# **Modern Workplace**

- Workplace Innovation
   Selecting Optimal Solution
   Company Introduction



The Leader of AV System Integration





# Why Workplace Innovation?



JLL (a global commercial real estate services company) conducted a survey regarding workplace innovation.





# **How to Achieve Workplace Innovation?**

communication, spatial boundaries,

collective intelligence



Harvard Business School researched the impact of the open workspace.



uncovering the impacts of architecture on collective behaviour'.

Rather than prompting increasingly vibrant face-to-face collaboration, open architecture appeared to trigger a natural human response to socially withdraw from officemates. People need a private and dedicated space for offline collaboration. eMails **IMs** 



# **How to Achieve Workplace Innovation?**



The starting point of designing workplace innovation

#### Dedicated collaboration spaces must help people to



# Meet more easily

- ✓ One touch scheduling
- ✓ One touch joining
- ✓ One touch calling



# Communicate more confidently

- ✓ No concern on quality
- ✓ No concern on leakage



# Control more intelligently

- ✓ Wireless sharing
- √ Voice-activated control
- ✓ Speaker tracking systems



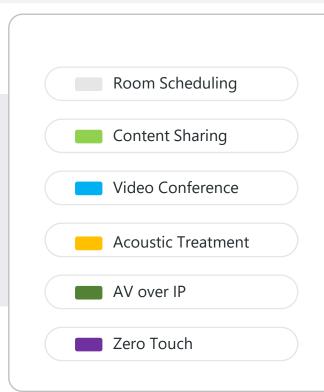
Six key features to consider for workplace innovation meet the essential needs of modern workplace

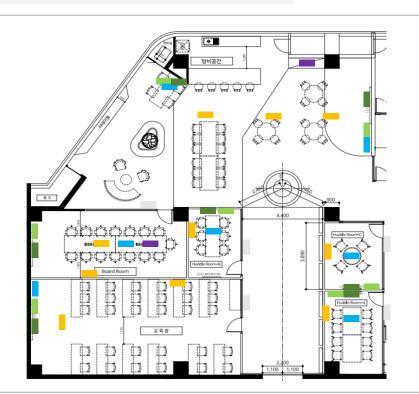






The key features are applied throughout the experience center. (https://jsavt.co.kr/vr-체험)







#### **Room Scheduling**

Helps people to easily check availability, reserve on the spot Hallway signs and colored lights show whether the room is occupied

#### Needs

- Easily check availability
- 2 Simply reserve on spot
- **3** No-show management
- **4** Statistical information





#### **Contents Sharing**

A key feature for online and offline meetings Wireless presentation system leveraging the existing office WiFi

#### Needs

- Cable-free environment
- **2** Easily shift presenter
- **3** Display info during idle
- 4 No security issue





#### **Video Conference**

If each of devices is separately installed, all hassle begin Having a packaged solution (reference design kit) is the best.

#### **Needs**

- **1** Simple connection
- 2 No need for setup
- 3 One-touch call
- 4 High quality





#### **Acoustic Treatment**

Audio quality during a call depends on network and SW Acoustic panels, right microphone affect the audio quality

#### Needs

- Minimize reverberation
- 2 Arrange mic cables
- **3** Pick up the voice equally
- **4** Harmonize with interior



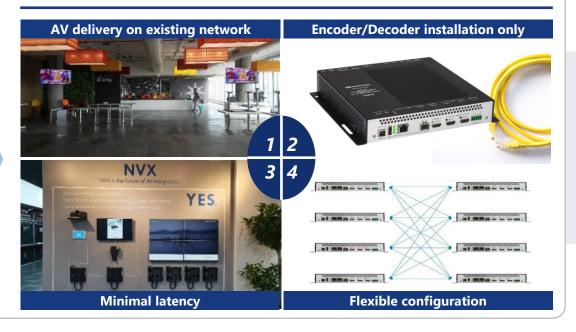


#### **AV** over IP

Handling audio and video traffic through the office network Minimizes cable installation and maximizes scalability

#### Needs

- Manage AV traffic
- 2 Minimize construction
- **3** Secure delivery quality
- **4** Obtain scalability





#### **Zero Touch**

People get more concerned about touching due to pandemic Control AV systems without touch using voice and sensor

#### Needs

- No remote controllers
- 2 No touch
- **3** Safe environment
- 4 Easy control







We designed the various spaces with the optimal AV systems.

