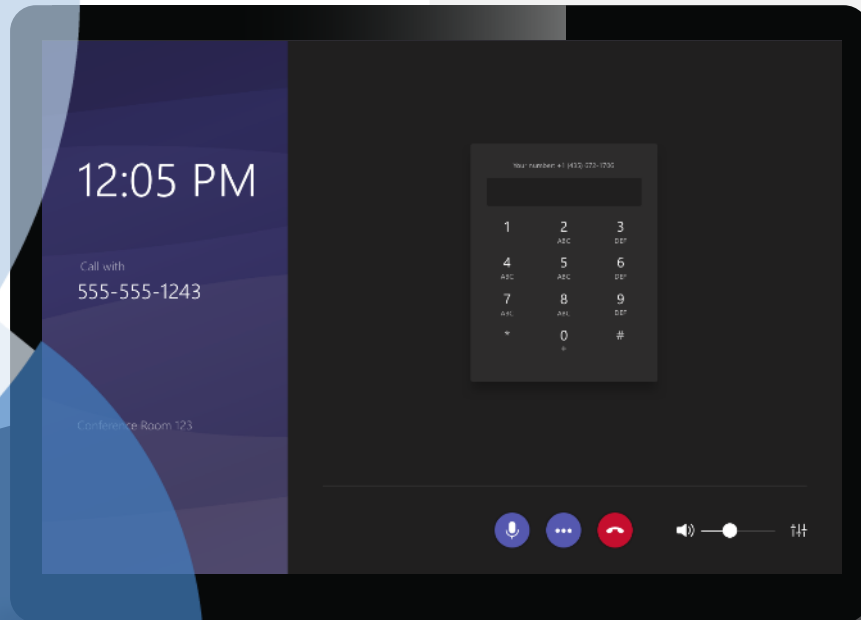
Dean dials
the phone number...



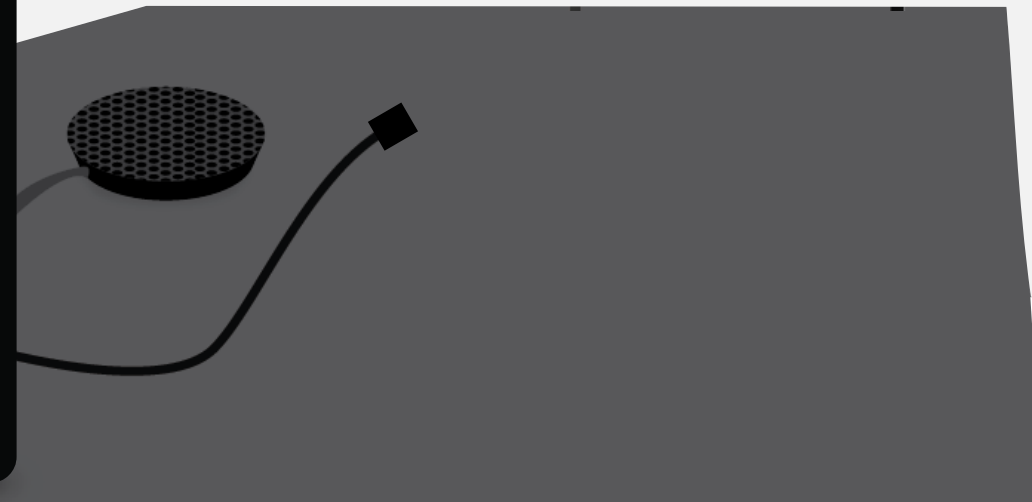
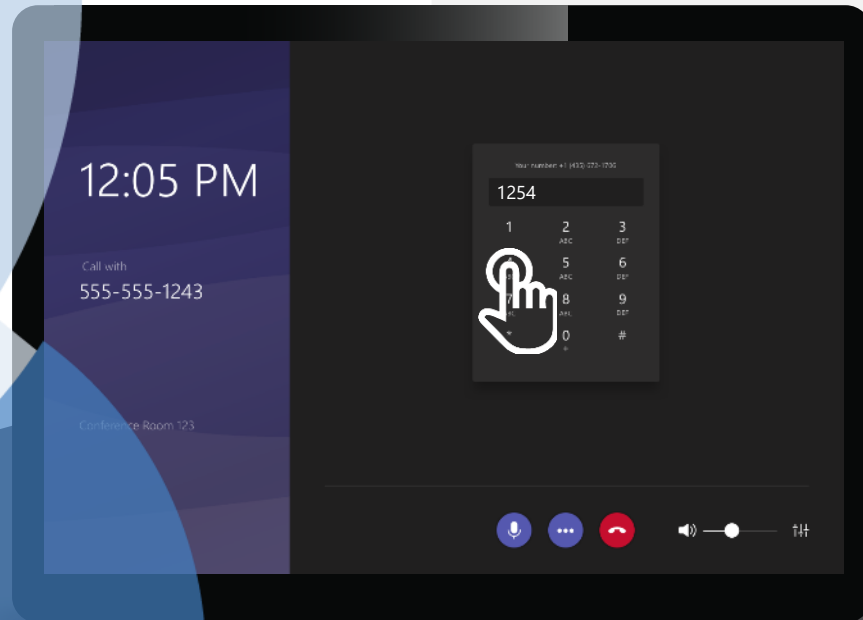
...then hits the call button.



