



You make **possible**



Customization and Integrations of Cisco Video Room Devices

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BRKCOL-3008

CISCO *Live!*

Barcelona | January 27–31, 2020



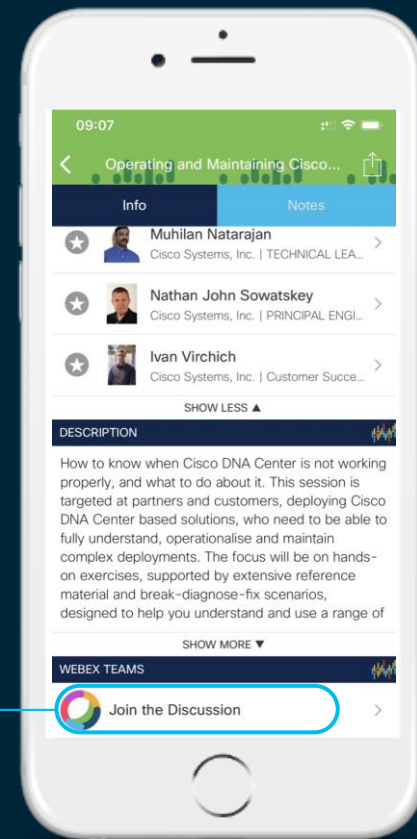
Cisco Webex Teams

Questions?

Use Cisco Webex Teams to chat with the speaker after the session

How

- 1 Find this session in the Cisco Events Mobile App
- 2 Click “Join the Discussion”
- 3 Install Webex Teams or go directly to the team space
- 4 Enter messages/questions in the team space



Agenda

- Portfolio Update
- Project Workplace
- Customization and Integration of Video Endpoints
 - AV Integration
 - xAPI
 - User Interface Customization & “In-Room Controls”
 - Macros
 - “Other Tools”
- Demo Scenarios
 - “Meeting Room Plus”
 - “Medical Examination Room”
- Q & A

Endpoint Update



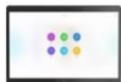
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Room Devices Overview