	Huddle Room	Board Room	Training Room	Open Space
Room Capacity	4~8 seats	15~20 seats	30 seats	30~50 seats
Room Application	Small group collaboration	Presentation Meeting	Training	Open Event
Key Features	Quick Connection	Presentation Video Conference	Electronic Whiteboard Advanced Audio	Live Streaming Advanced Audio
Estimated Cost	TBD	TBD	TBD	TBD



#### **Huddle Room**

Ideal for 4~8 seats

Designed for small group collaboration



#### **Features**

- · MS Teams or Zoom enabled
- Easy to start sharing, join and book an online meeting

#### **Systems**

- 65" Dual TVs for content and people
- Powerful soundbar with built-in camera and microphone
- · Camera capable of people counting, auto framing
- Touch panel to simply control meetings
- · Room scheduling touch panel









#### **Board Room**

Ideal 15~20 seats

Designed for formal presentation and video conference



#### **Features**

- Wireless presentation from PC or mobile
- Flexible and intelligent sound transmission
- · Video conference with standard hardware

#### **Systems**

- 98" single TV with flexible screen layout
- Network-based wireless presentation system (AM-200 x1)
- Advanced ceiling microphone
- AV over IP system
- Touch panel to control AV devices







#### **Training Room**

Ideal for 20~30 seats
Designed for offline and online training



#### **Systems**

- 98" single TV with flexible screen layout
- Network-based wireless presentation system
- · Advanced ceiling microphone with voice reinforcement
- AV over IP system
- Touch panel to control AV devices

#### **Features**

- Simple and easy presentation from lectern, desk, table or phones
- Instructor tracking intelligent microphone
- · Video conference with standard hardware
- Wall mounted touch panel helps instructor easily control devices







#### **Open Space**

Ideal for over 30 seats
Designed for open event, seminar



#### **Systems**

- 98" single TV with flexible screen layout
- Network-based wireless presentation system
- Triple advanced ceiling microphones with voice reinforcement
- AV over IP system
- Touch panel to control AV devices



#### **Features**

- Three mode audio environment (presenter, video conference, open)
- · Optimal sound performance for the open event
- · Easy configuration on wall mount touch panel