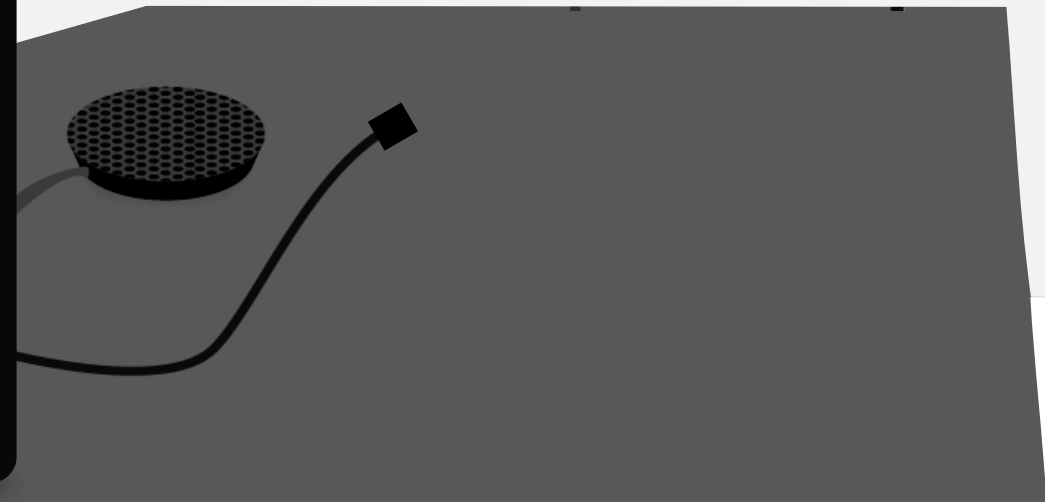
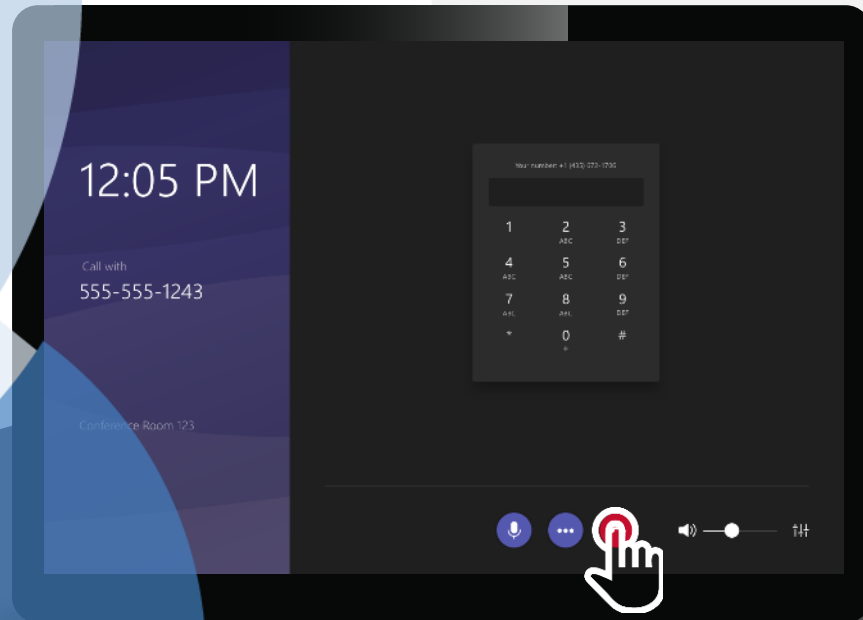
...waits for it
to connect...