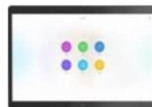
Co-create



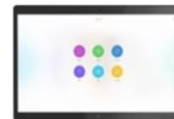
Webex Desk Pro



Webex Board 55



Webex Board 70



Webex Board 85



Room Kit Mini



Room Kit



Room Kit Plus



Room Kit Pro

Communicate



DX80



Room 55



Room 55D



Room 70S G2



Room 70D G2

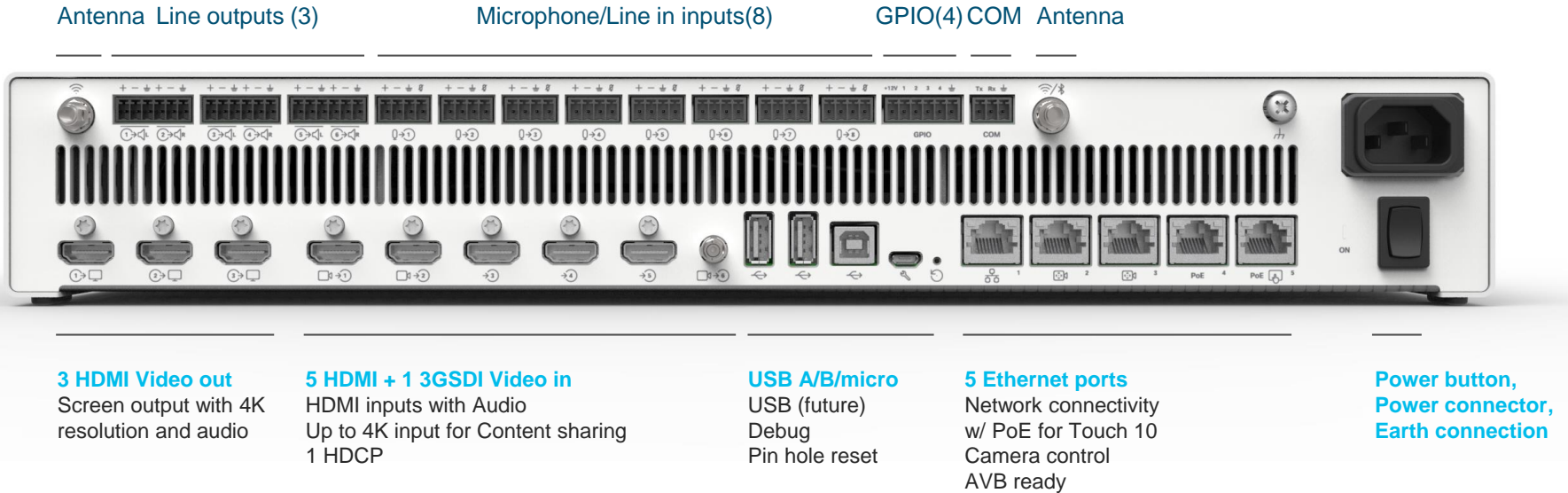


Webex Room Panorama

Codec Pro

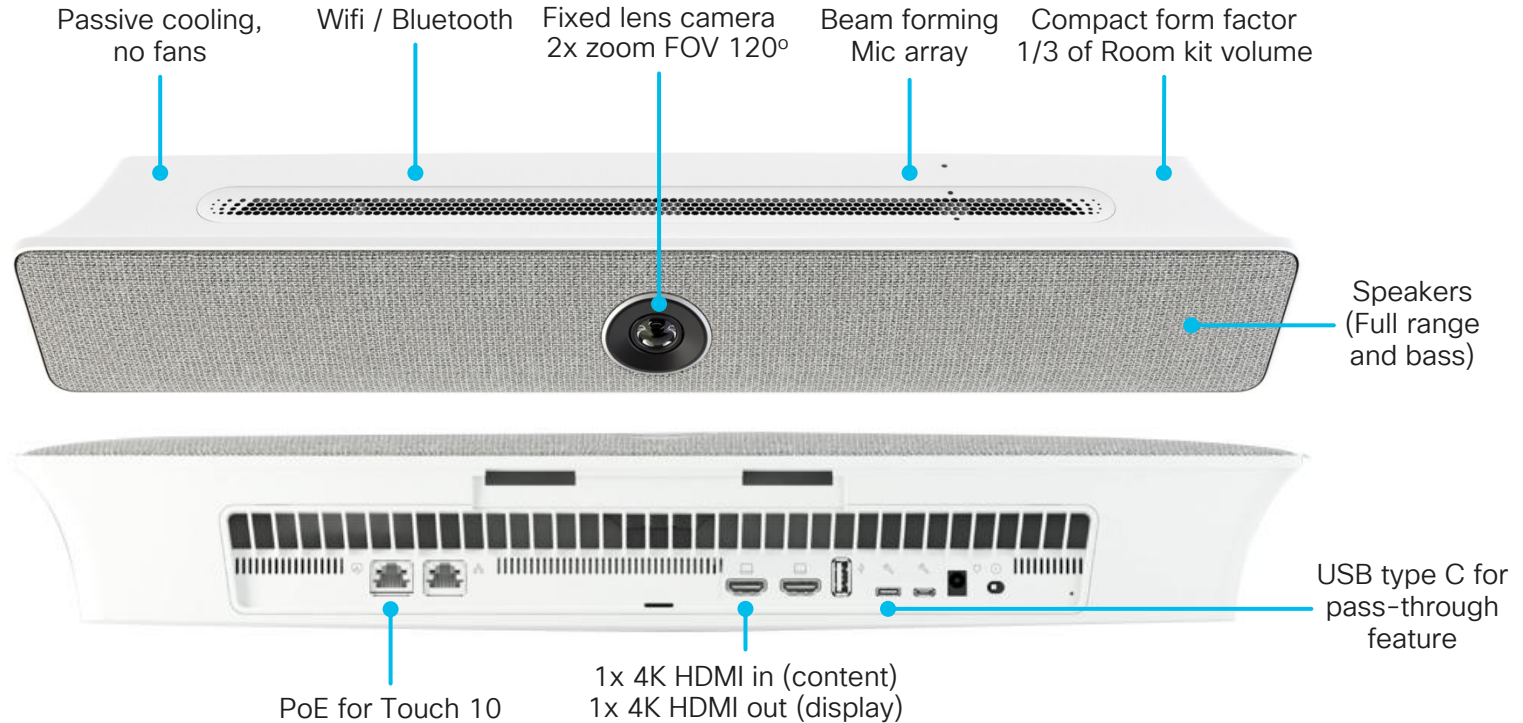
Flagship Codec

Versatile integrator codec with built-in Audio DSP, Video Scaler and Switcher



Room Kit Mini

Huddle Space Solution



Fully Integrated Solutions

Plug & Play endpoints into all meeting rooms

Small



Room 55

Medium



Room 55D



Room 70 G2 Single

Large



Room 70 G2 Dual

Fully-integrated room system with Touch 10, 4K screen(s) and speaker tracking

Project Workplace



You make customer experience **possible**



[All Workspaces](#)

[1 - 3 people](#)

[4 - 9 people](#)

[10+ people](#)

[Brainstorm](#)

[Concentrate](#)

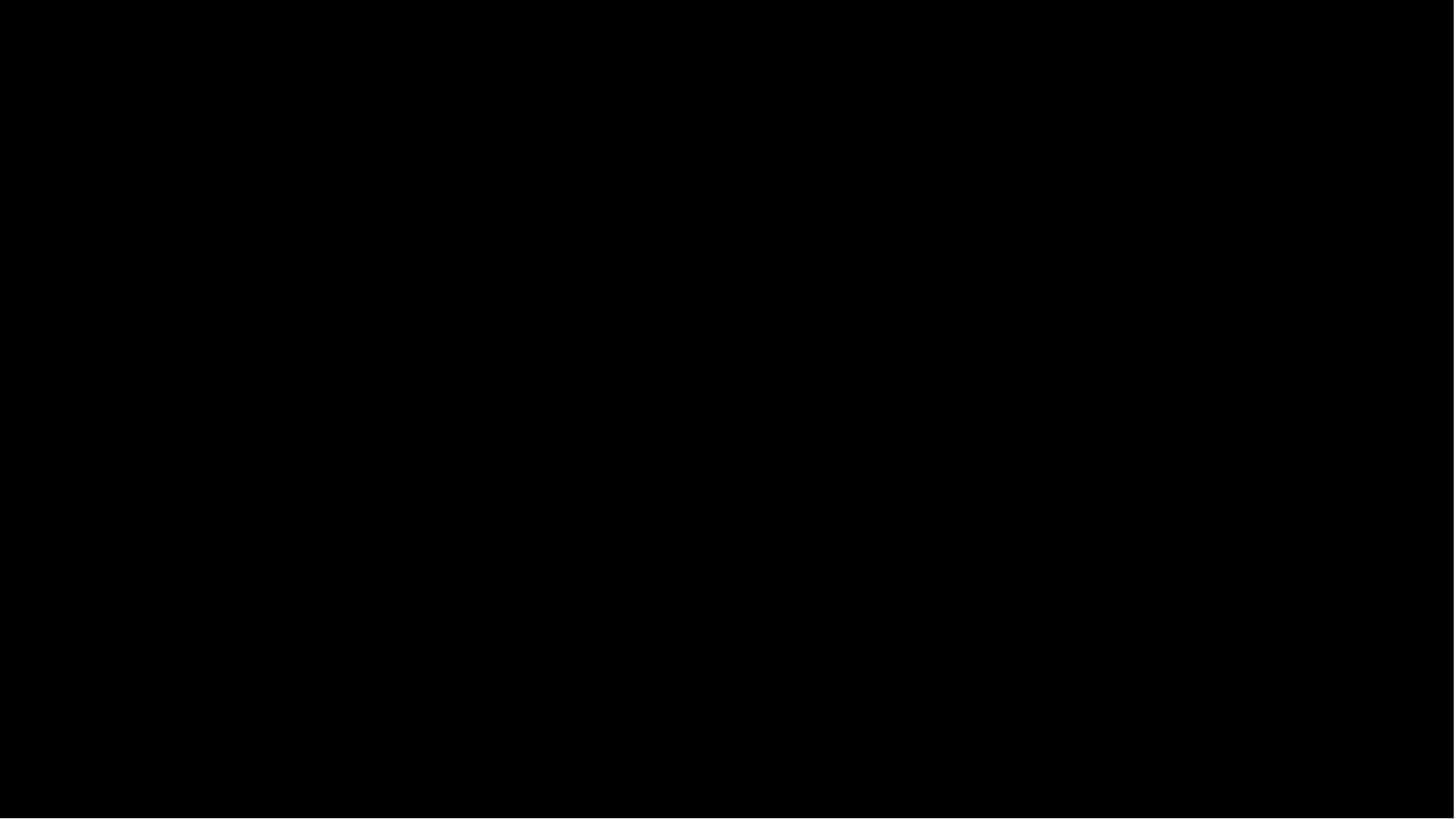
[Conference](#)