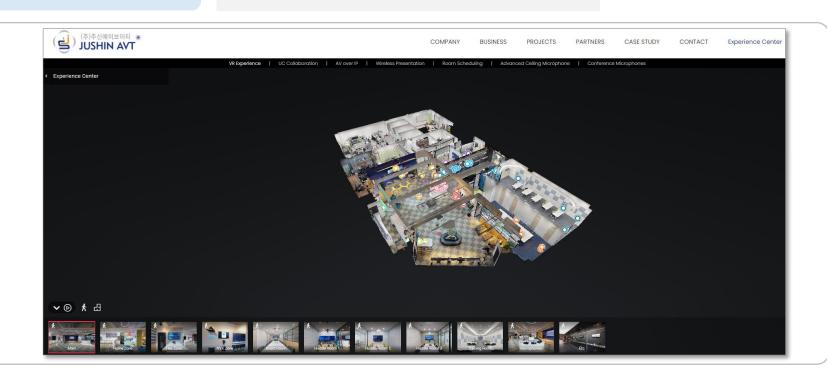






## **Experience Center**

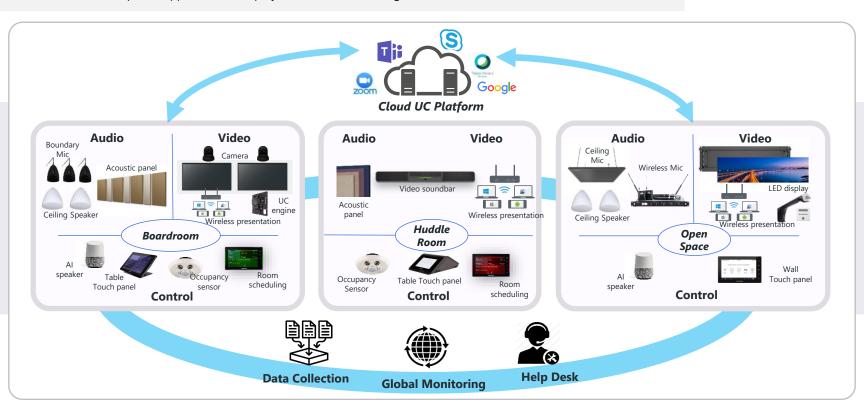
https://jsavt.co.kr/en/vr/



# **AV and IoT driven Modern Workplace**



IoT driven modern workplace supports smart deployment and smart management.



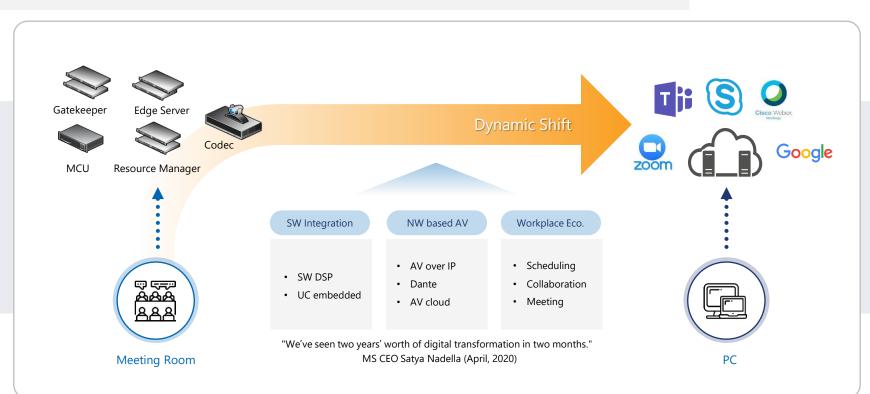
# **Selecting Optimal Solutions Microsoft Teams Room Devices**



# **□□** A Big Dynamic Shift



The SW platforms are driving the changes in the meeting rooms.







# **Meeting Room Devices at a glance**



	Small Meeting Room	Medium Meeting Room	Large Meeting Room	Custom
Dimensions	3m X 3m	4.5m X 5m	4.5m X 8m	8m X 8m
People	5~7	~11	~18	18+
poly	Studio X30	Studio X50  Collaboration Bar	G85-T	G10-T
@CRESTRON.	B30/BX30/MM30-T	M50/MX50-T	<b>2</b> • • • • • • • • • • • • • • • • • • •	C100/CX100-T (w/ AV accessories)
logitech	MeetUp for Teams	Rally Kit for Teams	Rally Kit Plus for Teams	



# **Huddle Room**

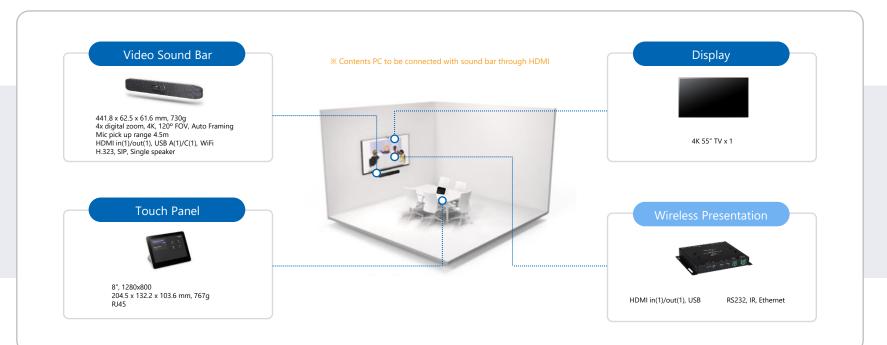


Poly Studio X30 (Single Display)

Simple package with video sound bar and touch panel Poly HW codec is built in.