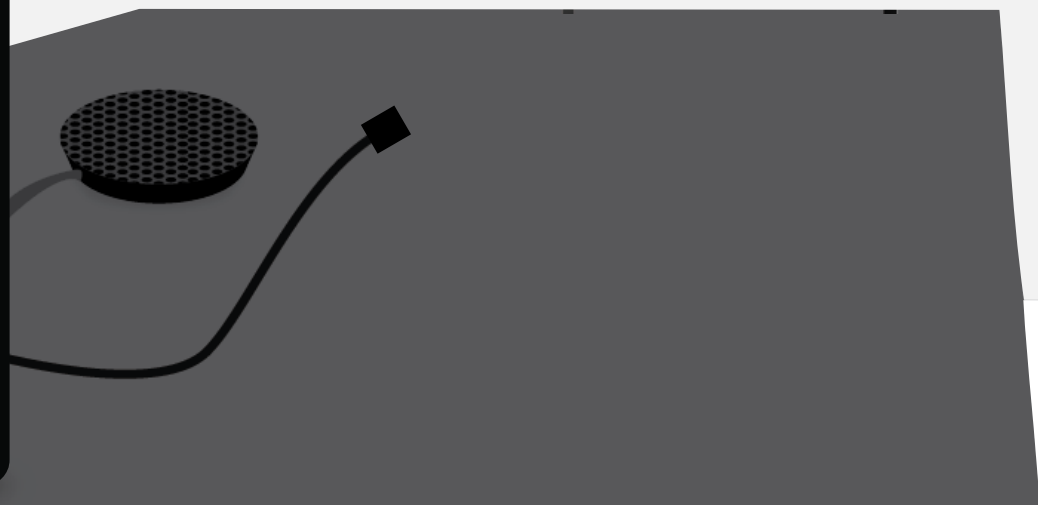
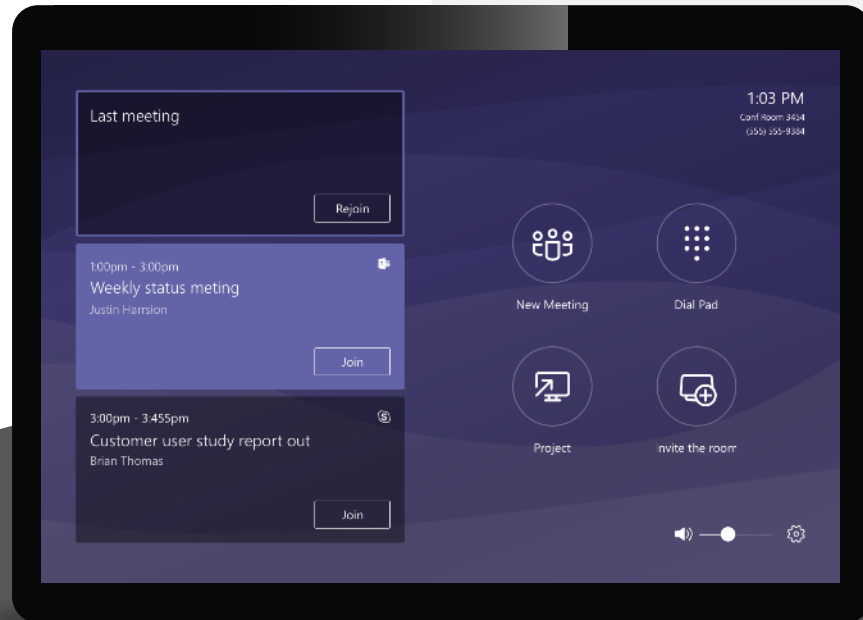
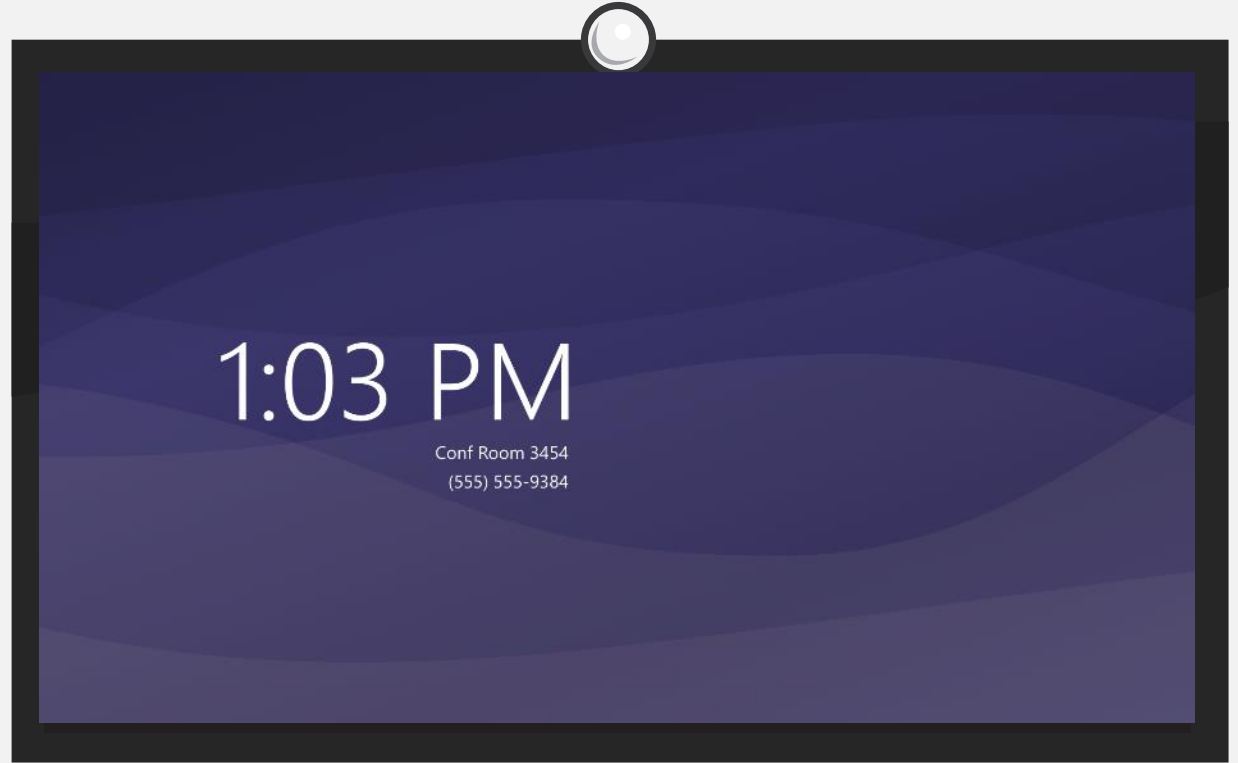
Once connected, Dean enters in the DTMF codes needed to join his meeting, and he's in.