[Training](#)



An abstract graphic at the top of the slide consists of numerous vertical bars of varying heights and small circles, all in a dark blue color, creating a textured, wave-like pattern across the top half of the image.

Video – Behind the Scenes of Project Workplace





Webex Board 85



Cisco Webex Board 70



Cisco Webex Board 55



Cisco Webex Room 70 Dual G2



Cisco Webex Room 55 Dual



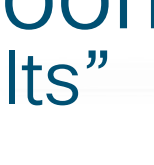
Cisco Webex Room 70 Single G2



Cisco Webex Room 55



Cisco DX80



Cisco Webex Codec Pro



Cisco Webex Room Kit Plus



Cisco Webex Room Kit



Cisco Webex Room Kit Mini



Pocket to Boardroom

- “Awesome Defaults”

Not all rooms and workflows are alike

Case #1:

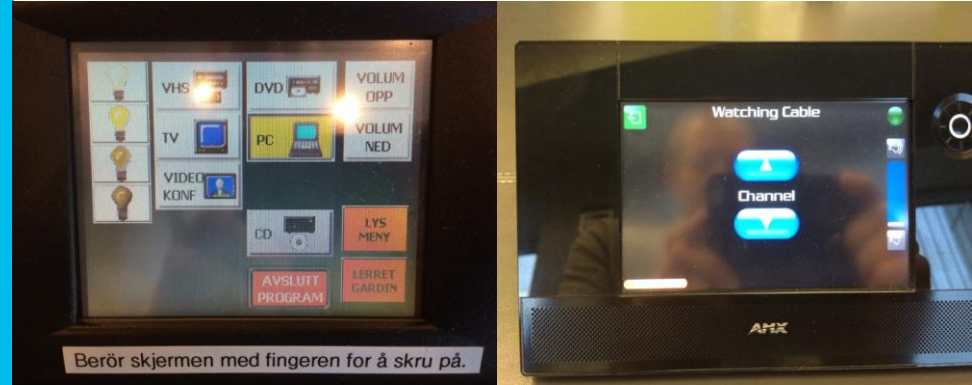
More advanced scenarios



Not all rooms and workflows are alike

Case #2:

Peripherals and
Environmental controls



Not all rooms and workflows are alike

Case #3:

Presence Triggers

Occupancy Sensors

Room Analytics

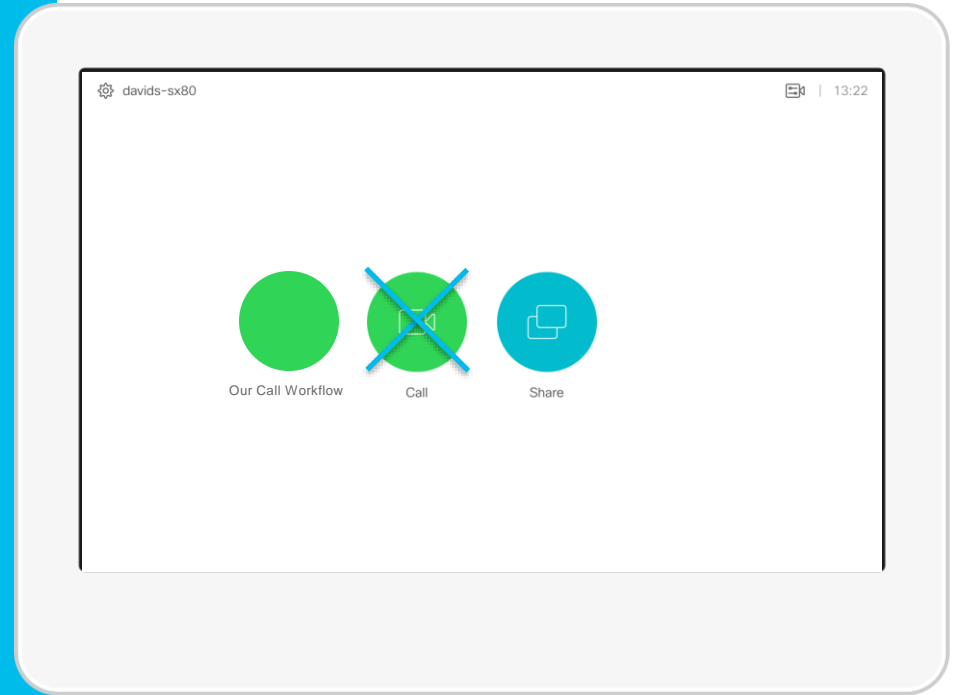
cisco *Live!*



Not all rooms and workflows are alike

Case #4:

