

Организация ВКС для переговорных комнат

Александр Моргун
менеджер по развитию бизнеса
МУК

Какие бывают типы рабочего пространства?



On the go

Ваше портативное рабочее место, где бы вы ни находились



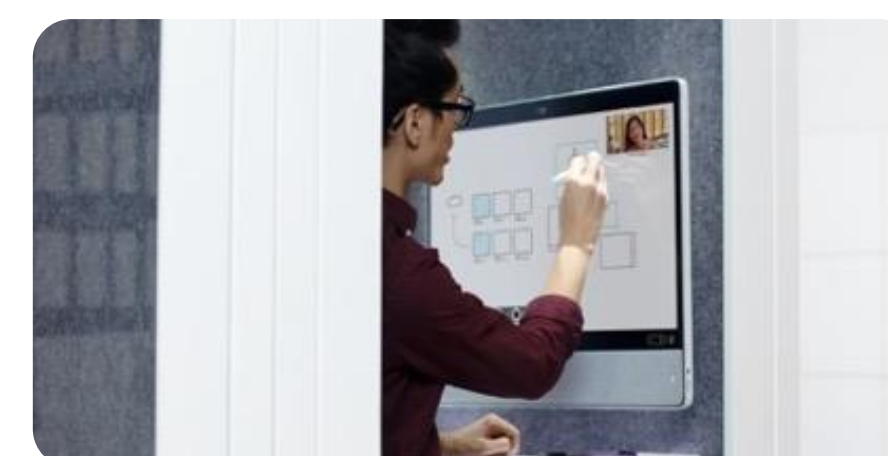
Home offices

Выделенные и общие пространства



Hot desks

Переосмысление распределения офисных столов



Shared spaces

Фокус-комнаты и переговорные комнаты



Meeting rooms

Малые и средние конференц-залы



Ideation spaces

Совместное творчество лично и виртуально



Conference rooms

Большие конференц-залы и залы заседаний

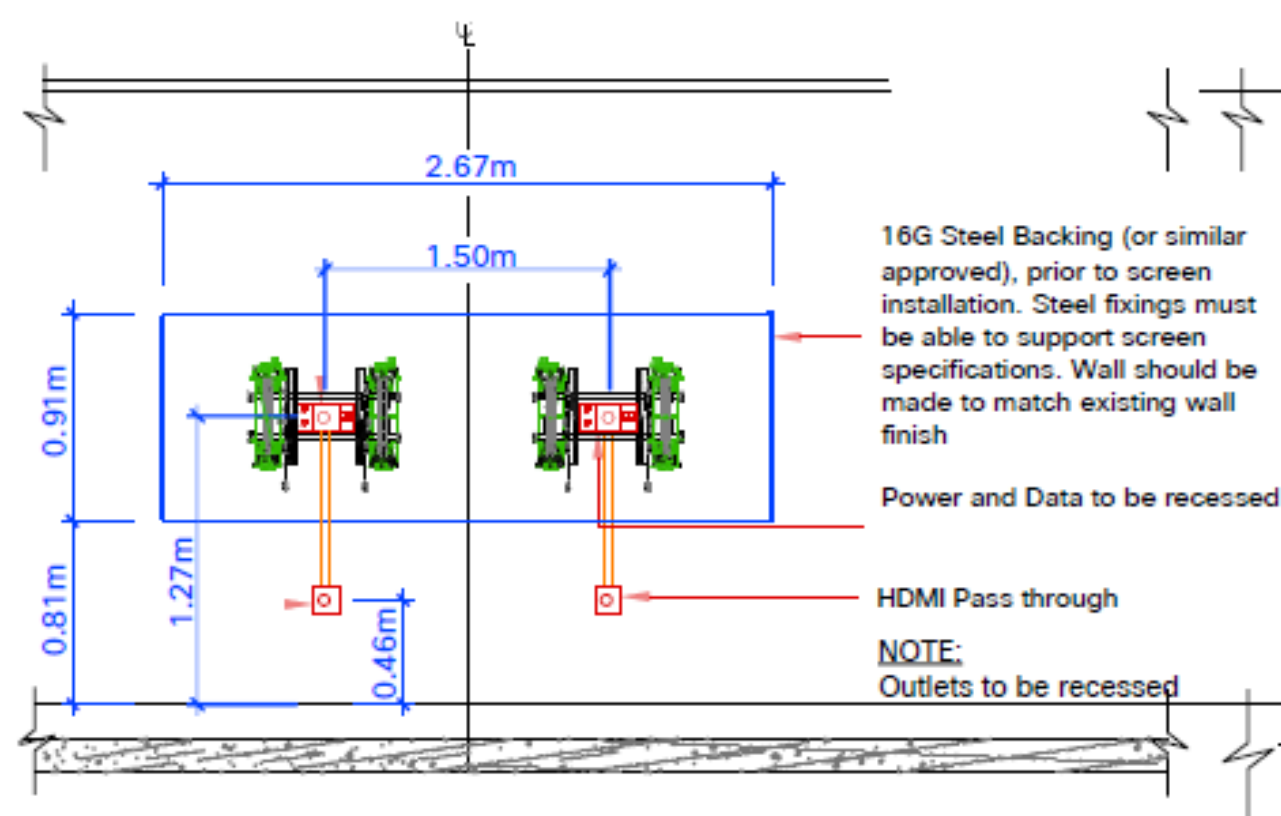


Learning spaces

Тренинги, классы и аудитории

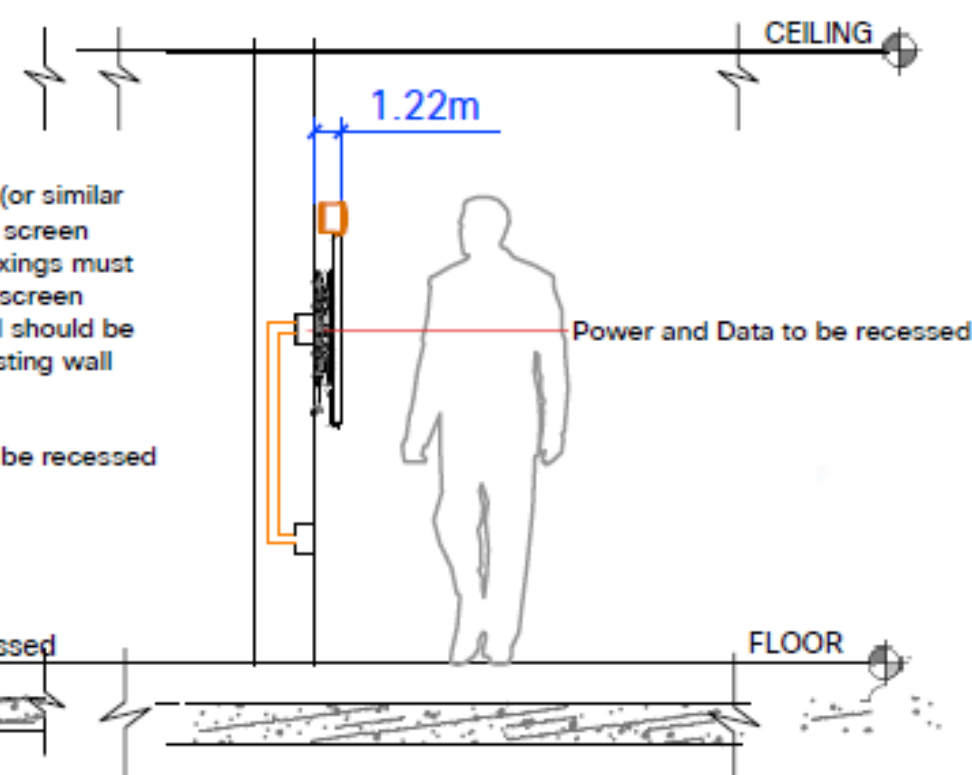
Как правильно спроектировать рабочее пространство?

Conduit Elevation

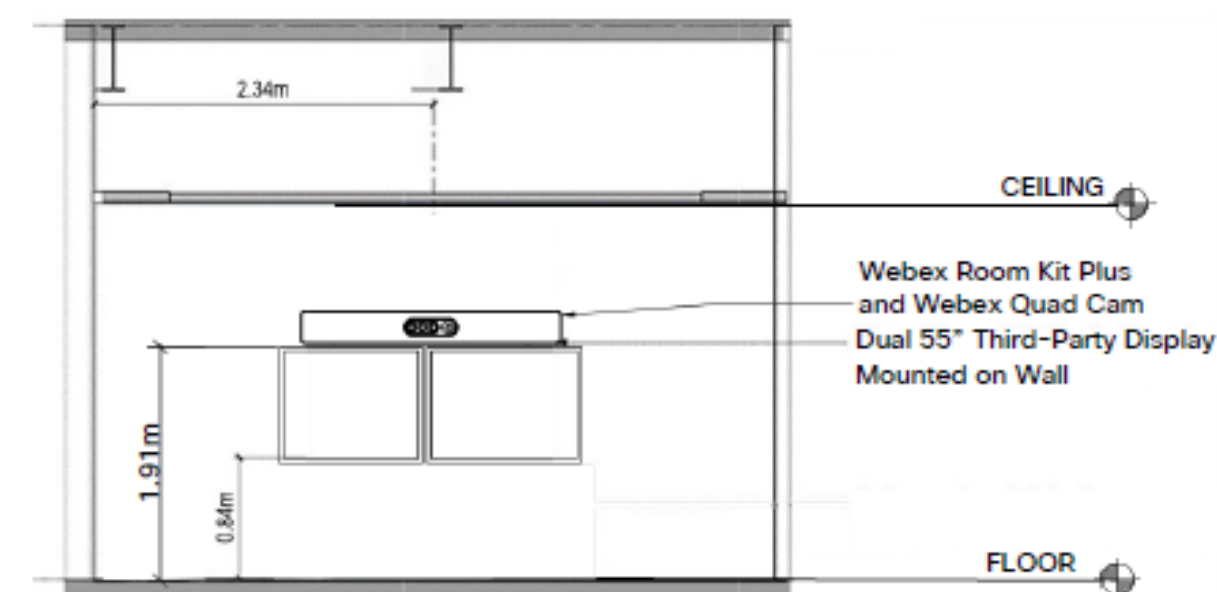


NOTE:
Location of gang boxes (or close to inside wall) dependant on mount design used. Outlets shall be positioned to be hidden from view