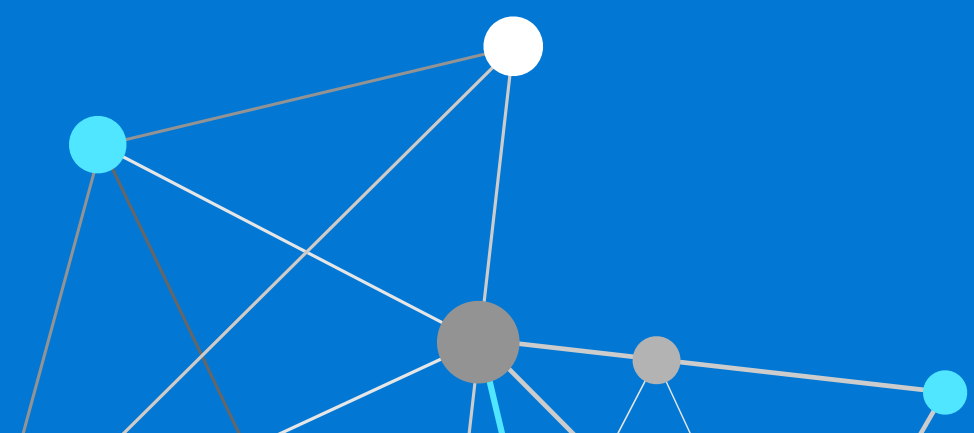
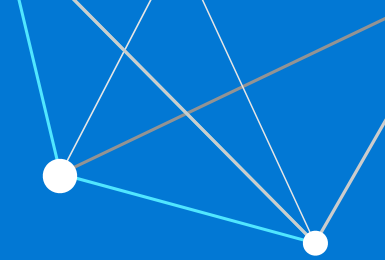
When he is ready to end his call he hits the hang up button.