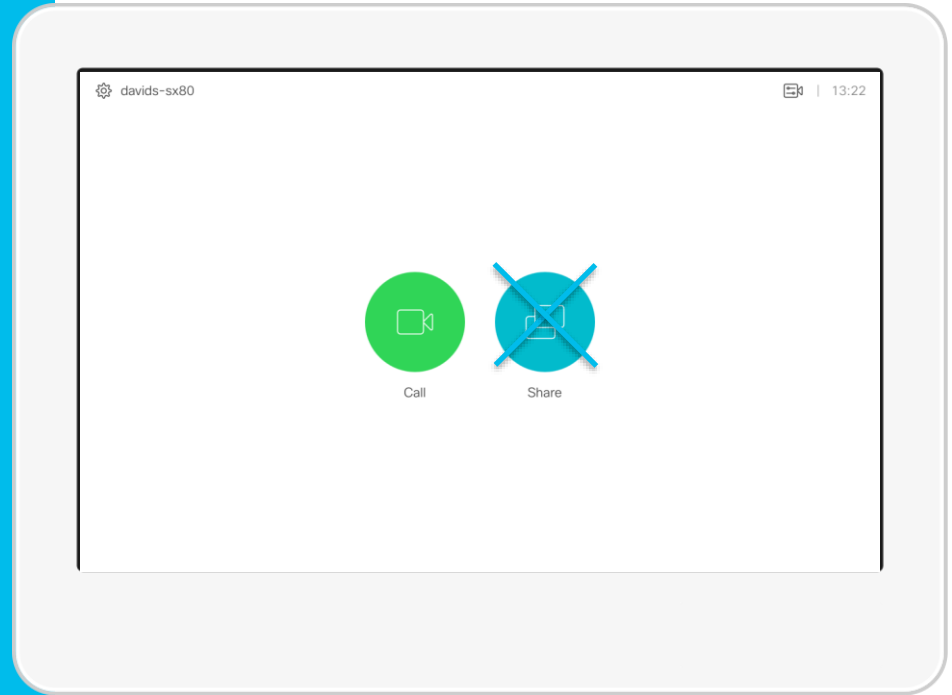
Alternative Calling Workflows



Not all rooms and workflows are alike

Case #5:

Policies and Regulations



Not all rooms and workflows are alike

Case #6:

Added Functionality

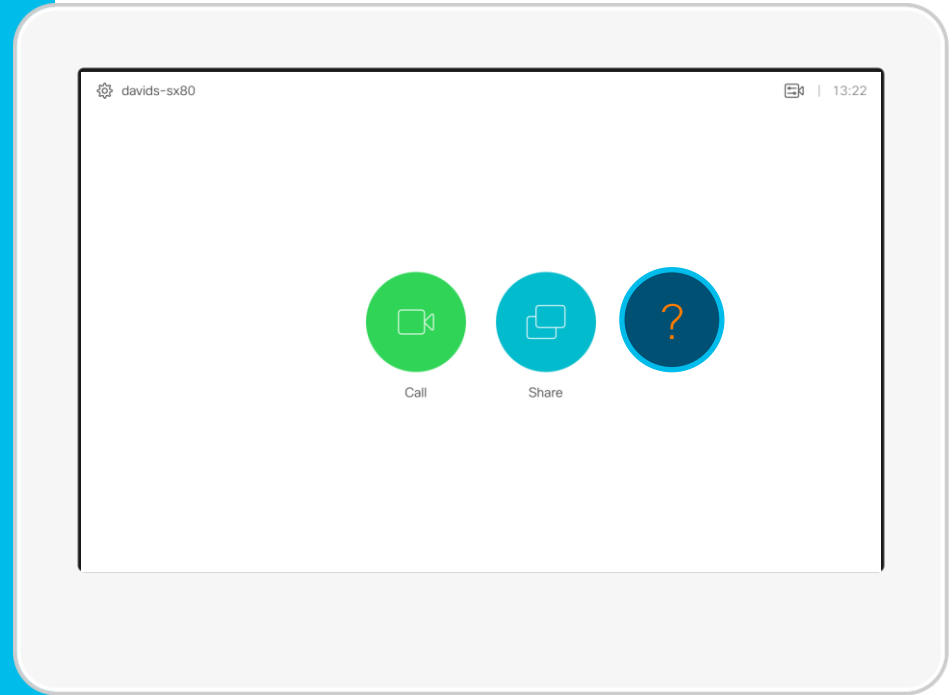
Help

CustSat Surveys

Speed Dials

+++

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Not all rooms and workflows are alike

Case #7:

Digital Signage



Not all rooms and workflows are alike

Case #8:

Branding

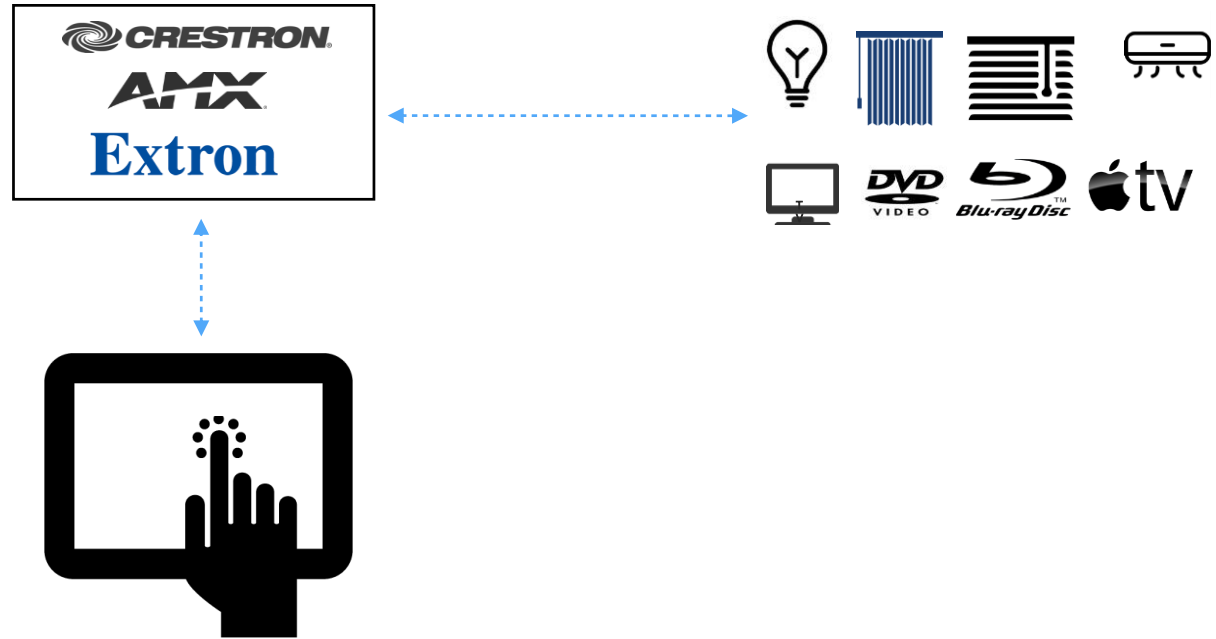


AV Integration – “The Cisco journey”