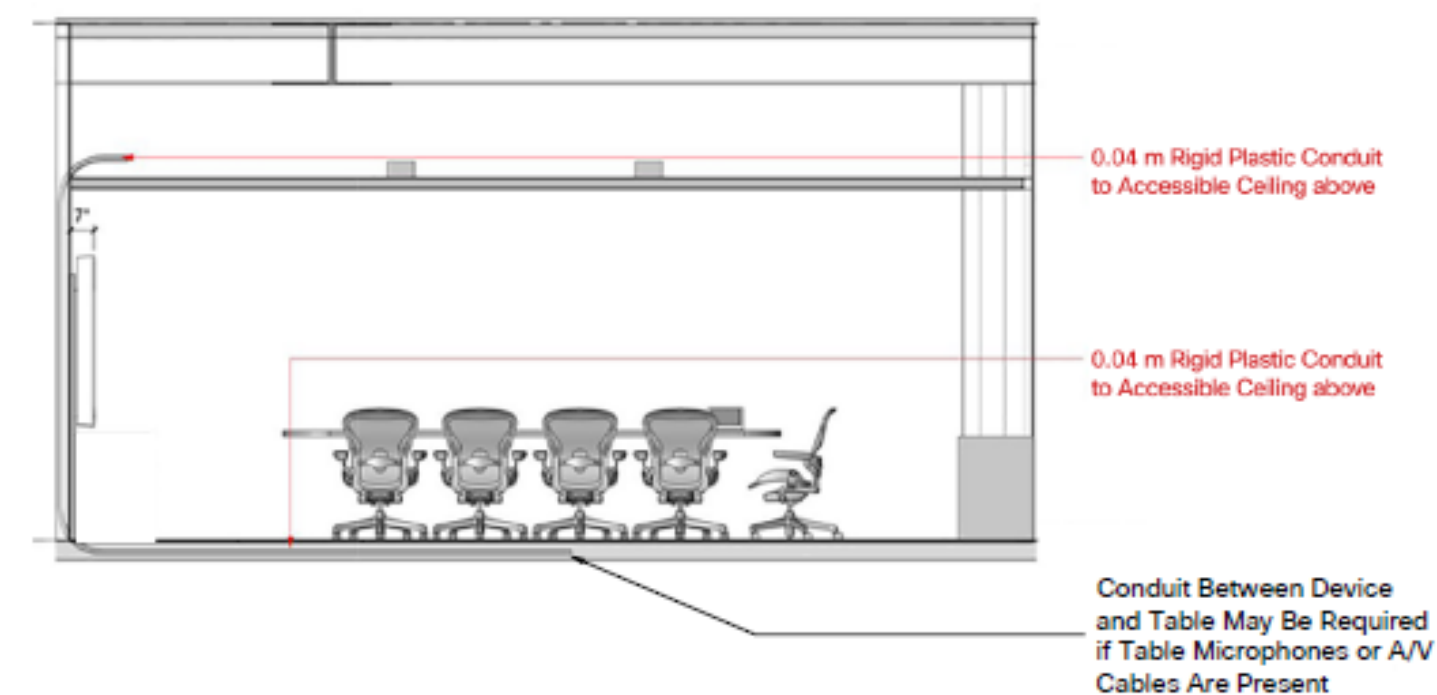
Side Elevation



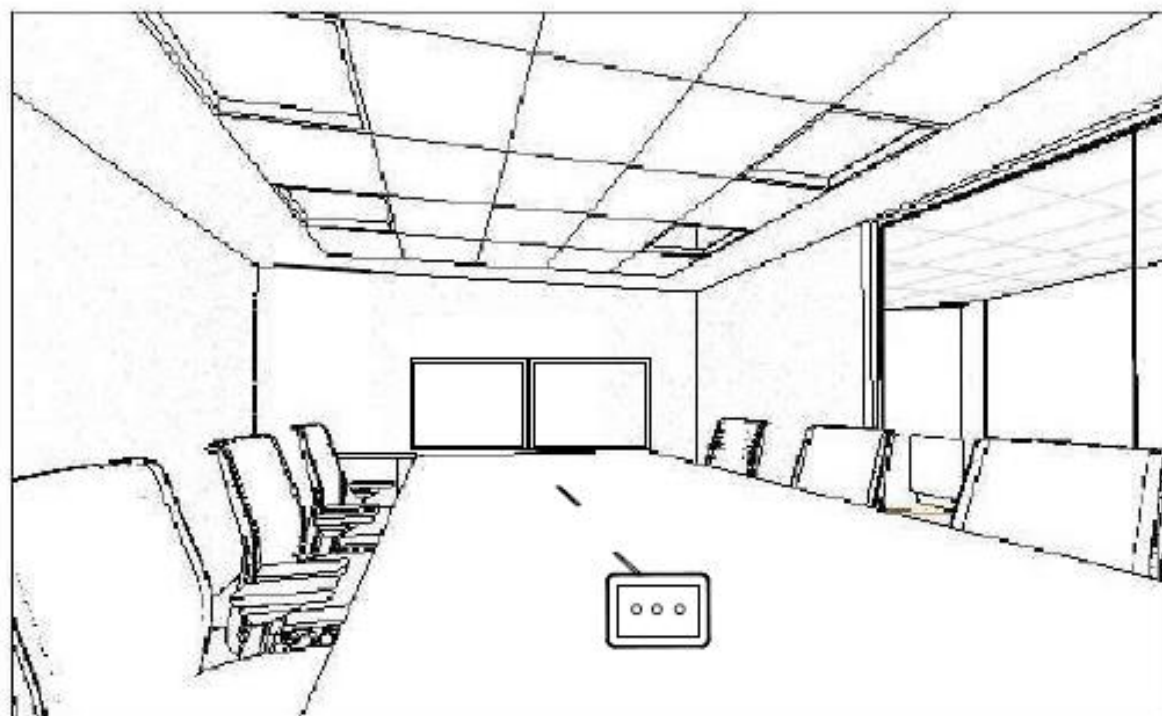
Front Elevation



Side Elevation



Какое выбрать оборудование?



Perspective View



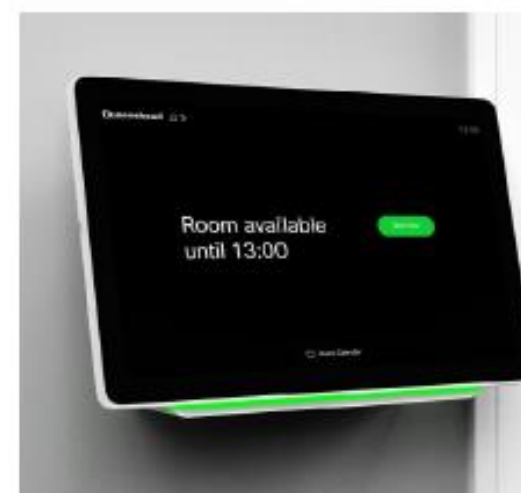
Dual 55" displays
Samsung/LG



Webex Room Kit Plus
and Webex Quad
Cam



Cisco Table
Microphones (x2)



Webex Room Navigator
Wall-mount version

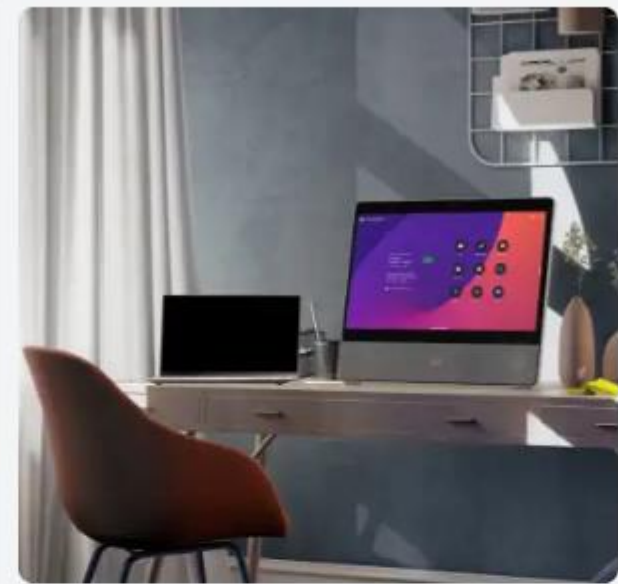
Webex Room Navigator
Table-stand version



Cisco Project Workplace - Workplaces

Cisco Workspaces

Browse some of our workspaces to see what setup best matches your needs.
Choose a room to get started.



Personal Offices

👤 1 person
A great setup for one person in a small room.
[Learn More →](#)



Meeting Rooms

👤 4-20 people
Gather the team together in an everyday workspace and bring in remote participants.
[Learn More →](#)



Huddle Spaces

👤 1-5 people
Huddle Spaces are great setups for small teams in small to medium spaces.
[Learn More →](#)



Cisco Project Workplace - Devices

Cisco Devices

Video conferencing and collaboration devices for effortless new ways to connect with your team, share your ideas, and express yourself. Browse products by category and find your perfect design.



Desk Series

Keep your colleagues close when working remotely with high-quality, face-to-face collaboration.

[Learn More →](#)



New

Board Series

Discover the all-in-one device for wireless presentations, whiteboarding, and team collaboration.

[Learn More →](#)



IP Phones

The features you want with security you trust. Productivity is calling.

[Learn More →](#)



Accessories

All the peripherals to enhance your Cisco setup.

[Learn More →](#)



New

Cameras

The Cisco camera portfolio is designed to work in any meeting space with optimized video experience.

[Learn More →](#)



Cisco Project Workplace - Solutions



Use Cases

Return to the office

Webex Experience

Different meetings and
calling services

Hybrid Work for
Government



Capabilities

Webex Audio

Webex Hologram

Personal Offices

A personal setup where you can work by yourself, while being connected to the world via Webex.

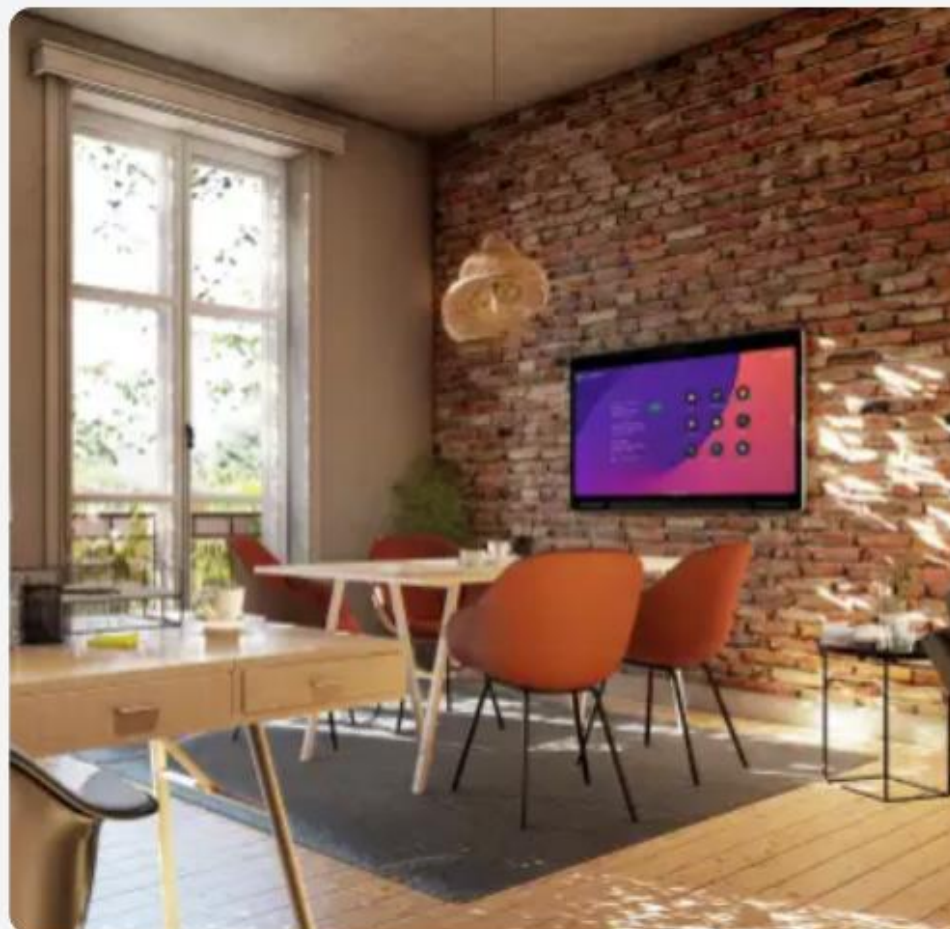


Small

👤 1 person 📏 4-10m² / 45-110ft²

A great setup for one person in a small room.

[Learn More →](#)



Medium

👤 1-6 people 📏 8-30m² / 85-325ft²

A personal room with space for hosting others too.

[Learn More →](#)

Desk Mini

Desk

Buy this room

Ways to collaborate with the Cisco Desk Mini

Monitor Extension

Video meetings



Experience full HD video and crisp audio calls on any platform, including Webex, Microsoft Teams, Zoom and Google Meet.

Content sharing

Digital whiteboarding

Digital annotation

Digital signage

Web applications



Project
Workplace

Devices

Workspaces

Solutions ▾

Learn

Desk Mini


Desk

Buy this room

Ways to collaborate with the Cisco Desk

Monitor Extension

Video meetings

 Experience full HD video and crisp audio calls on any platform, including Webex, Microsoft Teams, Zoom and Google Meet.

Content sharing

Digital whiteboarding

Digital annotation

Digital signage

Web applications

Huddle Spaces

Big breakthroughs, small spaces. Check out products that cater to your specific needs, goals and huddle space sizes. Click a room size below to explore our offerings.



Medium

2-4 people 8-12m² / 85-130ft²

A great flexible setup for 2-4 people. Perfect for quick conversations and ad-hoc meetings.

[Learn More →](#)



Large

3-5 people 10-25m² / 110-270ft²

A great, flexible setup for 3-5 people in larger rooms. Perfect for quick conversations and ad-hoc meetings.

[Learn More →](#)



Open Huddle

2-4 people 4-12m² / 45-130ft²

Flexible workspace for ad-hoc meetings.

[Learn More →](#)



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Workspaces / **Huddle - Medium**

The room

Ways to collaborate

Products

Room Experience

Get in touch

Room Bar

Board Pro



Buy this room

Ways to collaborate with the Cisco Room Bar

Monitor extension



Extend your work to any flat screen display with single-cable USB passthrough.

Local collaboration

Video meetings

Content sharing

Digital signage



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Workspaces / **Huddle - Medium**

The room

Ways to collaborate

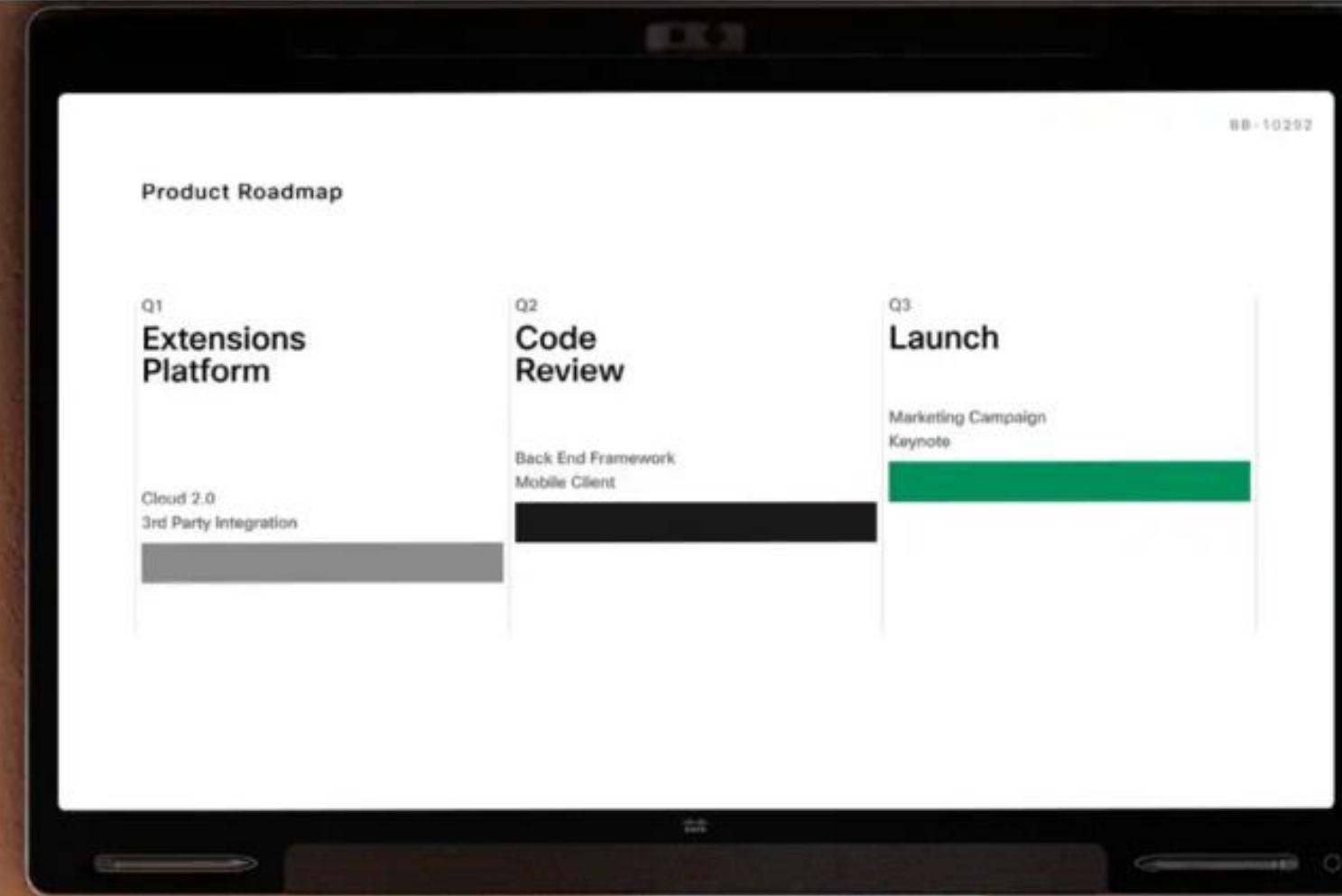
Products

Room Experience

Get in touch

Room Bar

Board Pro



Buy this room

Ways to collaborate with the Cisco Board Pro

Local collaboration



Collaborate and co-create with your local team on a responsive touch screen.