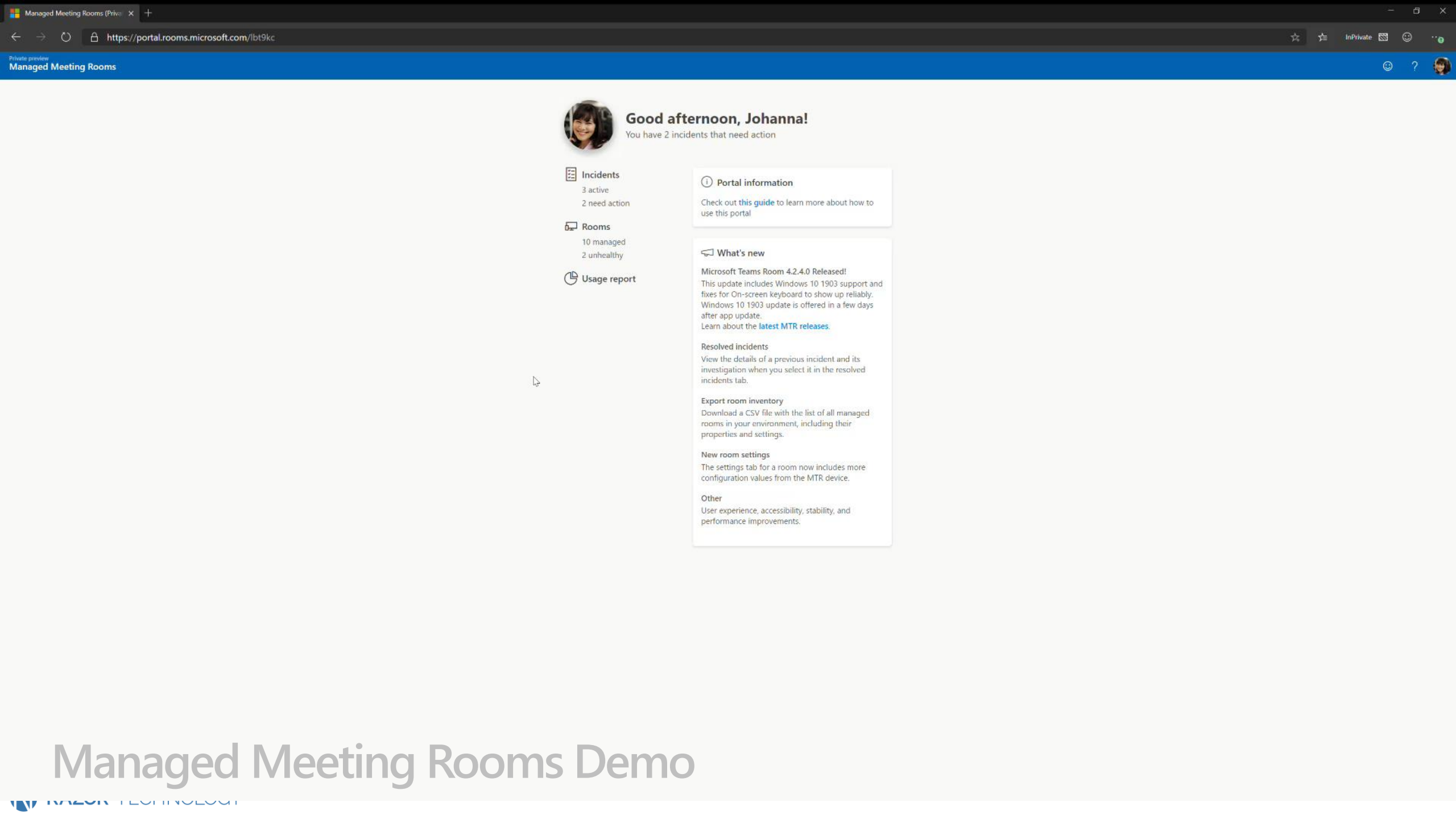


Dean exits the room.