Dimensions 3m X 3m

People 5~7





## **Huddle Room**



Poly G40-T (Dual Display)

Video sound bar, Teams PC (MTR), and touch panel
Supports dual display for content and people on separate screens

Dimensions 3m X 3m

People 5~7





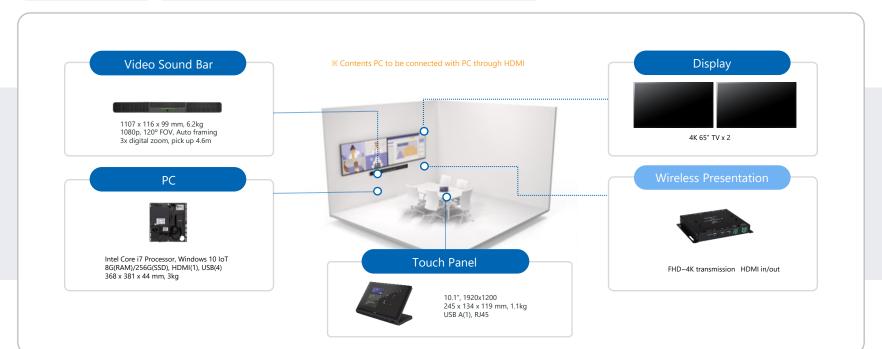




Crestron BX30-T (Dual Display) Video sound bar, Teams PC (MTR), and touch panel Supports BYOD

Dimensions 3m X 3m

People 5~7





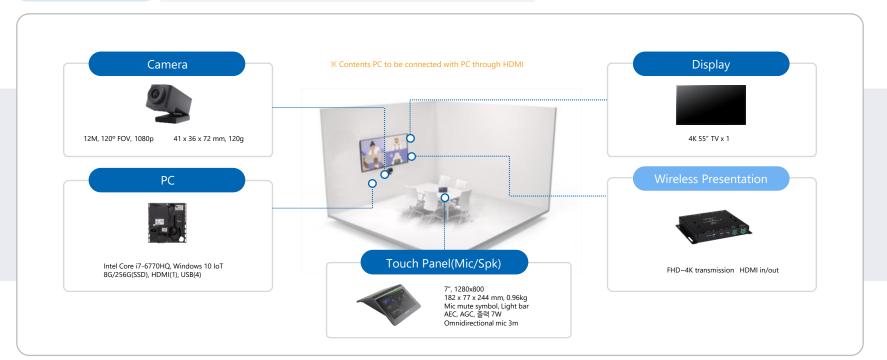




Crestron MM30-T (Single Display) Camera, Touch Panel with built-in mic and speaker, PC(MTR) Supports single display for content and people

Dimensions 3m X 3m

People 5~7





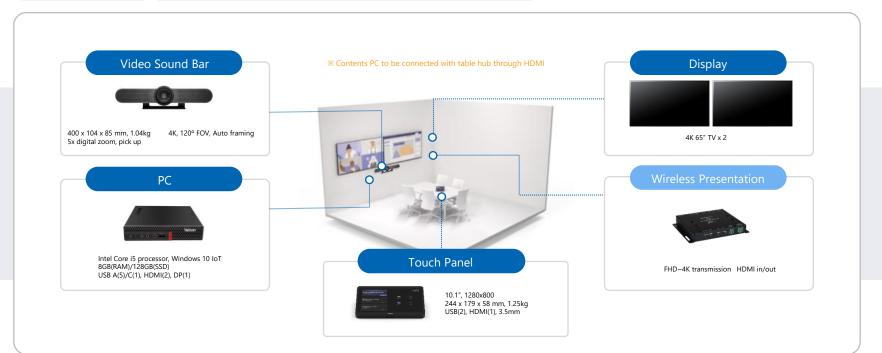




Logitech MeetUp (Dual Display) All-in-one sound bar, PC(MTR), Touch panel Supports dual display for contents and people