Video meetings

Content sharing

Digital whiteboarding

Digital signage



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Workspaces / **Huddle - Large**

The room

Ways to collaborate

Products

Get in touch



Buy this room

Ways to collaborate with Cisco Room Bar

Local collaboration

Video meetings

 Experience full HD video and crisp audio calls on any platform, including Webex, Microsoft Teams, Zoom and Google Meet.

Content sharing

Digital signage



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Workspaces / **Open Huddle**

The room

Ways to collaborate

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Get in touch

Ways to collaborate with Cisco Room Bar

Local collaboration

Video meetings

Content sharing

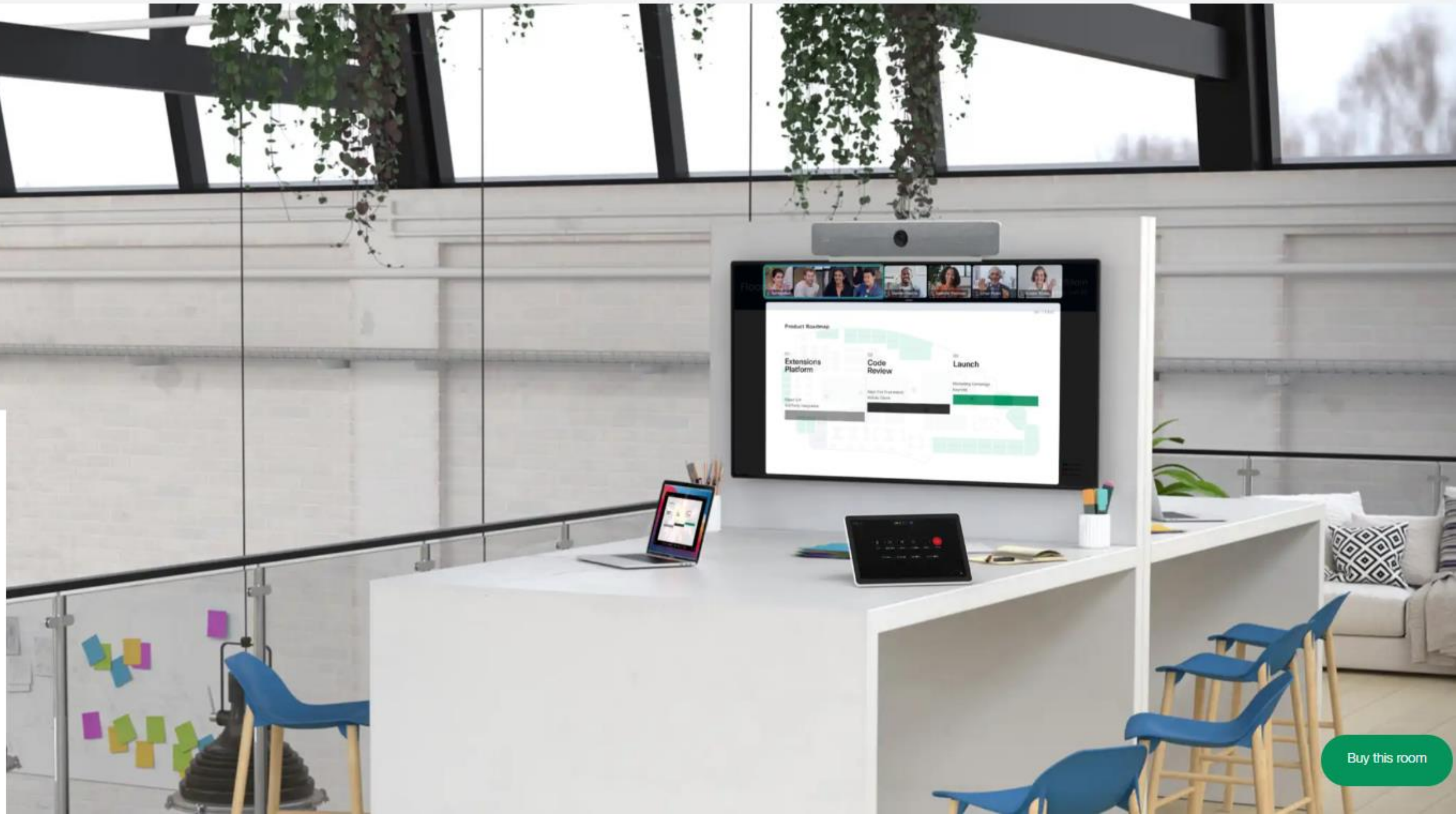


Host stunning presentations with your team on screen in real time, wirelessly on Webex, Miracast and Apple AirPlay, or via a single USB-C cable.

Digital signage



Display interactive content such as floor maps.



Buy this room

Co-creation Areas

Local and remote controlled setups that let you present, whiteboard, and meet.



Small

Collaboration board lets you meet, whiteboard, present and use your productivity tools.

[Learn More →](#)



Medium

👤 2-4 people 📏 6-20m² / 65-215ft²

Collaboration board lets you meet, whiteboard, present and use your productivity tools.

[Learn More →](#)



Large

👤 6-10 people 📏 14-36m² / 150-390ft²

Collaboration board lets you meet, whiteboard, present and use your productivity tools.

[Learn More →](#)



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Workspaces / **Co-creation - Small**

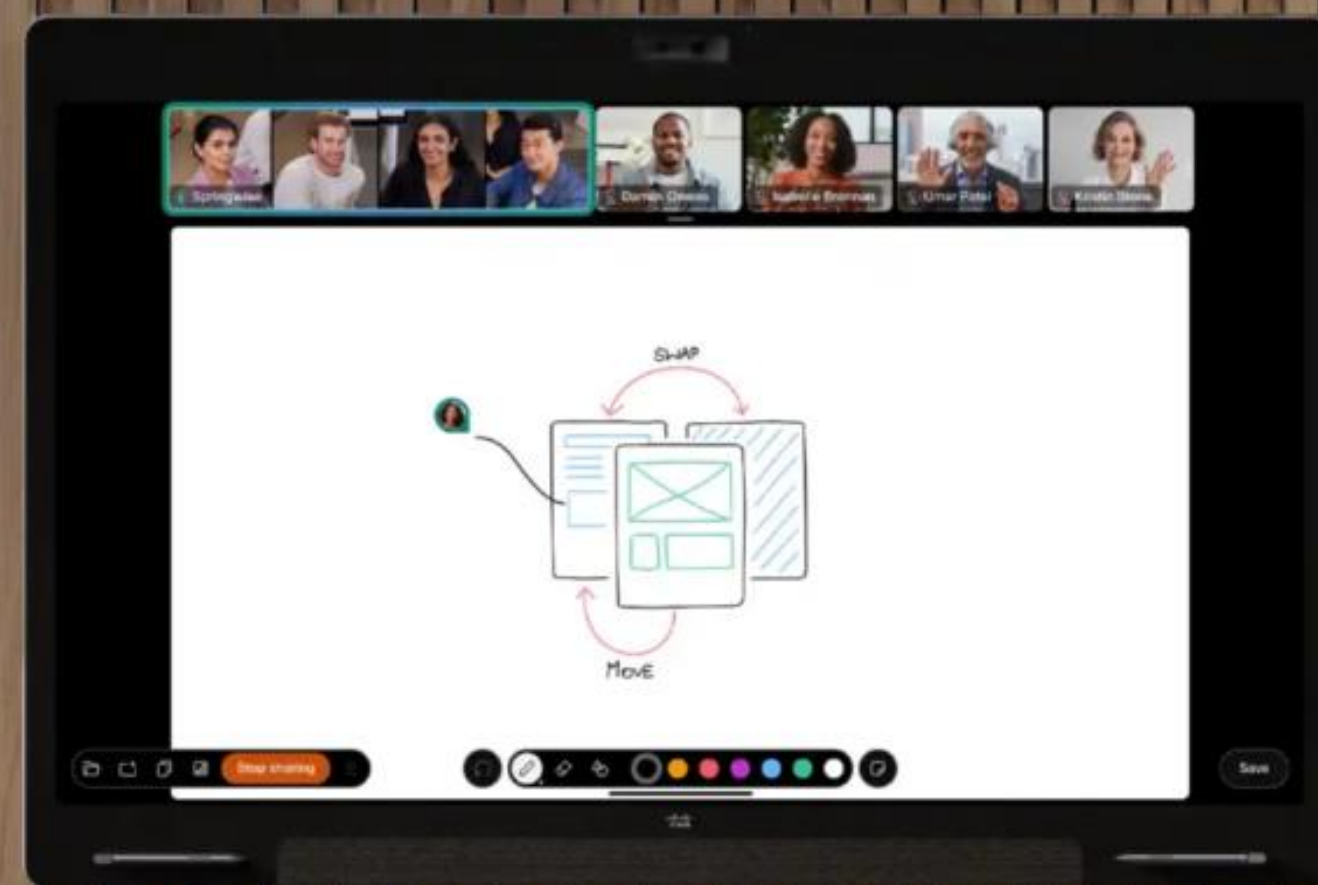
The room

Ways to collaborate

Products

Room Experience

Get in touch




Ways to collaborate with the Cisco Board Pro

Local collaboration

Video meetings

Content sharing

Digital whiteboarding

 Draw, use stickies and brainstorm with your team on an infinite canvas in real time.

Digital annotation

Digital signage

Buy this room



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Workplace

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Learn

Workspaces / **Co-creation - Medium**

The room

Ways to collaborate

Products

Room Experience

Get in touch

Ways to collaborate with the Cisco Board Pro

Local collaboration

Video meetings

Content sharing

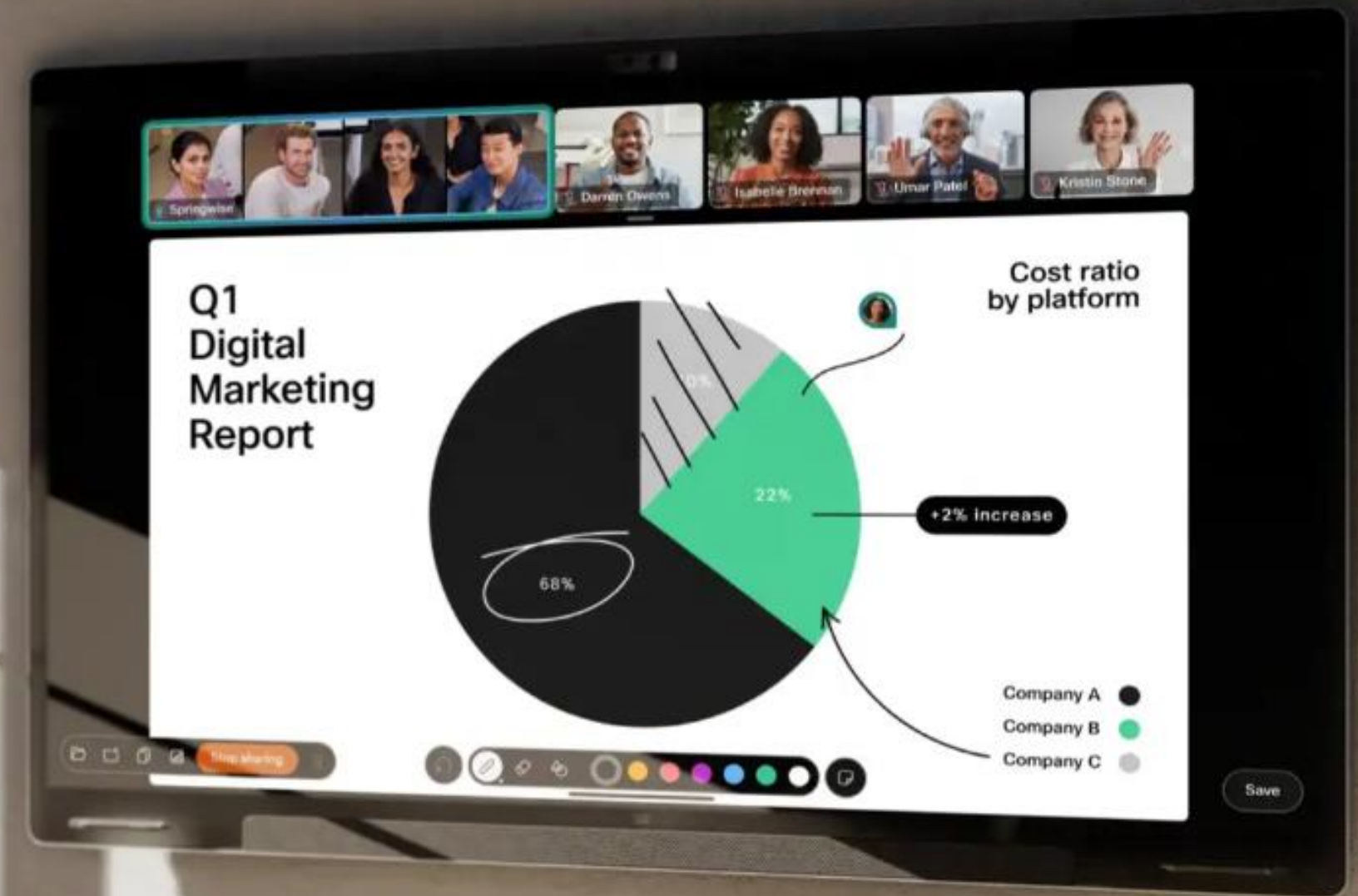
Digital whiteboarding

Digital annotation



Annotate on any content with your team on screen in real time.