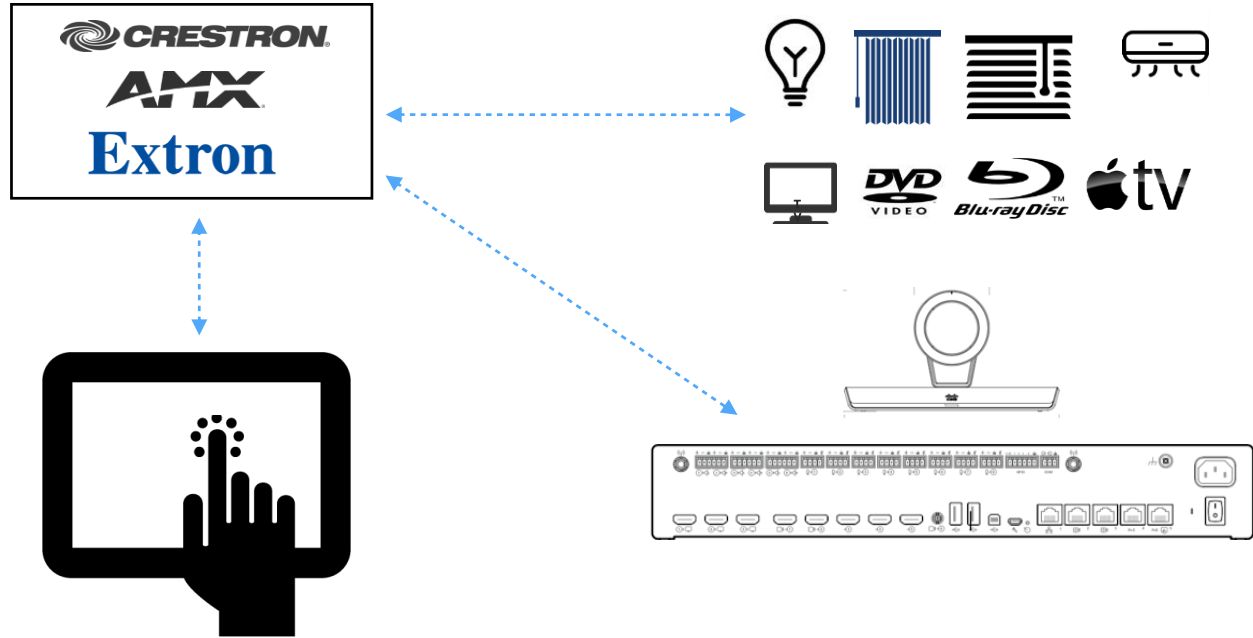
You make multi-cloud **possible**

Traditional – Customization and AV-integration



Traditional – Customization and AV-integration

- xAPI



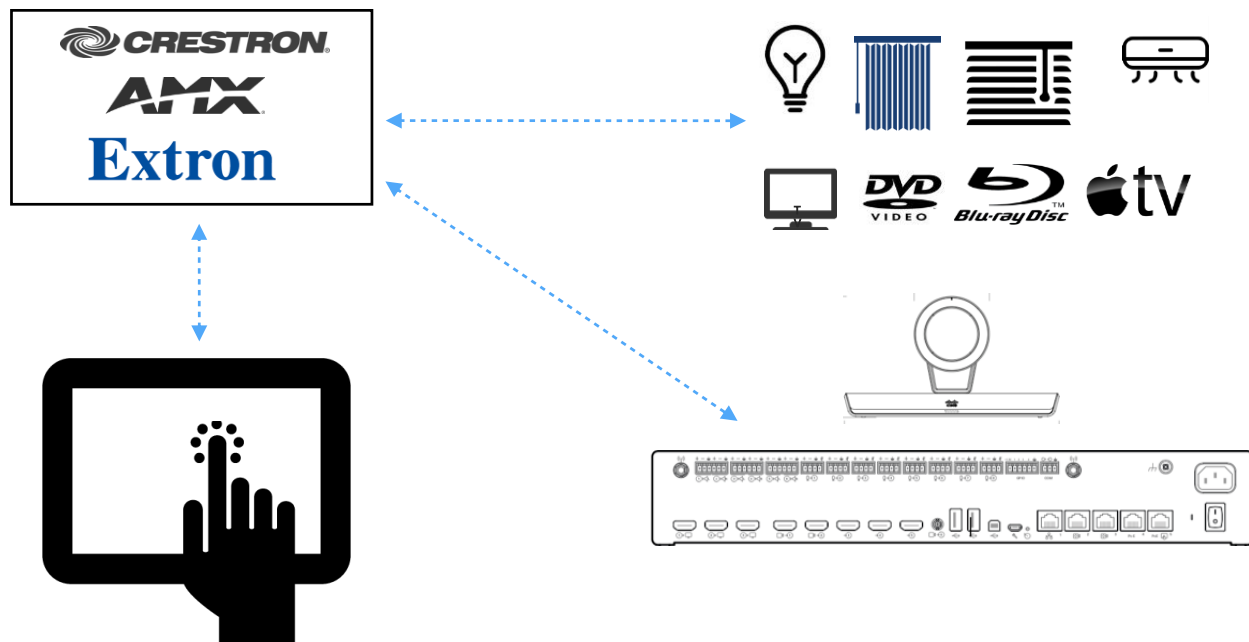
Event
Status
Command
Configuration



Demo: xAPI

Traditional – Customization and AV-integration

- xAPI



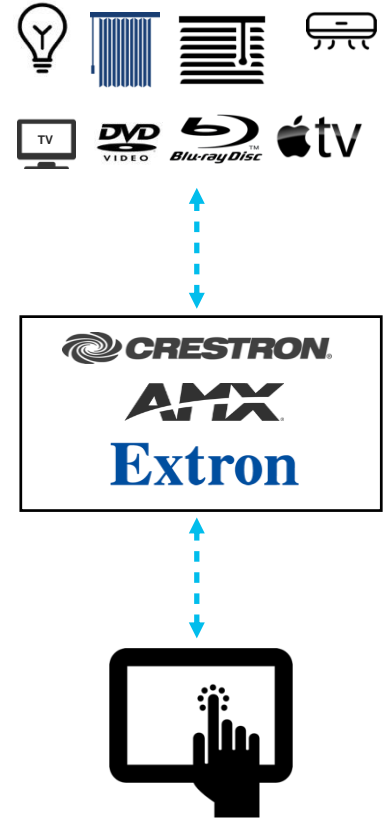
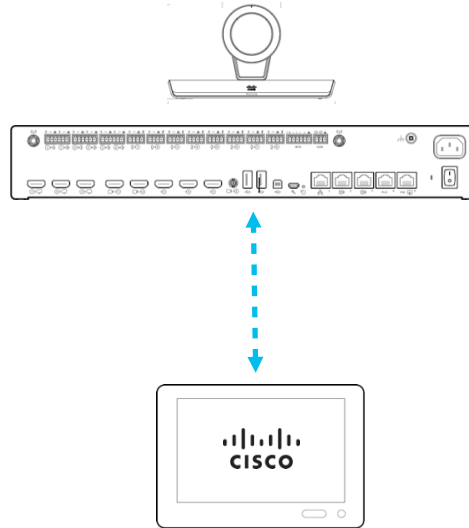
Event
Status
Command
Configuration



Custom VC GUI



Side-by-Side Controls





Side-by-side





Side-by-side

Custom VC GUI