Dimensions 3m X 3m

People 5~7





# Medium Meeting Room

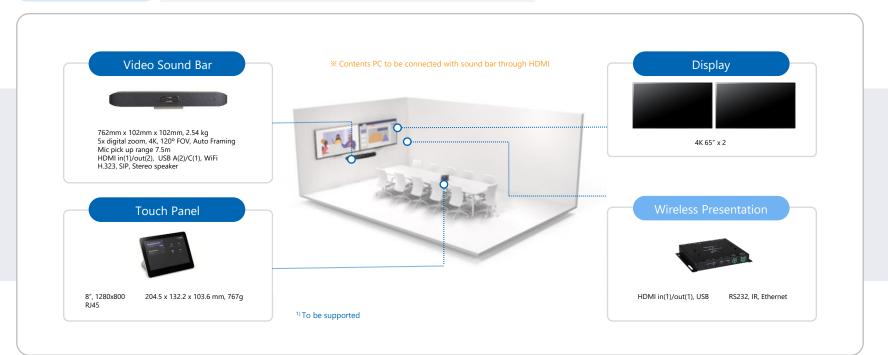


**Poly Studio X50** (Dual Display) 1)

All-in-one sound bar(Collaboration Bar), touch panel Poly HW codec is built in.

Dimensions 4.5m X 5m

People ~11







# Medium Meeting Room



**Crestron MX50-T** (Dual Display)

Camera, Touch panel with built-in mic and speaker, PC(MTR) Supports BYOD

Dimensions 4.5m X 5m Dimensions

People ~11



# 105 HARRA Large Meeting Room

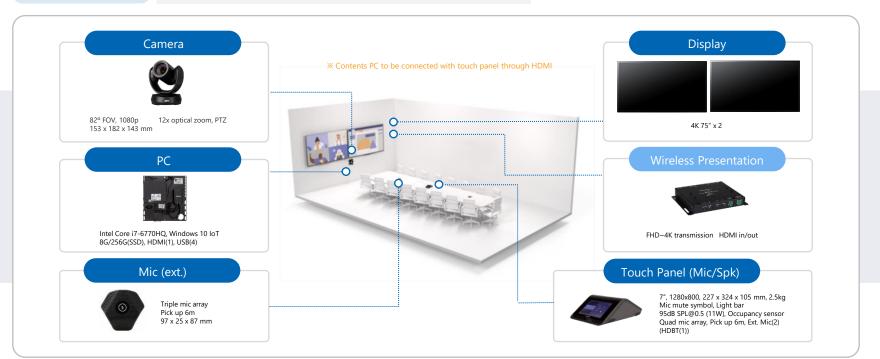


**Crestron MX70-T** (Dual Display)

PTZ camera, PC(MTR), Touch panel with built-in mic/speaker Supports BYOD

Dimensions 4.5m X 8m Dimensions

People ~18



# 105 HARRA Large Meeting Room

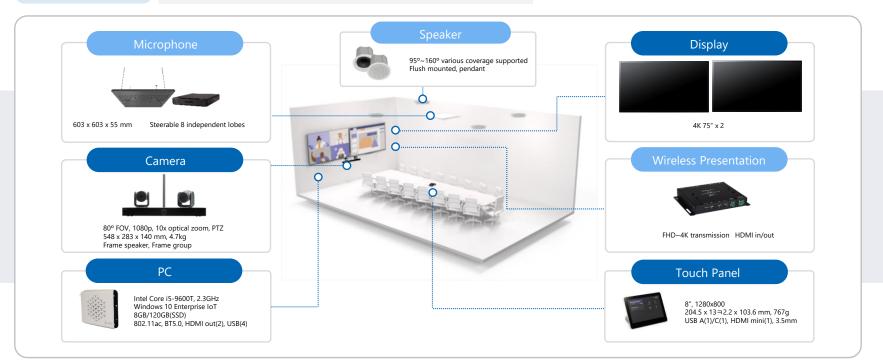


Poly G85-T (Dual Display)

Full automatic speaker tracking camera, PC(MTR), Touch Panel Ceiling microphones and speakers supports clean environment