Digital signage



Buy this room



Ways to collaborate with the Cisco Board Pro

Local collaboration

Video meetings

Content sharing

Digital whiteboarding

Digital annotation

Digital signage

 Display interactive content such as floor maps, occupancy status, safety alerts and custom applications for an augmented workspace experience.

Meeting Rooms

Gather the team together in an everyday workspace and bring in remote participants for extended collaboration.



Conference

14-20 people
36-100m² / 390-1075ft²

Gather the team together in an everyday workspace and bring in remote participants for extended collaboration.

[Learn More →](#)



Large Meeting

8-14 people 25-40m² / 270-430ft²

Gather the team together in an everyday workspace and bring in remote participants for extended collaboration.

[Learn More →](#)

Executive Meeting

4-14 people 30-64m² / 325-690ft²

Designed as a premium experience for the hybrid boardroom

[Learn More →](#)

Meeting Rooms

Gather the team together in an everyday workspace and bring in remote participants for extended collaboration.



Medium Meeting

6-10 people 14-36m² / 150-390ft²

Gather the team together in an everyday workspace and bring in remote participants.

[Learn More →](#)



Small Meeting

5-7 people 12-28m² / 130-300ft²

Gather the team together in an everyday workspace and bring in remote participants.

[Learn More →](#)



Video Centric – Small


2-4 people 12-26m² / 130-280ft²

See every detail when face-to-face matters most.

[Learn More →](#)

Cisco Panorama - Ways to Collaborate

Panoramic meeting

 Bridge two different meeting rooms into one seamless video conference with a life-like, panoramic overview of all participants and immersive audio—no matter the distance.

Multi-point meeting

Content screen experience

Video meetings

Cisco-designed wall finish

Color options

Custom design options



Buy this room



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Workspaces / **Executive Meeting**

The room

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Cisco Panorama - Ways to Collaborate

Panoramic meeting

Multi-point meeting

Content screen experience

Video meetings

Cisco-designed wall finish

Color options

Custom design options



Opt for the custom wall integration for a discrete finish.

Buy this room

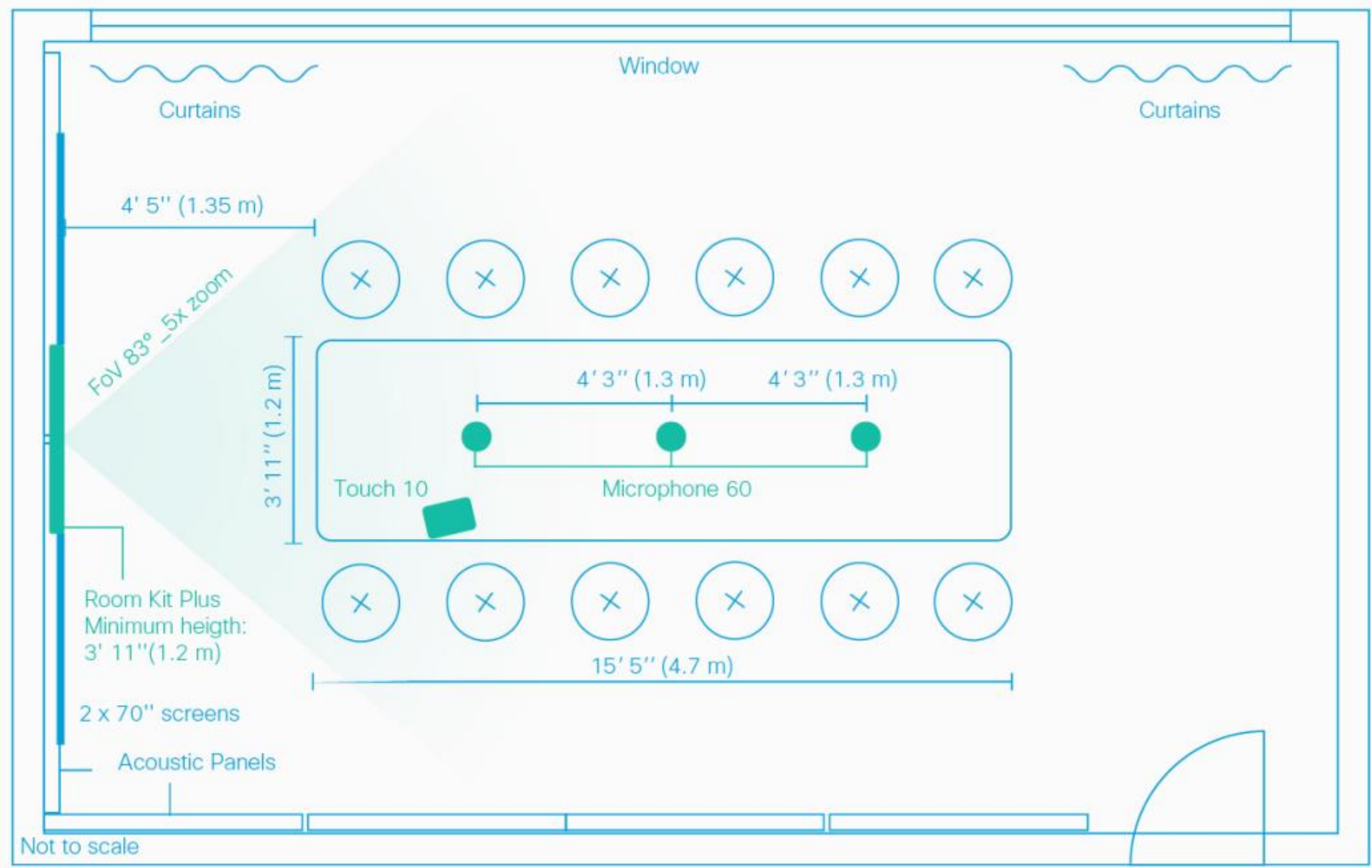


Buy this room

Ways to collaborate with the Cisco Room Kit Plus

- Local collaboration
- Video meetings
- Content sharing
 - Host stunning presentations with your team on screen in real time, wirelessly on Webex, Miracast and Apple AirPlay, or via HDMI.
- Digital signage

Floor plan – Large Meeting Room





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Workspaces / **Conference**

The room

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Get in touch

Ways to collaborate with Cisco Room Kit Pro

Local collaboration

Video meetings

Content sharing



Host stunning presentations with your team on screen in real time, wirelessly on Webex, Miracast and Apple AirPlay, or via HDMI.

Local presenter


Buy this room





Ways to collaborate with the Cisco Room Kit

Local collaboration

 Collaborate and share content with your local team on up to two external screens.

Video meetings

Content sharing

Digital signage



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Workspaces / **Small Meeting**

The room

Ways to collaborate

Products

Get in touch


Room Bar

Board Pro 55

Buy this room

Ways to collaborate with the Cisco Room Bar

Monitor extension

 Extend your work to any flat screen display with single-cable USB passthrough.

Local collaboration

Video meetings

Content sharing

Digital signage



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Workspaces / **Small Meeting**

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Room Bar

Board Pro 55

Buy this room

Ways to collaborate with the Cisco Board Pro

Local collaboration



Collaborate and co-create with your local team on a responsive touch screen.

Video meetings

Content sharing

Digital annotation

Digital signage



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Ways to collaborate with the Cisco Room Kit

Local collaboration

Video meetings

Content sharing

 Host stunning presentations with your team on screen in real time, wirelessly on Webex, Miracast and Apple AirPlay, or via HDMI.

Digital signage

Buy this room

Hallways and Lobbies

Turn the office into a collaboration hub focused on engagement and wellbeing. Webex devices provide a consistent workspace experience when reserving and finding your next meeting room, checking in at the lobby, verifying real-time workspace metrics, and interacting with content displayed on your touch screens.



Hallway

Book and find your meetings easily, optimize space usage, and let your team get the most out of your workspace management solution.

[Learn More →](#)



Lobby

Create a memorable welcome for your employees and visitors by leveraging the web capabilities of the Cisco Desk Series or Board Series.

[Learn More →](#)



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Workspaces / **Hallway**

The room

Ways to collaborate

Products

Get in touch

Elevate the workspace experience with Cisco Room Navigator

Room availability at a glance



The multi-color status LED makes it easy to find an available meeting room, even from a distance.

Instant room booking

Fewer interruptions

Automatic notifications

Third-party workspace experiences



Buy this room



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Workspaces / **Hallway**

The room

Ways to collaborate


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Get in touch

Elevate the workspace experience with Cisco Room Navigator

Room availability at a glance

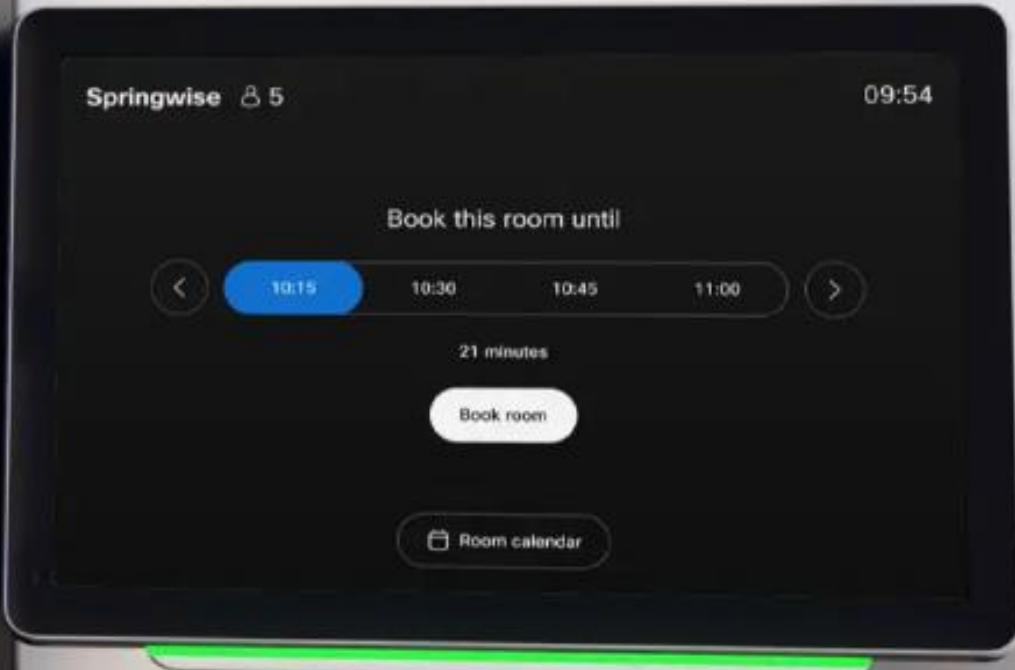
Instant room booking

 Book an ad-hoc meeting with a single touch on the touch panels. When inside the room, you can book the room with your voice.

Fewer interruptions

Automatic notifications

Third-party workspace experiences



Buy this room



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Learn

Desk Pro

Board Pro

Elevate the workspace experience with Cisco Desk Pro

Kiosk mode

Workplace experience

Wayfinding

Space reservation



Reserve a shared desk or book a meeting room using Cisco or third-party applications on a responsive, multi-touch screen.

Digital signage



Buy this room

Desk Pro Board Pro



Buy this room

Elevate the workspace experience with Cisco Board Pro.

Kiosk mode

Workplace experience

⌚ Display rich 3D maps, show real-time occupancy of conference rooms and shared spaces, and provide a glimpse at workspace stats including temperature, air quality, humidity and more.

Wayfinding

Space reservation

Digital signage

Special Purpose Rooms

Get everyone's attention with the presenter front and center.



Briefing room

👤 12-40 people
📏 100-200m² / 1075-2155ft²

Get everyone's attention with the presenter front and center.

[Learn More →](#)



Auditorium

👤 50-150 people
📏 50-300m² / 540-3230ft²

A flexible setup tailored for larger auditoriums.

[Learn More →](#)



Physical Content

👤 1-4 people 📏 10-50m² / 110-540ft²

Engage with remote teams when reviewing physical products or samples.

[Learn More →](#)



Multi-Content Video Room

👤 2-10 people 📏 20-50m² / 215-540ft²

Share multiple content sources simultaneously.

[Learn More →](#)



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Workspaces / **Multi-Content Video Room**

The room

Ways to collaborate

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Room Experience

Get in touch



Ways to Collaborate with the Cisco Multi-Content Video Room

Local collaboration

Video meetings

Content sharing

Video and multi-content



Display up to 4 different content sources or combine multiple sources into one layout to get the big picture.