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Ask From Customers

- From one interface: Control multiple devices in the room
- Ensure a great telepresence experience



Ask From Partners

A close-up photograph of a hand holding a pen, poised to write on a document. The image is overlaid with a semi-transparent blue rectangle containing three lines of white text. The background is slightly blurred, showing the texture of the paper and the hand.

Design
something that
is hard to mess
up

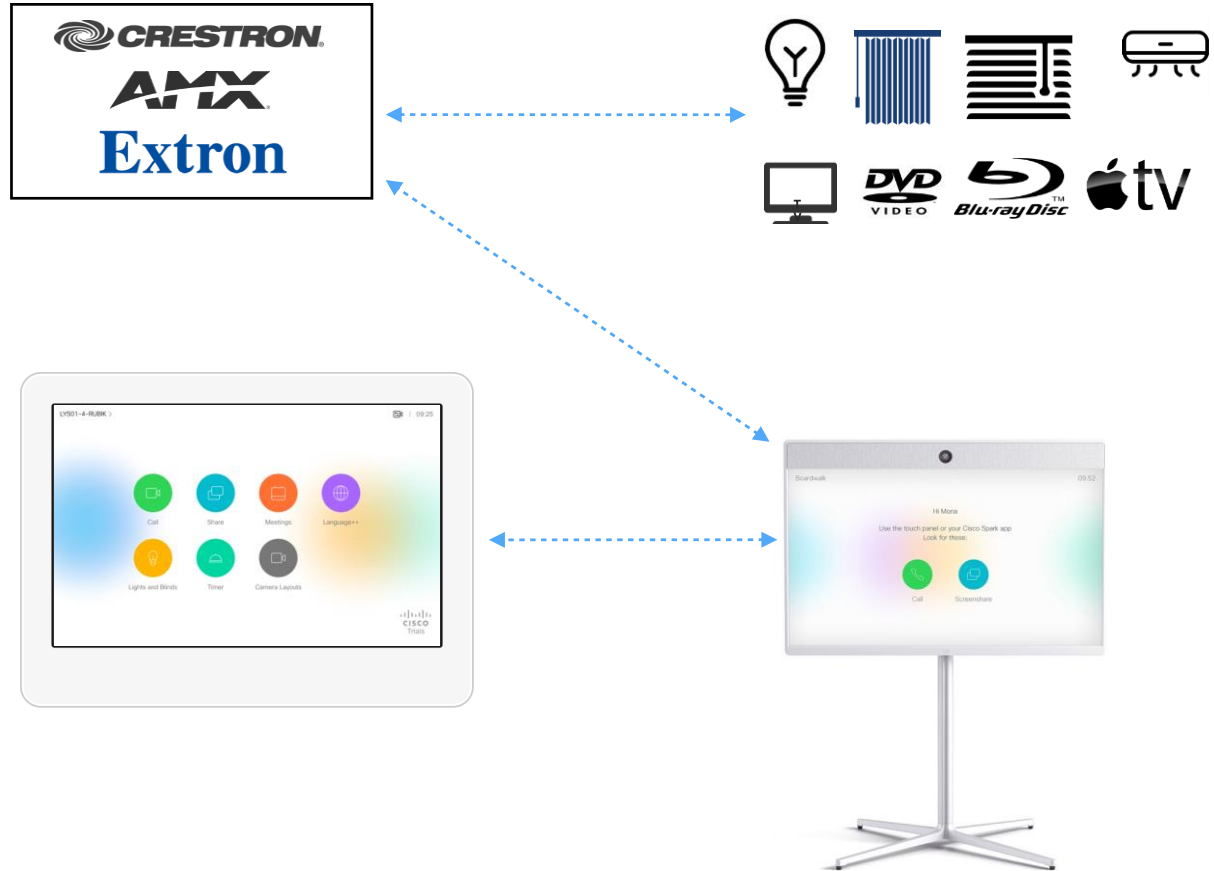
A scalable
solution to fit
most meeting
rooms