Managed Meeting Rooms Demo





Good afternoon, Johanna!

You have 2 incidents that need action

- Incidents**
3 active
2 need action
- Rooms**
10 managed
2 unhealthy
- Usage report**

Portal information

Check out [this guide](#) to learn more about how to use this portal

What's new

Microsoft Teams Room 4.2.4.0 Released!
This update includes Windows 10 1903 support and fixes for On-screen keyboard to show up reliably. Windows 10 1903 update is offered in a few days after app update. Learn about the [latest MTR releases](#).

Resolved incidents
View the details of a previous incident and its investigation when you select it in the resolved incidents tab.

Export room inventory
Download a CSV file with the list of all managed rooms in your environment, including their properties and settings.

New room settings
The settings tab for a room now includes more configuration values from the MTR device.

Other
User experience, accessibility, stability, and performance improvements.

Managed Meeting Rooms Demo



Good morning, Johanna!

You have 1 incident that needs action



Incidents

3 active

1 needs action



Rooms

10 managed

2 unhealthy



Usage report



Portal information

Check out [this guide](#) to learn more about how to use this portal



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- Home
- Incidents
- Rooms
- Usage

Rooms

Review the state of all your rooms

Export inventory

10
MANAGED

7
HEALTHY

2
UNHEALTHY

0
DISCONNECTED

Room	Status
Costa Rica (8)0 costaricamtr costaricaconf	Unhealthy Needs action
Arabica Conf Room (6) arabica-mtr arabicacfrm	Unhealthy
Guatemala (6) guatemala guatemalamtr	Healthy With warnings
Robusta Focus Room (4) robusta-mtr robustacr	Healthy
Liberica East Bulding (8) liberica-mtr libericaRA	Healthy
Excelsa Boardroom (12) excelsaboard excelsaboardRm	Healthy
Peru Focus (4) peru-mtr perurm	Healthy
Colombia (6) colombiamtr colombiamtr	Healthy
Kenya Media Room (14) kenyamedia kenyamedia	Healthy
Conf Room Ignite Keynote (5) IGNITE-MTR2 cfw225	Disconnected Suppressed

Costa Rica (8)

costaricamtr | costaricaconf@FourthCoffee.com

Status **Settings** Activity

Hardware

Cameras	Yealink MShare Screen Capture, Yealink UVC80 Camera
Conference microphone (actual)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)
Conference speaker (actual)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)
Default speaker (actual)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)

Make

Model

Sensors Yealink MTouch Headset Audio

Serial number DW1754662250258

Device settings

Agent version	4.3.2019091202
Last agent activity	Tuesday, September 17, 2019 1:39 PM - PST
IP address	10.135.86.117
OS version	10.0.17134.1006

App settings

Configured feedback address	rigelDFFB@microsoft.com
Allow send feedback logs	On
App version	4.1.30.0
Auto screen sharing	On
Bluetooth advertisement	On
Conference microphone (configured)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)
Conference speaker (configured)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)
Default meetings client	Microsoft Teams
Default speaker (configured)	Echo Cancelling Speakerphone (3- Yealink UVC80 Audio)
Content camera	On
Content camera Id	
Content camera inverted	Off
Number of front of room displays	1
Hide meeting names	Off

Overview of your rooms

Comprehensive health signals

Room context

Home

Incidents

Rooms

Usage

Incidents

Review incidents affecting your rooms

3
ACTIVE3 TYPES OF
INCIDENTS1 NEEDS
ACTION

Active Resolved

Problem	Severity	Room	Support ticket	Status	Active since
Camera	Important	costaricamtr	LBT9KC-RL7Q9S	Needs action	1 day ago
Sign in (Teams)	Important	arabica-mtr	LBT9KC-JUVKQN	Needs action	1 day ago
BIOS version	Warning	guatemala	LBT9KC-YHOP3P	Assigned to Microsoft	1 day ago