Buy this room



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Workspaces / **Briefing room**

The room

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Ways to collaborate with Cisco Room Kit Pro

Local collaboration

Video meetings

 Experience full HD video and crisp audio calls on any platform, including Webex, Microsoft Teams, Zoom and Google Meet.

Content sharing

Local presenter

Remote presenter

Digital signage



Buy this room



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Workspaces / **Auditorium**

The room

Ways to collaborate

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Buy this room

Ways to collaborate with the Cisco Room Kit Pro

Local presenter

Remote presenter



Provide high-quality sound and a prominent view of the remote presenter, alongside a rich video-content experience in the auditorium.





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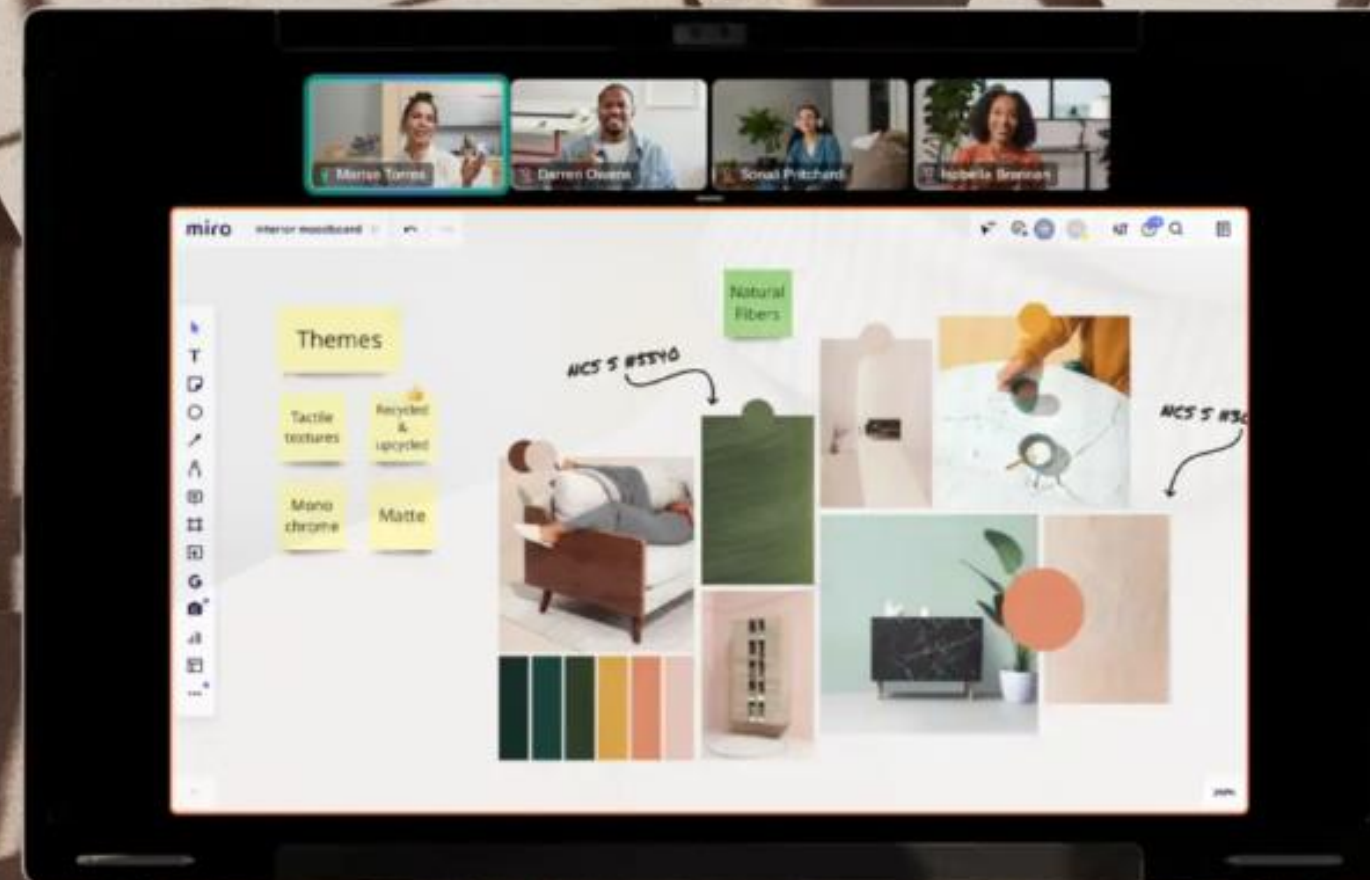
Workspaces / **Physical Content**

The room

Ways to collaborate

Products

Get in touch



Buy this room


Ways to collaborate with the Cisco Board Pro

Video meetings

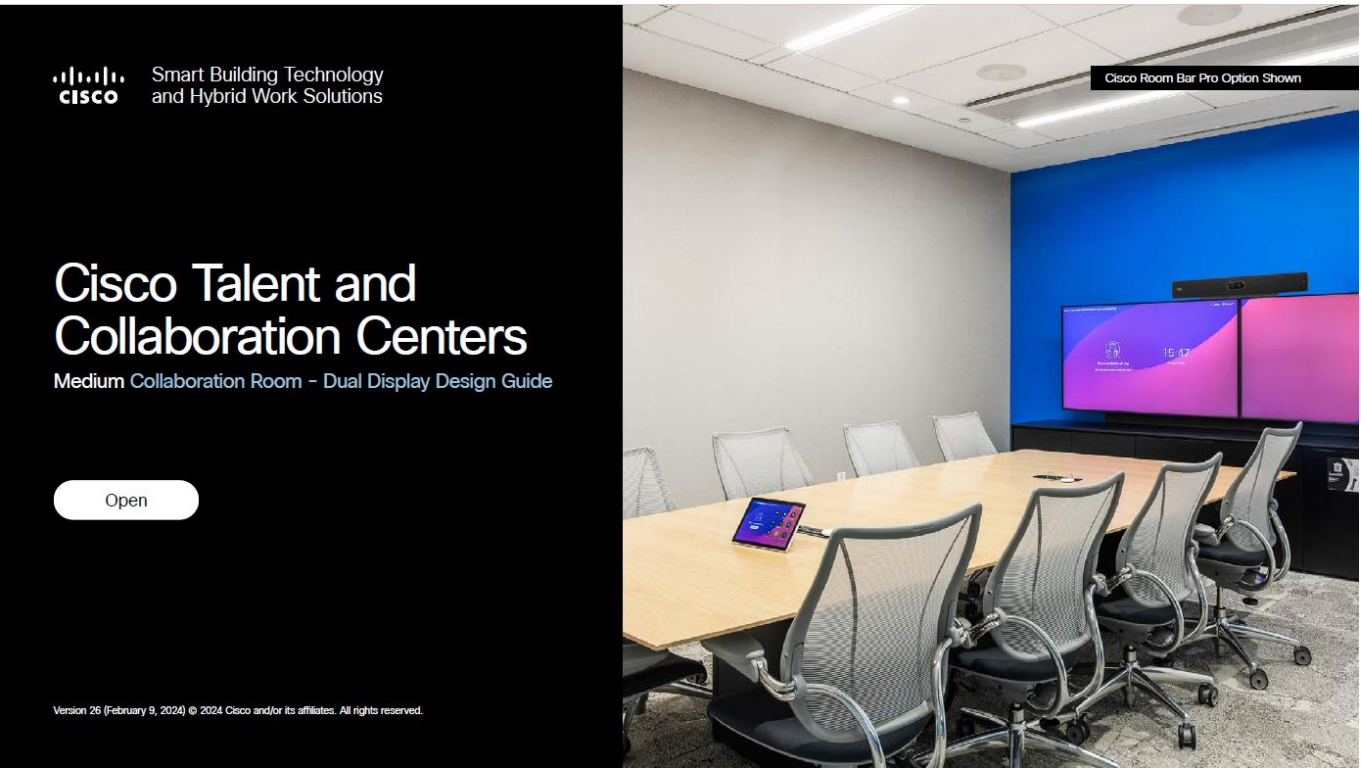
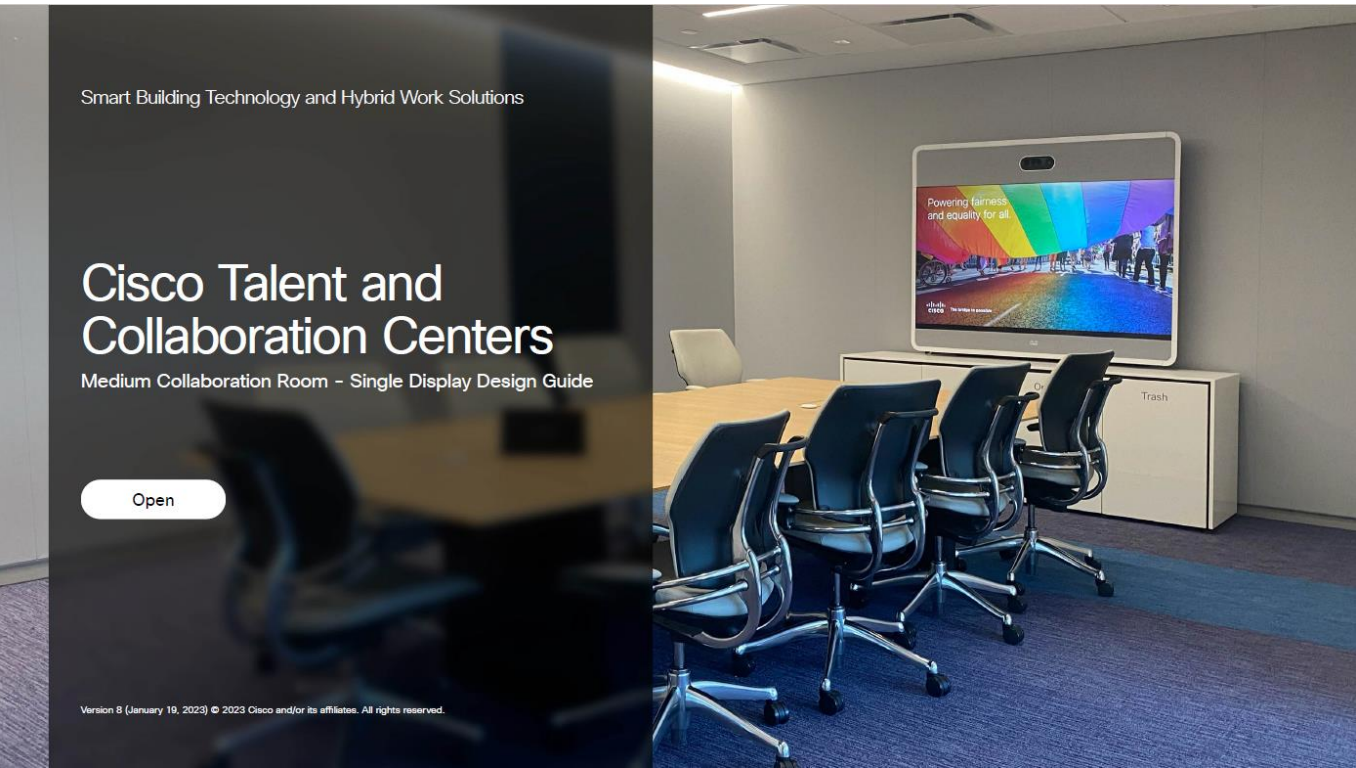
Content sharing

 Share content with your team on screen in real

Visual collaboration

 Draw, use stickies and brainstorm with your team on an infinite canvas in real time.

Cisco Collaboration Design Guides



Cisco Collaboration Design Guide

Medium Collaboration Room - Dual Display

Visualization of Key Cisco Elements



Cisco Room Navigator
for Wall



Cisco Room Navigator
for Table



Dual 65" displays
LG / Panasonic / Samsung / Sony

Option 1

Cisco Room Bar Pro
with Cisco Table Microphones



Cisco Room Bar Pro



Cisco Table Microphone (x 2)

cisco

Option 2

Cisco Room Kit EQX
with Cisco Table Microphone Pros



Cisco Room Kit EQX



Cisco Table Microphone Pro (x 2)

cisco

Cisco Collaboration Design Guide

Medium Collaboration Room – Dual Display

Certified Third Party Displays



Webex certified displays have been tested for compatibility and robustness of their video interfaces, optical characteristics, and basic security practices.

When connected to a Cisco collaboration device they will automatically reconfigure to the optimal configuration already tested and verified.

For up to date information on certified and compatible Cisco collaboration device partner offers, click on the link below.