Worry free
software
upgrades

Cisco - Customization and AV-integration

- xAPI
- In-Room Controls

GUI-
Customization





Demo: In-Room Control

Cisco - Customization and AV-integration

- xAPI
- In-Room Controls
- **Macros**

Programmability



“CE Macros”

- “CE Macros” is a JavaScript programming framework
- Macros run on the codec
- Supported by all Room endpoints running CE firmware (except SX10).
- Full access to system status, configurations and commands
- Can react to any status change or events on the codec, or be triggered by user input including:
 - In-Room Control extensions on the Touch 10
 - GPIO signals (SX80, Codec Pro)
- Allows you to program custom behavior of the endpoint

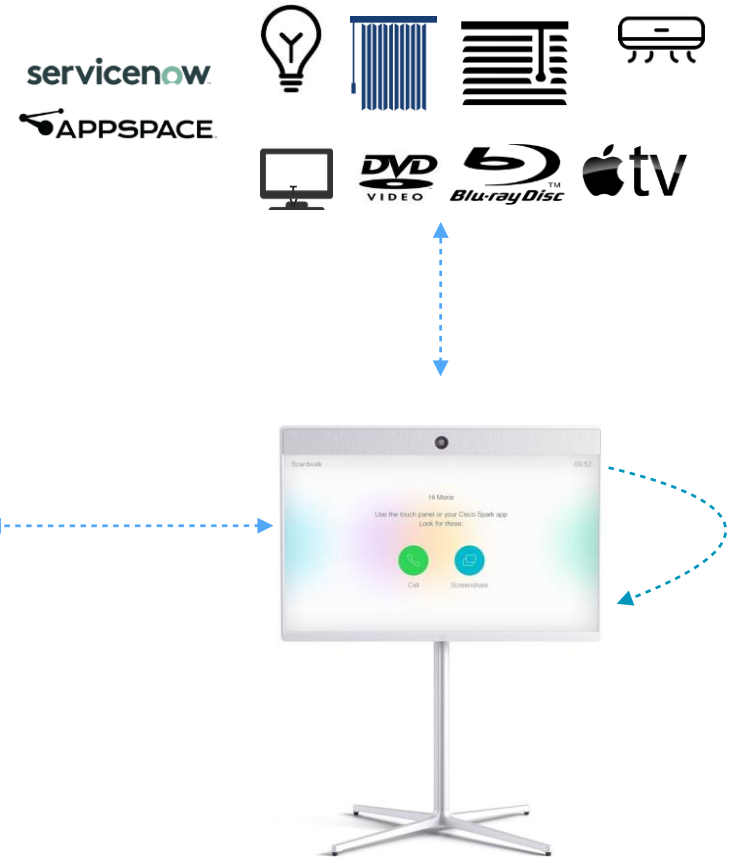


Demo: Macro

Cisco - Customization and AV-integration

- xAPI
- In-Room Controls
- **Macros**

Programmability



Customization and Integrations Suite

xAPI

In-Room Controls

Macros

Branding

Video Compositing, Audio Routing

Web Viewer – Digital Signage

I/O

Human Interface Devices
CEC

GPIO
Http Client

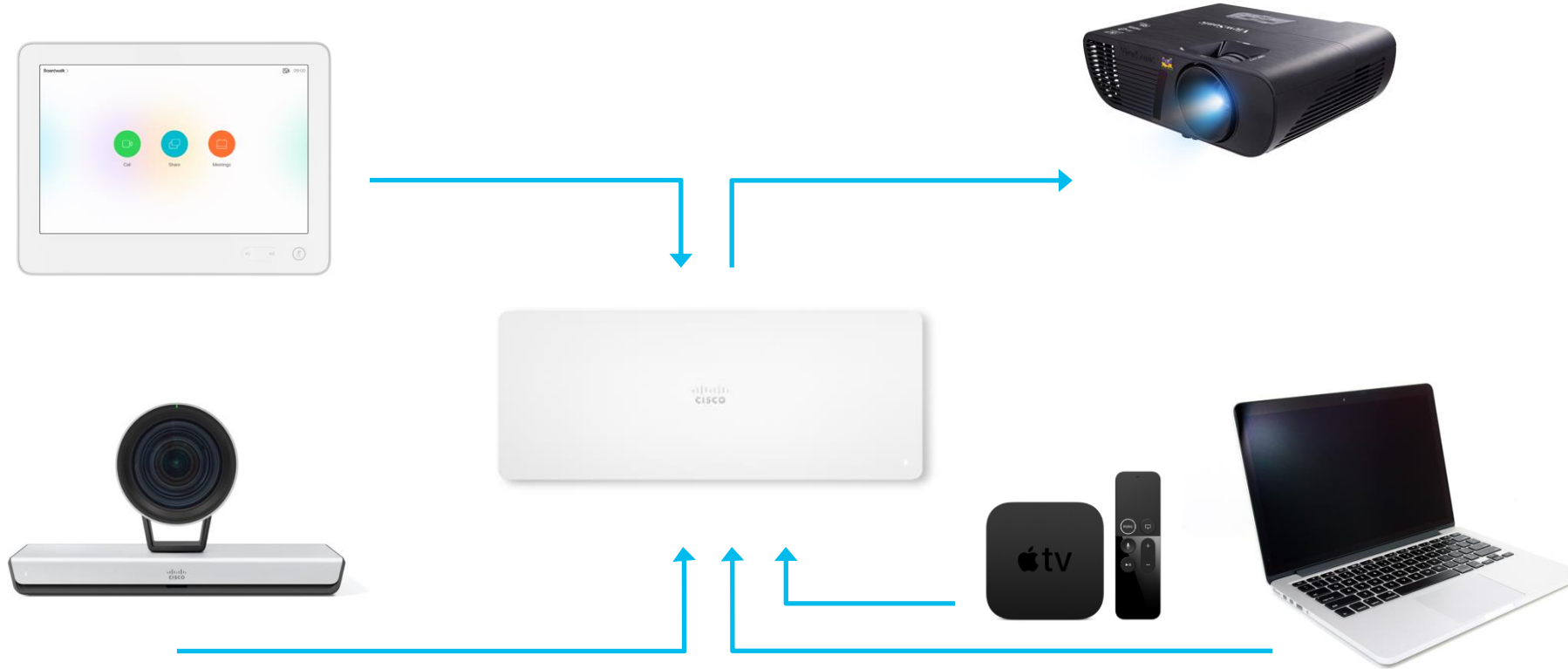
Room Analytics

Demos



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Demo Setup



Scenario 1 – “Meeting Room Plus”