Dimensions 4.5m X 8m

People ~18



# **105 Large Meeting Room**

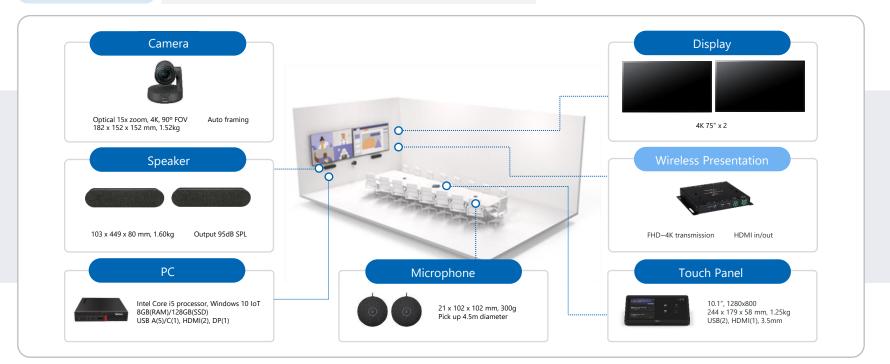


**Logitech Rally Plus** (Dual Display)

Tabletop mic(2), front speakers(2), PTZ camera, PC(MTR), touch panel Separate table hub and video hub connect all cables

Dimensions 4.5m X 8m Dimensions

People ~18





# 06 ☐ Customized Room

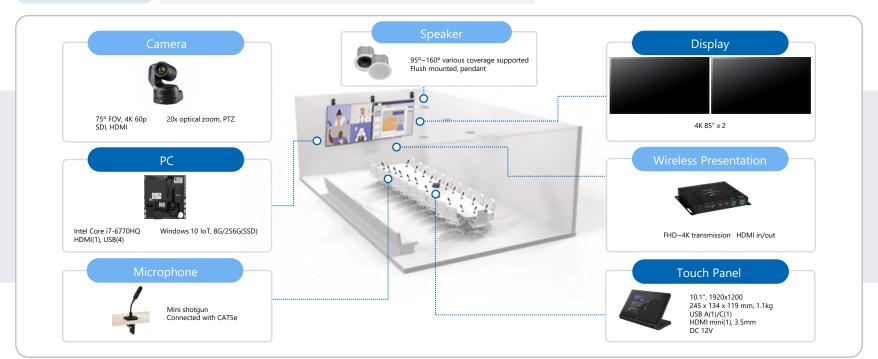


**Crestron CX100-T** (Dual Display)

Camera presets are called by microphone activation The optimal audio environment for voice lifting

Dimensions

People 18+







# **Collaboration Room**



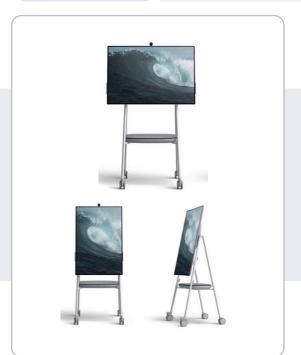
Microsoft Surface Hub 2S (50")

Teams embedded collaboration tool Supports co-creating

Dimensions 3m X 3m

People 5~7

Inquiry: info@jsavt.co.kr





Main display for huddle rooms



Collaboration tool for medium meeting room



# Benefits of MTR (comparing with BYOD/PC)



## Reliability

- Microsoft certified devices
- Only for Teams/Skype for Business
- High quality



## Scalability

- Enterprise level full deployment
- Remote setup & configuration 1)
- Interoperable with AV control <sup>2)</sup>



#### Usability

- Proximity Join
- One-touch join/calling
- Consistent, intuitive, inclusive
- Join Cisco, Zoom meeting <sup>2)</sup>



### Manageability

- Remote health monitoring <sup>3)</sup>
- Professional technical supports
- Always ready and up-to-date