[Device Partners](#)

Vendor	Product	Firmware version
Samsung	QPR-8K	1110.2
Samsung	QMR	2151.0
Samsung	QBR	2151.0
Samsung	QMB	1040.7
Samsung	QBB	1040.7
Panasonic	EQ1	1.50 Cu
Panasonic	EQ2	2.40
LG	UH5F-H	03.02.00
LG	UL3G	03.12.80
LG	UL3J	03.08.41
LG	UH5J	03.24.01
LG	UR640S	03.14.23
Sony	BZ30J, BU30J, BZ35J, BU35J, BZ40H, BU40H, BZ40J, BU40J	6.5929
Sharp/NEC	M751, M861, M981	1.200
Sharp/NEC	MA431, MA491, MA551, P435, P495, P555	3.203

Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

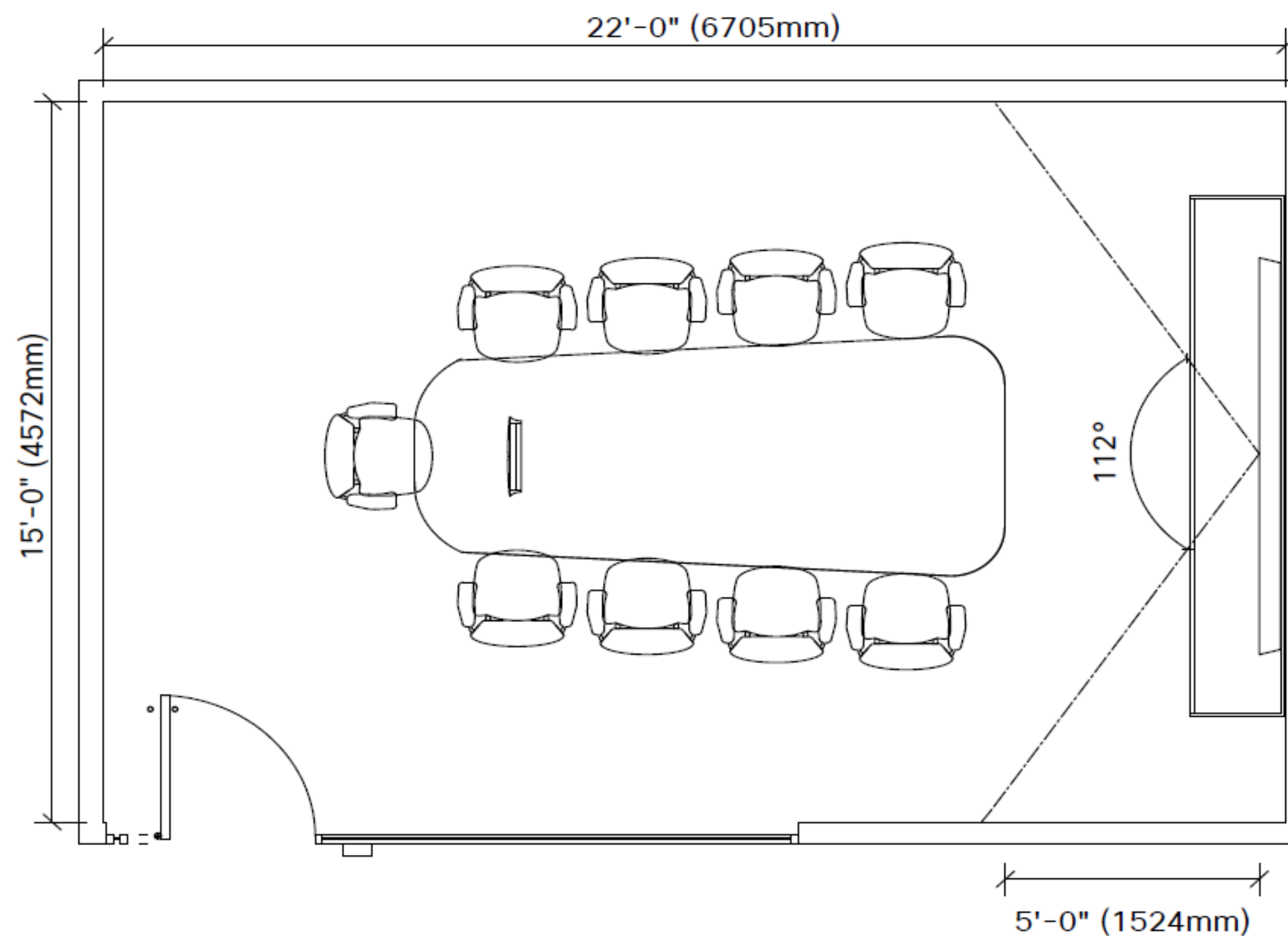
Medium Collaboration Room - Dual Display

Room Layout



Room dimensions shown are the minimal size, based on the technology and furniture options shown.

With the 112 degree field of view (FoV) of the Cisco Room Bar Pro, the table setback from display can be reduced to 4'-0" (1219 mm), this would reduce overall room length to 21'-0" (6400 mm).



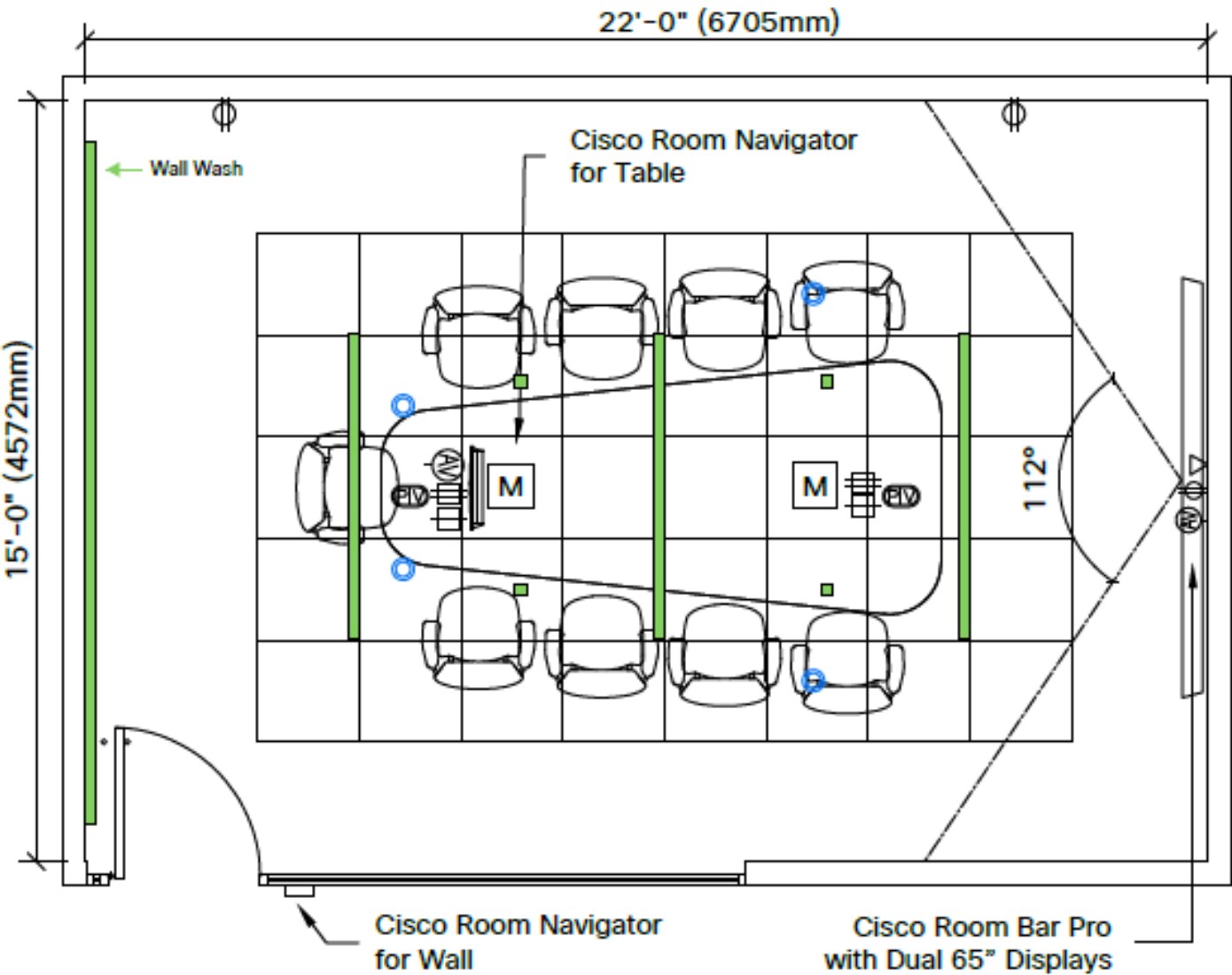
Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

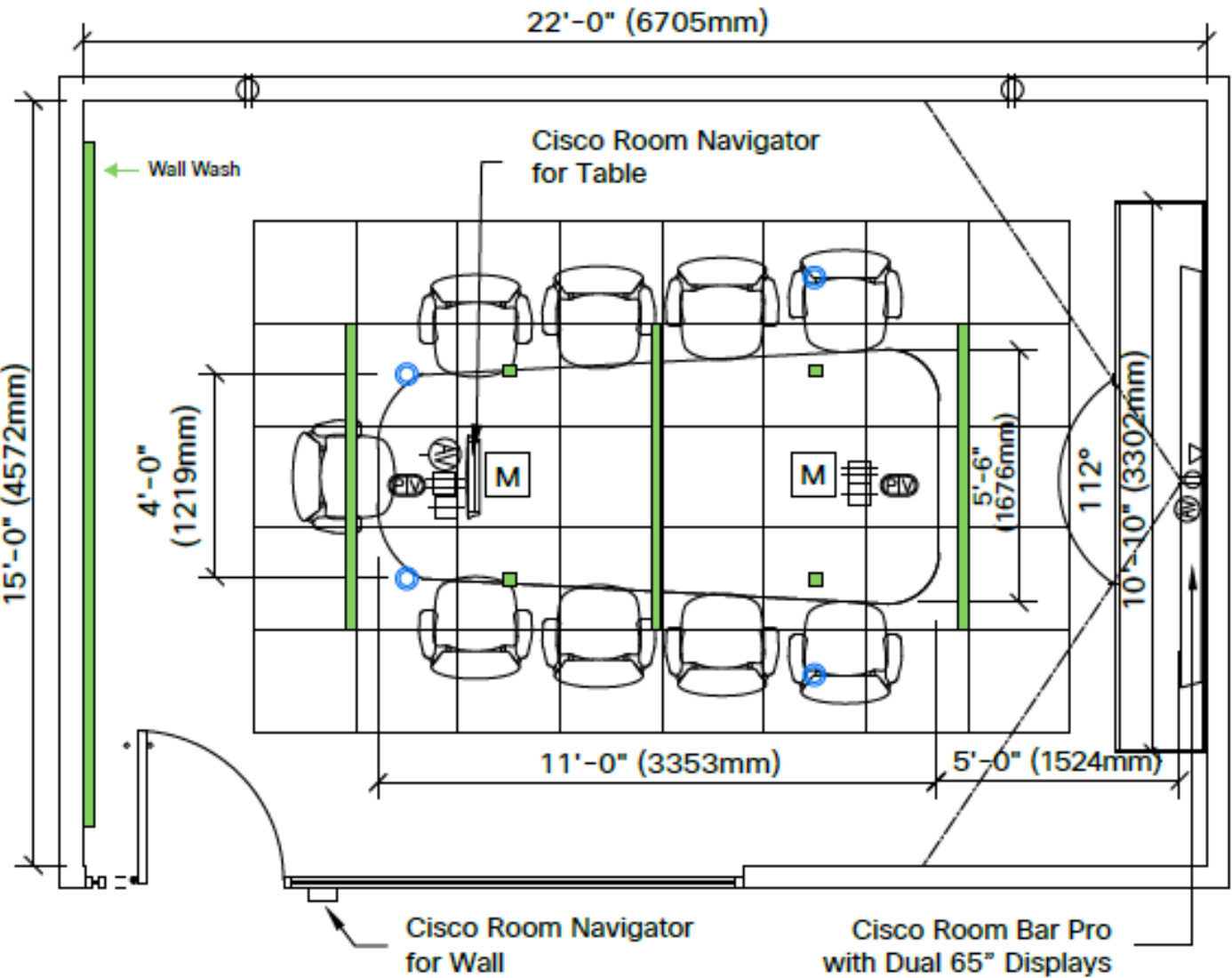
Medium Collaboration Room - Dual Display

Composite Plan

Option 1: Wall Mount



Option 2: Credenza Option



Graphics Symbols

- Acoustical Ceiling & Grid
- HVAC Diffusers (T.B.D.)
Shown as Example Only
- Light Fixtures
- Acoustical Wall
- Furniture Systems Version Devices
 - Duplex Receptacle & Grid
 - Data Receptacle
- Power and Communication
 - WALL / CEILING / FLOOR VERSION DEVICES
 - Third Party Speakers (Optional)
 - Duplex Receptacle
 - Data Receptacle
 - Light Switch
 - AV Receptacle
 - Table Version Microphone
 - Combination Power & Voice / Data Infeed

Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

Medium Collaboration Room - Dual Display

Video Device Mounting Options

Option
1

Cisco Room Bar Pro

There are two mounting options for the device when deploying the Cisco Room Bar Pro. Several factors will go into determining which option is best.

Option
1a

Wall Mount

Wall Mounted – Requires wall to be blocked and electrical and data to be elevated. Specific wall mount hardware must be determined based on the weight of the displays that are selected.



Option
1b

Credenza

A/V compatible credenza – Freestanding and fully integrated cabinets available from a number of specialized vendors eliminate the requirement for the wall to be blocked and electrical moved. Perfect for new and retrofit installations, allowing for quick and efficient installation.



Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

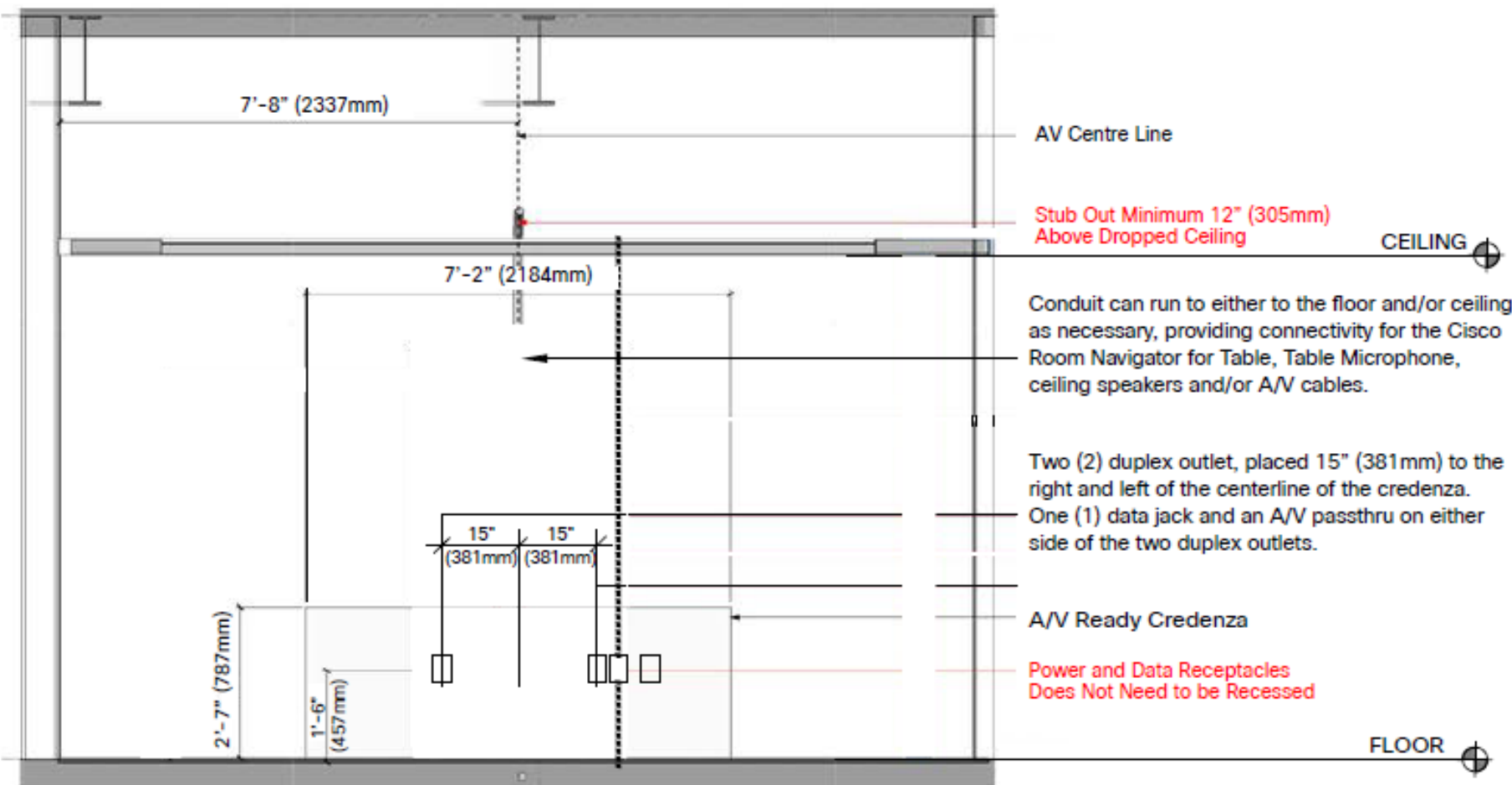
Medium Collaboration Room - Dual Display

Room Elevations

Option
1b

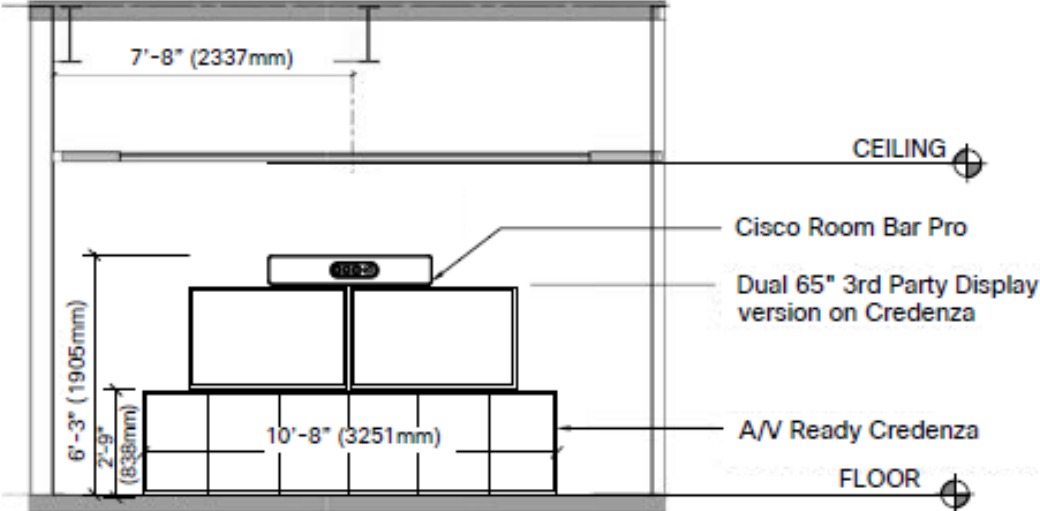
Cisco Room Bar Pro - A/V Credenza

Conduit Elevation

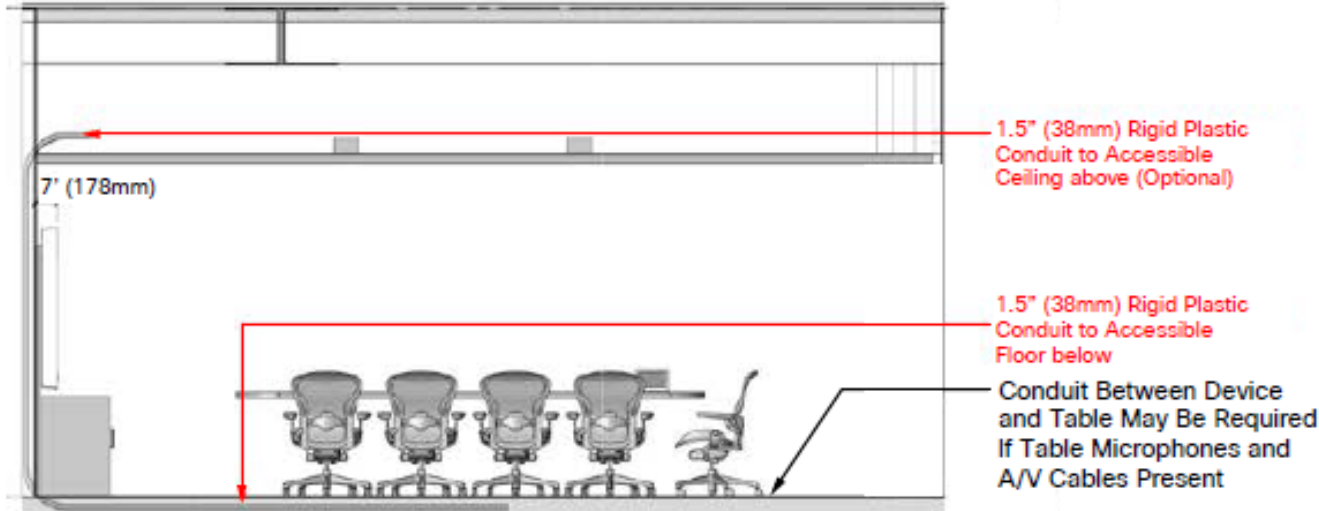


Note: Configuration shown mounts video device and displays directly on an AV ready credenza. If wall version, the location of the power, data and AV passthru would need to be modified.

Front Elevation



Side Elevation



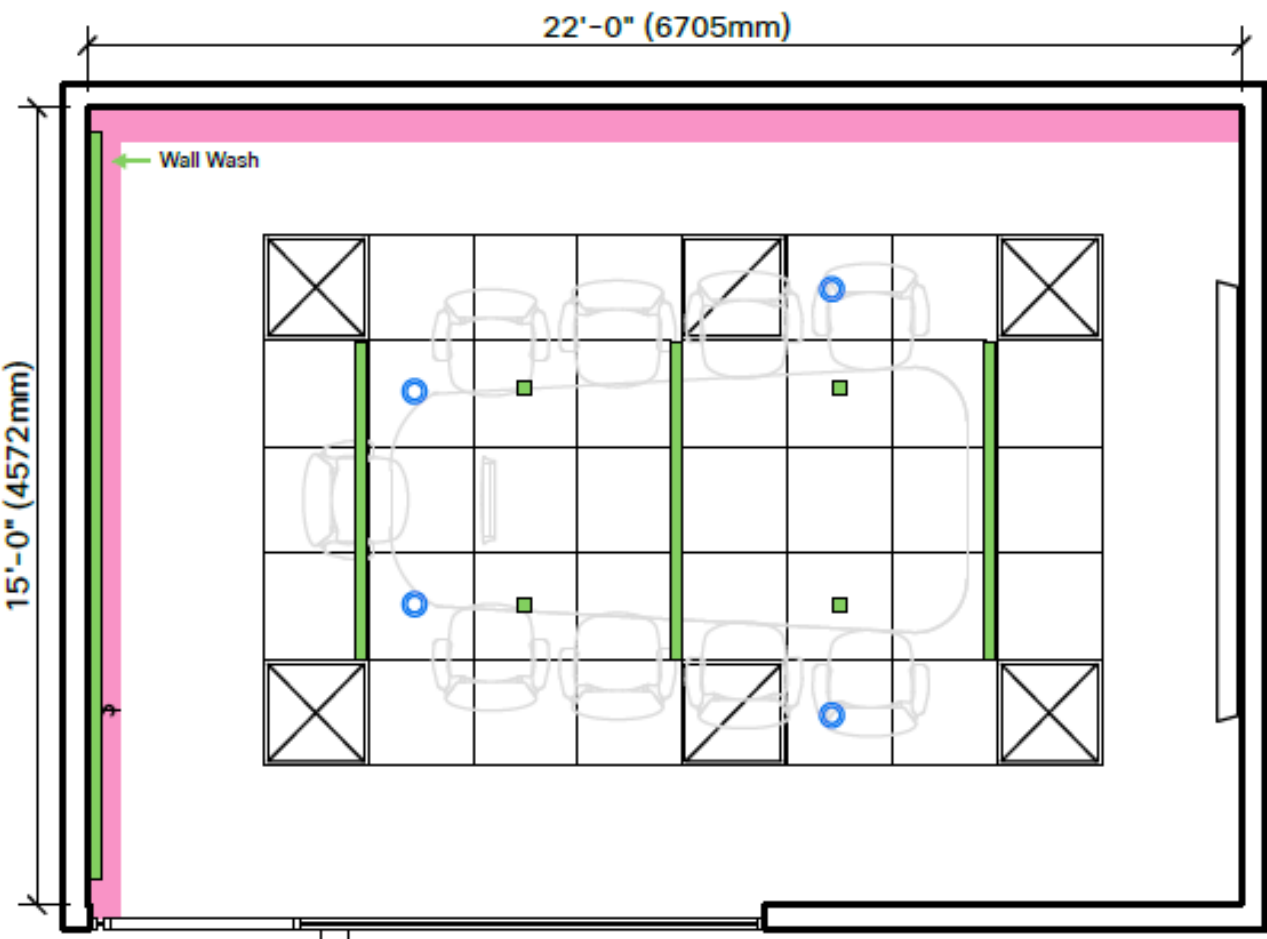
Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

Medium Collaboration Room - Dual Display

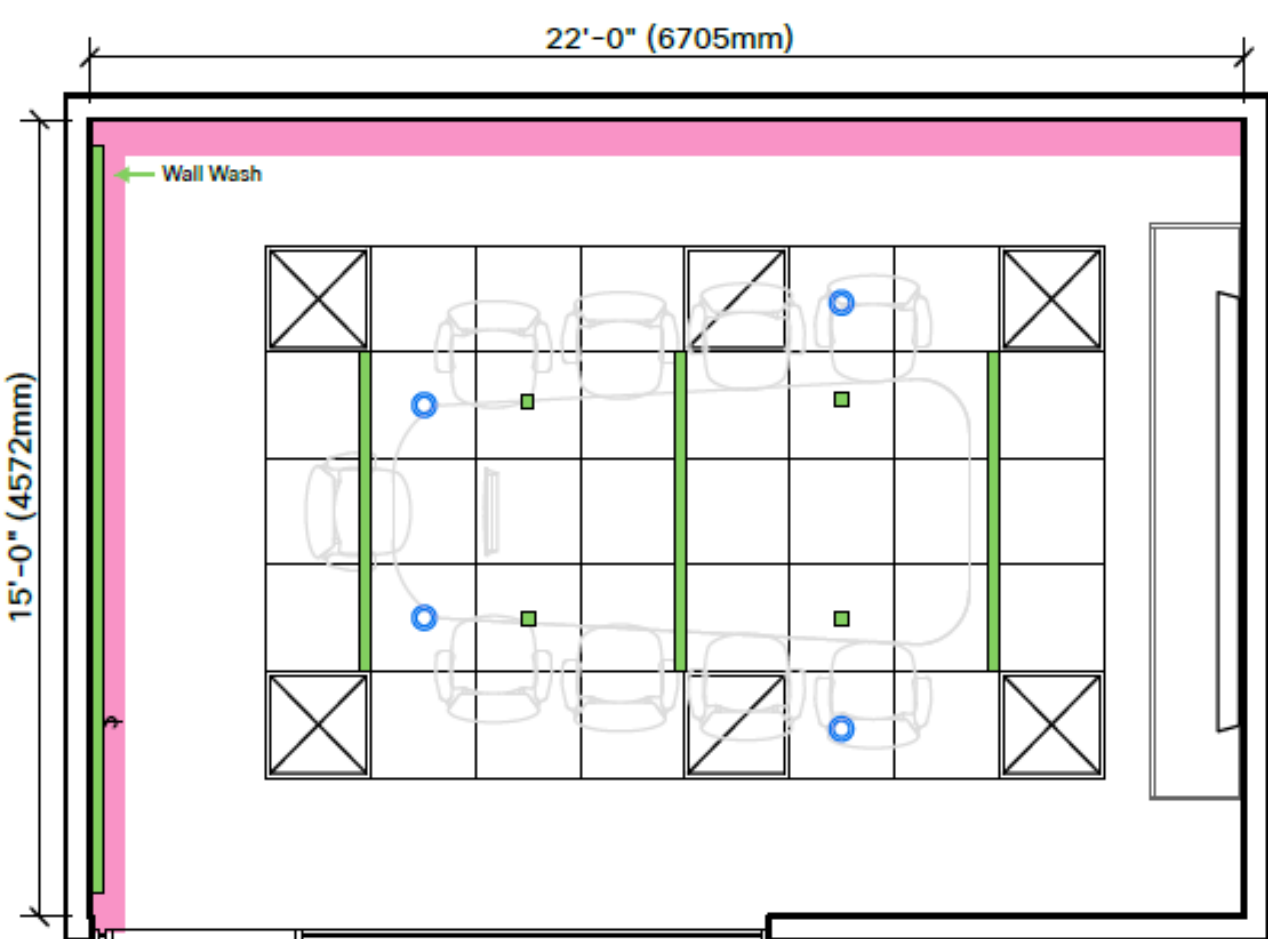
Reflective Ceiling Plan & Acoustical Treatment

Option 1: Wall Mount



● We recommend glare-free luminary with a beam angle of 90° or wider as it serves as both key and fill light, with a color temperature ~4000K and color rendering index (CRI) of 85 or better.