Room feature requirements:

- *Environmental control (Lights and Blinds, HVAC, ...)*
- *Speed dial to helpdesk*
- *Multi Lingual Selector*

- Dual screen with custom layouts
- Wireless share
- 1x HDMI presentation cable with auto sharing
- Automatic wakeup and power save
- Branding
- Digital signage

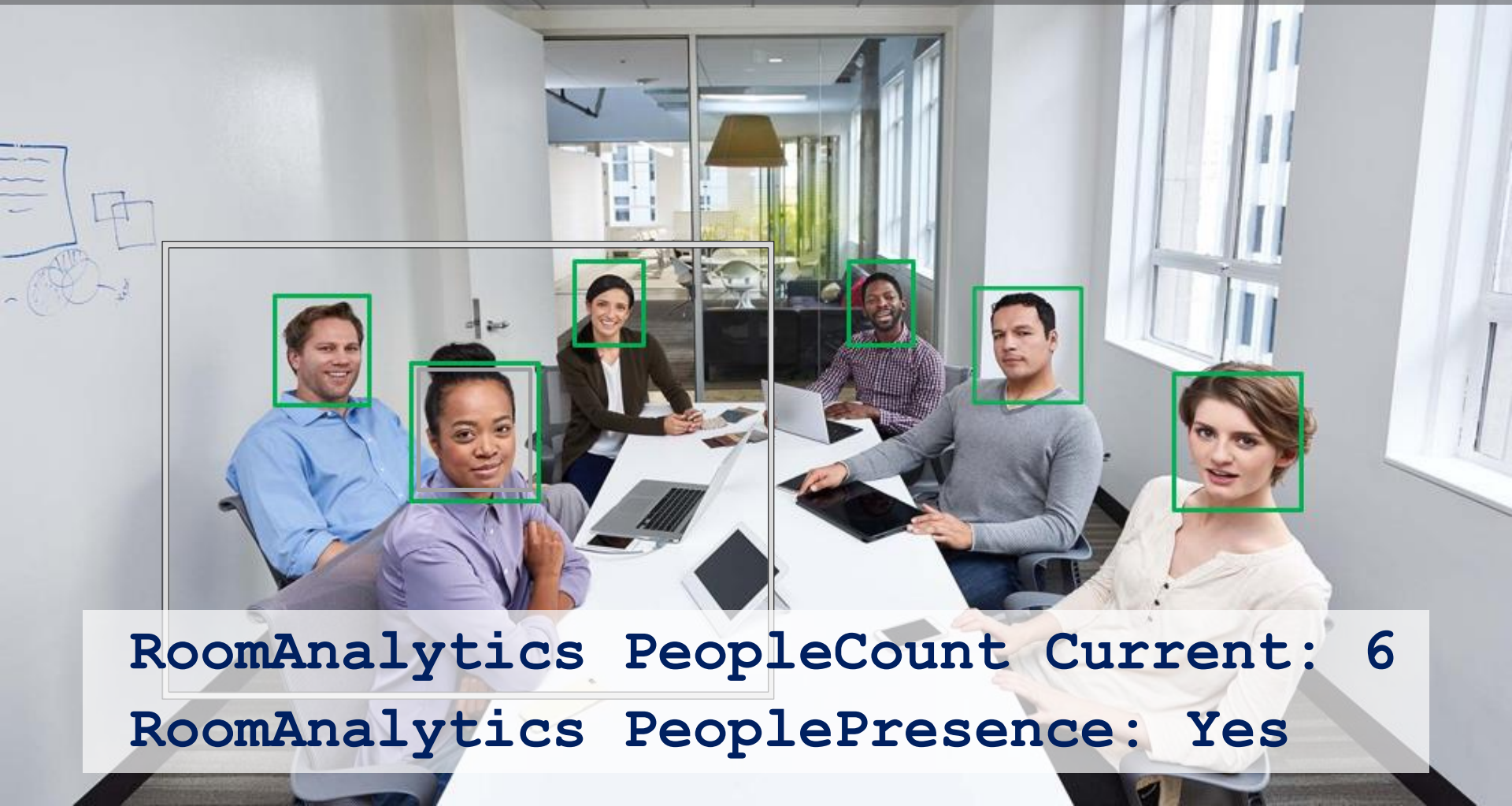
- TV-tuner (Apple TV)
- Audio only calling dialogue
- Report meeting room issues to WPR
- Customer satisfaction survey / Report Issue
- Occupancy Indicator and Room analytics



Audio distance: 1.90 Quality: 0.58 Far end: 0

F: 0.0% T: 86.4% U: 0.0% N: 0.0% S: 235

People count: 6



RoomAnalytics PeopleCount Current: 6

RoomAnalytics PeoplePresence: Yes

Scenario 2 – “Medical Examination Room”

Room feature requirements:

- Locked down GUI
 - “Kiosk-like” User Experience
 - No settings menu and unused buttons
 - Speed Dial to Experts
- Badge Scanning



Summary

- Endpoint Update
- Use Project Workplace for guidance and inspiration
- AV Integration
- Integration and Customization “Suite”
- Demo – 2x scenarios

Useful Links

- Project Workplace: <https://www.projectworkplace.com>
- For Developers & Integrators: <https://cs.co/roomdevices>
- InRoom Control: <http://www.cisco.com/go/in-room-control-docs>
- CE Customisation and xAPI Learning Lab:
<https://learninglabs.cisco.com/lab/collab-xapi-intro/step/1>
- Macro Samples: <https://github.com/CiscoDevNet/roomdevices-macros-samples>
- Forum Based Macro Support: <http://supportforums.cisco.com/>

Q & A



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1:1 meetings



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Thank you





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