<sup>1)</sup> Crestron XiO Cloud

<sup>&</sup>lt;sup>2)</sup> Collaboration Bar is not applicable

<sup>3)</sup> Microsoft Teams Admin Center





# MTR vs Collaboration Bar



	Microsoft Teams Rooms	Collaboration Bars	
Operating System	Windows 10 IoT Enterprise	Android	
Service Support	Microsoft Teams and Skype for Business	Microsoft Teams	
All in one unit	No	Yes	
Dual Display Support	Yes	No (Yes from '21)	
Control interface	Room touch panel	Room touch panel	
Use case	Small, Medium and Large rooms	Personal, small or huddle rooms	
Support for external cameras, room audio systems	Yes	No	
Transmit video resolution	Up to 1080p	Up to 720p (1080p from '21)	
Number of participants video viewed concurrently	9 (3×3)	4 (2×2)	
Support to connect to Zoom and WebEx meetings	Yes	No	
Content Camera/traditional whiteboard capture	Yes	No	
Present whiteboard from the unit	Roadmap	No	
HDMI input to screen share	Yes	No (Yes from '21)	
Proximity Join	Yes	Yes	
Custom Branding	Yes	No	

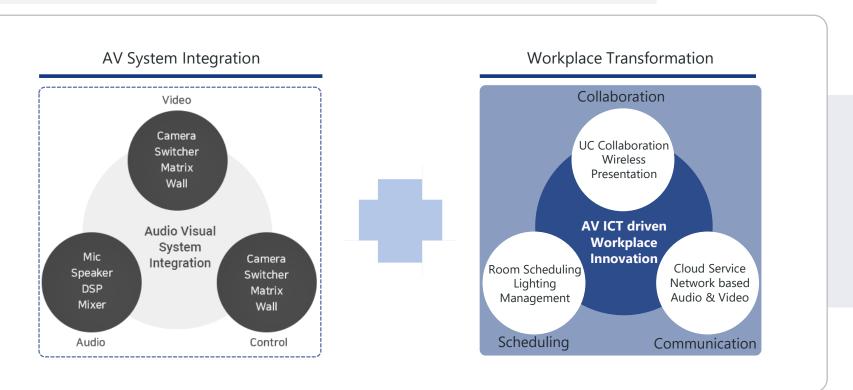




# **Leading Workplace Innovation**



JUSHIN AVT is a top-tier AV system integrator in the country with over-20-year experiences.





# **Offering Global AV/ICT Solutions**



Partnering with global players of the AV and UC market we are offering the latest and greatest solutions.









# **Successful Projects – Large Enterprises**



We have completed many of boardrooms, executive rooms, conference rooms in headquarter offices of large enterprises.





# **Successful Projects – Government**



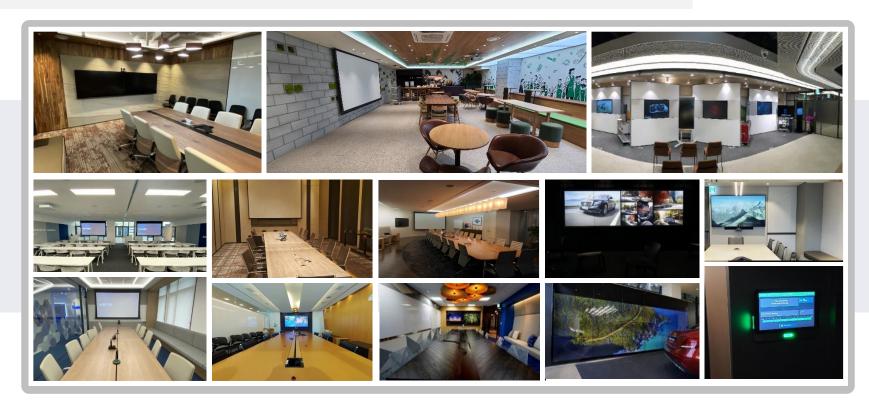
We have completed a number of conference rooms and meeting rooms for the state council and ministry offices.



# **Successful Projects – MNCs**



Microsoft, Starbucks, Google, Nestle, Chanel, JLL, Invesco, MMC, MetLife, Swagelok are all our customers.



## **Certificates and Licenses**



We are holding the legally authorized licenses and the global certificates issued by global AV associates and alliances.





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