Option 2: Credenza Option



● Two walls of acoustical wall treatment is optimal, preferred location is wall opposite device and then adjoining, away from entry location.

Graphics Symbols

- Acoustical Ceiling & Grid
- HVAC Diffusers (T.B.D.)
Shown as Example Only
- Light Fixtures
- Acoustical Wall
- Furniture Systems Version Devices**
 - Duplex Receptacle & Grid
 - Data Receptacle
- Power and Communication**
- WALL / CEILING / FLOOR VERSION DEVICES**
 - Third Party Speakers (Optional)
 - Duplex Receptacle
 - Data Receptacle
 - Light Switch
 - AV Receptacle
 - Table Version Microphone
 - Combination Power
& Voice / Data Infeed

Cisco Collaboration Design Guide

Option 1: Cisco Room Bar Pro

Medium Collaboration Room – Dual Display

Exploded IT Diagram



Cisco Room Navigator for Table (required)

The recommended approach is to connect the table stand Cisco Room Navigator directly to the Cisco Room Bar Pro using a network cable. The two can also be connected over the IT network if an ethernet port is available under the table.

Cisco Room Navigator for Wall

It is recommended to run the cable inside the wall or through the door frame directly back to a network switch.

Cisco Table Microphones

Although not technically required for a room of this size, they are highly recommended. Microphone extension cables may be needed if the run between table and device exceeds length of the cable that is provided with each microphone.

Third-party Speakers

Although not typically required for this space, they can be used if local conditions warrant. (Requires conduit behind device to ceiling.)

Table Top Charging

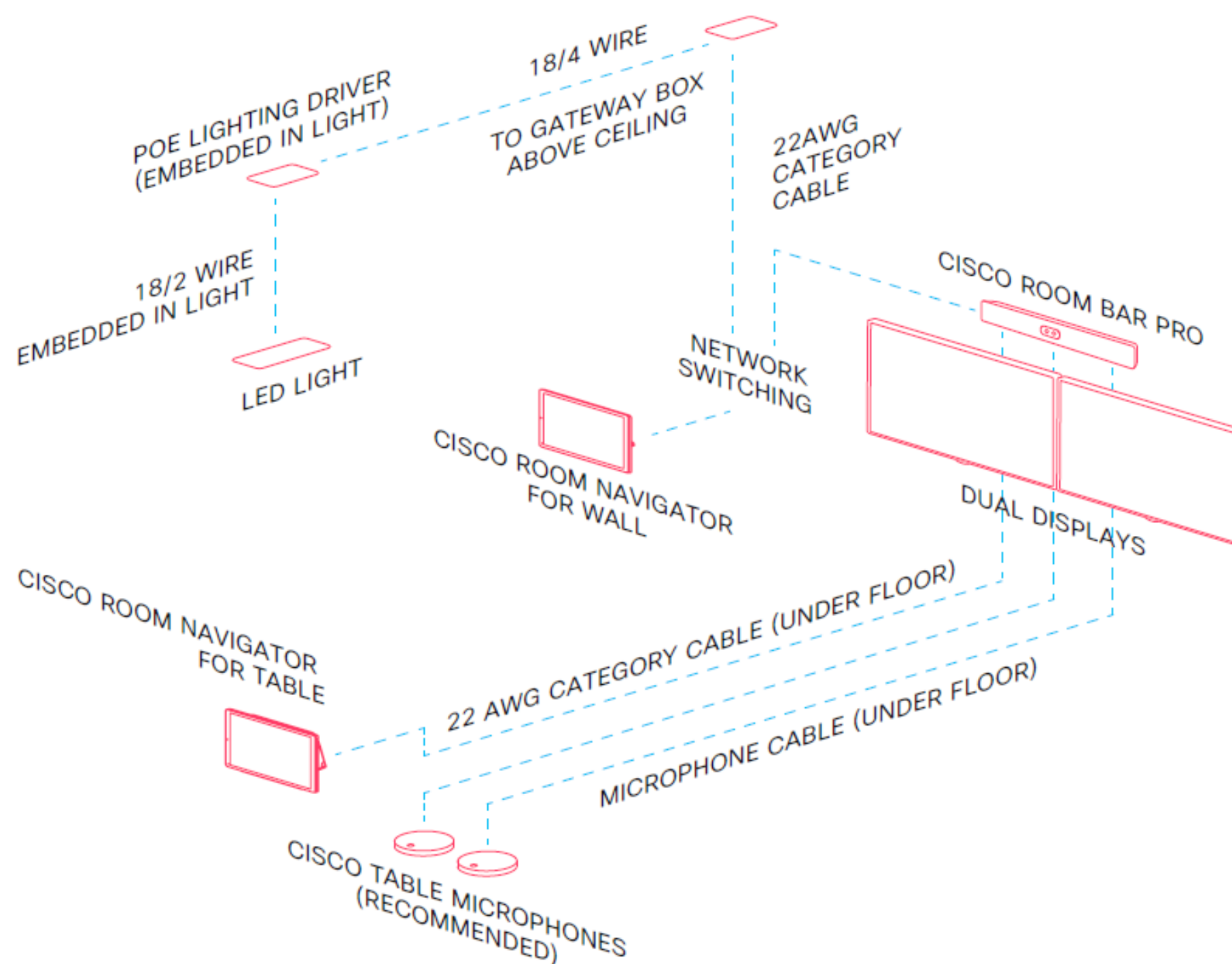
USB-C charging and convenience outlets on table top. Ensure the size of the trough and layout can accommodate a variety of laptop power supplies.

Wall Blocking

Required when the device is wall-mounted. The size and composition of blocking materials should be determined based on the overall weight of the solution deployed.

Core Drilling

Core Drill-Preferred method for providing connectivity between the table and the Cisco Room Bar Pro for the Cisco Room Navigator for Table, Cisco Table Microphones and/or A/V cables. If core drilling is not an option, a floor cable cover or wire concealer can be used.

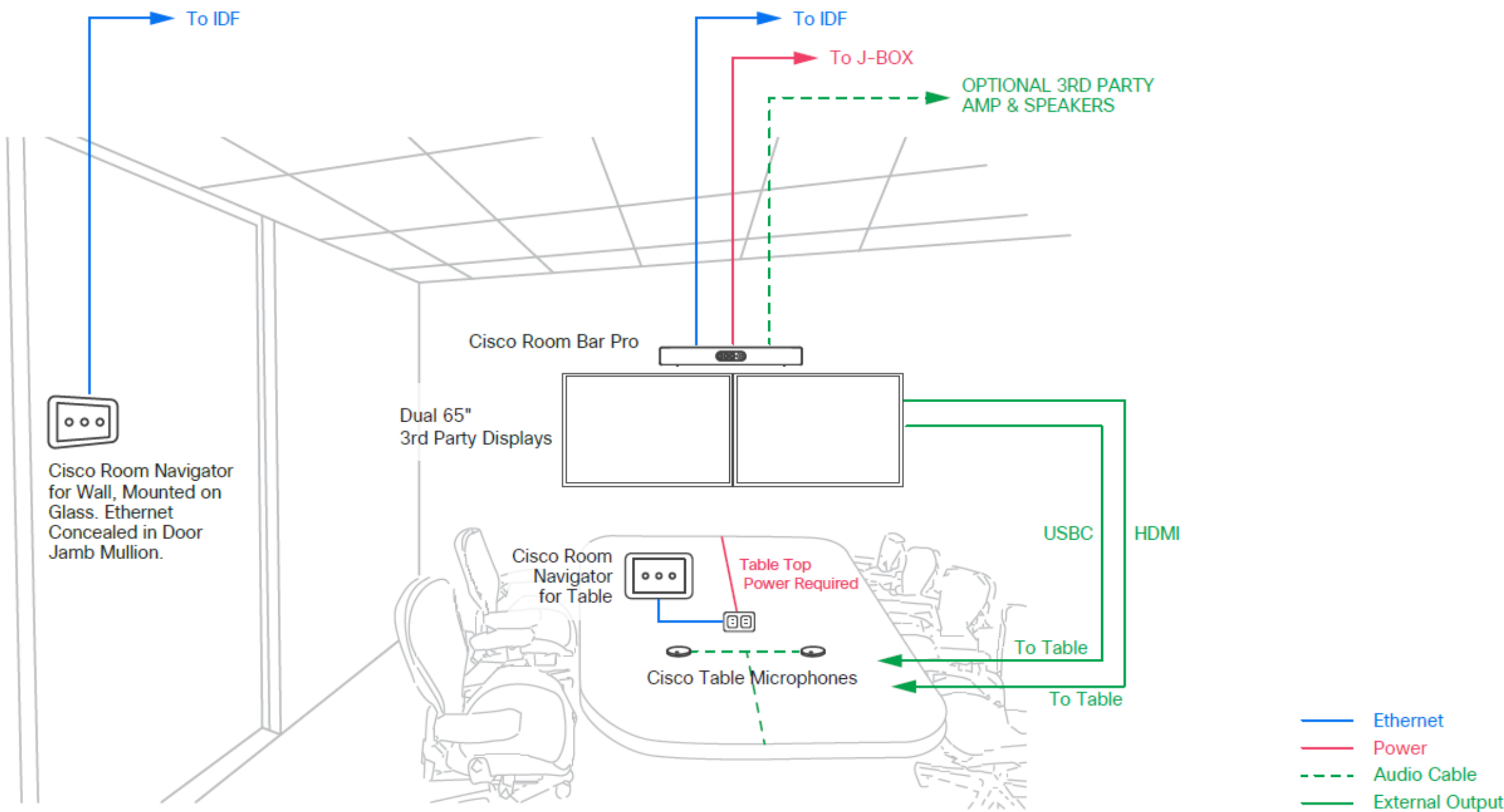


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Connectivity View



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IT/OT Bill of Material

Cisco Products

Cisco Room Bar Pro Option:

- **CS-BARPRO-C-K9.** Cisco Room Bar Pro – Carbon Black (with Cisco Room Navigator for Table, mounting kit and accessories)
- **CS-MIC-TABLE-J** Cisco Table Microphone (Qty 2)
- **CS-T10-WM-K9=** Cisco Room Navigator for Wall

Non-Cisco peripherals

- Dual 65” Video Displays
- Third-party wall mount or AV-ready credenza

IOT Devices

- IAQ coming from the Cisco Room Navigator, No additional IoT IAQ
- Occupancy sensing is coming from the Cisco Endpoints
- Suggested lighting specifications: 220LPW raw, 140LPW delivered
- Each Medium Collaboration room POE lights being power by 4 ports on the ceiling
- Traditional DC Wall Switch
- Ensure device is not connected to ASHRAE 90.1 outlet

External microphones and speakers

- The Cisco Room Bar Pro is equipped with an internal microphone array and is optimized for small to medium sized collaboration spaces, thus external microphones are not technically required if people are seated within 13 feet (4 meters) from the device. That said, we do recommend adding two (2) table microphones to this space to ensure the best audio experience.
- The Cisco Room Bar Pro has a 3-channel loudspeakers embedded within, third-party external speakers are typically not needed unless room acoustic conditions warrant their use.

Cisco Collaboration Design Guide

Medium Collaboration Room - Dual Display

Commissioning-User Acceptance Testing (UAT) Criteria

OT/Space Testing

- ☐ Verify manual adjustment of lights, shades and environmental controls are operational from wall controls.
- ☐ Confirm lighting occupancy sensor is functional.
- ☐ Check any tabletop power and data functionality.
- ☐ Verify any smart buildings integrations are working properly.

IT Testing

- ☐ Internet connectivity of Cisco Collaboration device.
- ☐ Initiate test calls on video endpoint (via Room Navigator, Webex app and voice controls).
- ☐ Validate environmental metrics are being displayed on collaboration device and Room Navigator.
- ☐ Confirm help videos are loaded.
- ☐ Confirm that Room Navigator for Wall is powered and that booking function is working properly. Check that booking function is also available within the room via the Room Navigator for Table.
- ☐ Verify the Cisco Smart Workspaces display is showing proper presence status.



cisco@muk.uz