Incidents if it needs your action, with guidance

Manages updates to known good state

Helps with deep expertise

Guatemala (6)

guatemala | guatemalamtr

Status Settings Activity

This room is online with all signals enabled and active

Turn all signals off

Important

- Camera ✓
- Conference microphone ✓
- Conference speaker ✓
- Connectivity ✓
- Display ✓
- HDMI ingest ✓
- Proximity sensor ✓
- Sign in (Exchange) ✓
- Sign in (Skype for Business) ✓
- Sign in (Teams) ✗

Warnings

- App version ✓
- BIOS version ✓
- Default speaker ✓
- Network ✓
- OS version ✓

Microsoft Teams sign in error

Status History

✗ This signal is active but unhealthy Turn off

Incident

Severity Important

Active since Monday, November 18, 2019 10:16 AM - PST

Investigation

Ticket LBT9KC-JUVKQN

Status Needs action

Messages

- November 18, 2019 10:16 AM
We've reviewed the authentication configuration on the account 'arabicafrm@fourthcoffee.com'. A prompted multi-factor authentication policy is preventing sign-in for Teams. An MFA enabled account on a Teams room is an unsupported configuration, please see aka.ms/O365MFASetup to disable MFA and resolve the issue.

Usage report

Here's how your rooms were used in the last work week

10
ROOMS

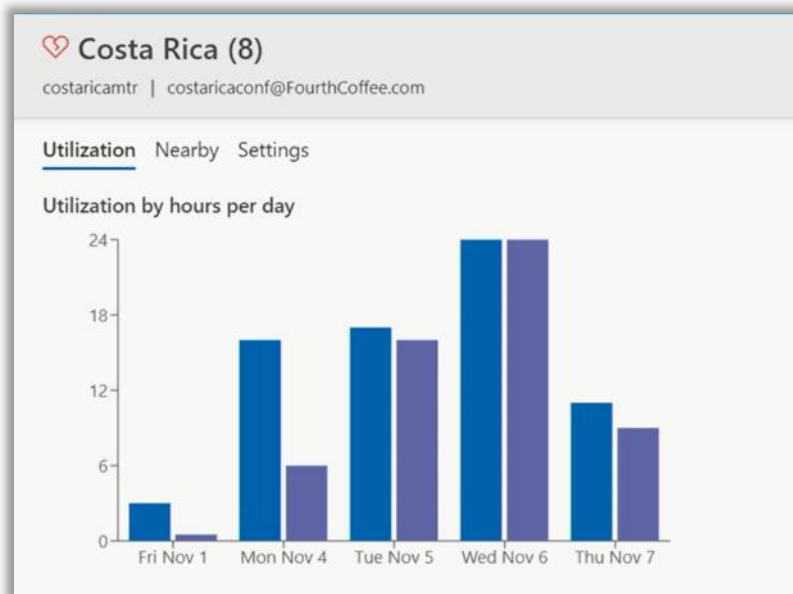
0
UNUSED ROOMS

74%
UTILIZATION

213
BOOKED MEETINGS

60%
ONLINE MEETINGS

Room	Utilization	Percentage online	Meetings
Costa Rica (8) costaricamtr costaricaconf			45
Excelsa Boardroom (12) excelsaboard excelsaboardRm			18
Arabica Conf Room (6) arabica-mtr arabicacfrm			26
Peru Focus (4) peru-mtr perurm			26
Conf Room Ignite Keynote (5) IGNITE-MTR2 cfw225			23
Robusta Focus Room (4) robusta-mtr robustacr			23
Colombia (6) colombiamtr colombiamtr			20
Guatemala (6) guatemala guatemalamtr			20



Demo resources

Microsoft Teams Rooms announcement and video



Announcement (blog post)

aka.ms/MicrosoftTeamsRooms

Interactive Demo

aka.ms/MicrosoftTeamsRoomsDemo

Video (direct link)

aka.ms/MicrosoftTeamsRoomsVideo

Microsoft Device Showcase

aka.ms/TeamsDevices



RAZOR TECHNOLOGY



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[Slideshare](#)

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