



COLLABORATION SPOTLIGHT

ELECTRONICS MANUFACTURER

LOCATION: ILLINOIS
AV INTEGRATOR: ROOMREADY

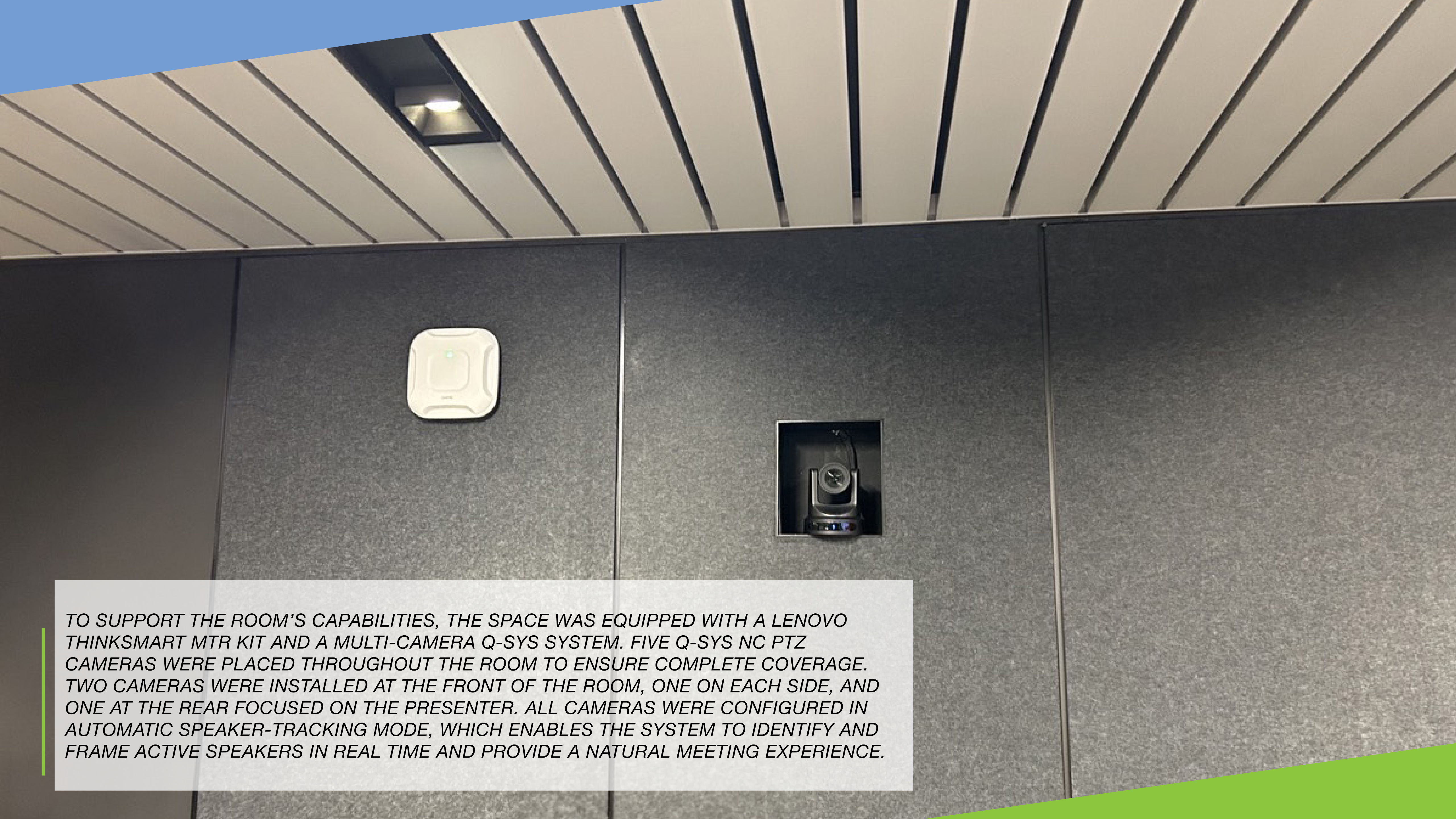
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WHEN A MAJOR ELECTRONICS MANUFACTURER SET OUT TO ENHANCE THEIR PREMIER CONFERENCE ROOM, THEY TURNED TO ROOMREADY TO CREATE A HIGH-PERFORMANCE ENVIRONMENT THAT WOULD ELEVATE COLLABORATION FOR LEADERSHIP AND KEY STAKEHOLDERS.





THE CENTERPIECE OF THE UPGRADE IS A STUNNING PLANAR VIDEO WALL MEASURING 19'10" WIDE BY 5'6" HIGH WITH A 1.8MM PIXEL PITCH. ITS EXPANSIVE 32:9 FORMAT IS FULLY OPTIMIZED FOR MICROSOFT TEAMS FRONT ROW, WHICH ALLOWS PARTICIPANTS TO VIEW ATTENDEES, SHARED CONTENT, AND CHAT AT THE SAME TIME WHILE MAKING THE MOST OF THE AVAILABLE SCREEN SPACE.



TO SUPPORT THE ROOM'S CAPABILITIES, THE SPACE WAS EQUIPPED WITH A LENOVO THINKSMART MTR KIT AND A MULTI-CAMERA Q-SYS SYSTEM. FIVE Q-SYS NC PTZ CAMERAS WERE PLACED THROUGHOUT THE ROOM TO ENSURE COMPLETE COVERAGE. TWO CAMERAS WERE INSTALLED AT THE FRONT OF THE ROOM, ONE ON EACH SIDE, AND ONE AT THE REAR FOCUSED ON THE PRESENTER. ALL CAMERAS WERE CONFIGURED IN AUTOMATIC SPEAKER-TRACKING MODE, WHICH ENABLES THE SYSTEM TO IDENTIFY AND FRAME ACTIVE SPEAKERS IN REAL TIME AND PROVIDE A NATURAL MEETING EXPERIENCE.



AUDIO COVERAGE WAS HANDLED BY THREE SENNHEISER TEAMCONNECT CEILING 2 MICROPHONES THAT WERE POSITIONED THROUGHOUT THE ROOM TO DELIVER CONSISTENT PICKUP. THESE MICROPHONES WORK TOGETHER WITH THE Q-SYS CAMERA SYSTEM TO GUIDE ACCURATE SPEAKER FRAMING AND SMOOTH TRANSITIONS WHEN MULTIPLE PEOPLE ARE CONTRIBUTING TO THE CONVERSATION.



BEHIND THE SCENES, THE PROJECT CAME WITH UNIQUE ENGINEERING CHALLENGES. TO ACHIEVE A CLEAN, STREAMLINED LOOK, THE LED WALL WAS RECESSED INTO A NARROW NICHE. ALTHOUGH THIS DESIGN ENHANCED THE AESTHETICS OF THE SPACE, IT SIGNIFICANTLY REDUCED AIRFLOW AROUND THE DISPLAY. LIMITED VENTILATION WOULD EVENTUALLY LEAD TO OVERHEATING AND REDUCED PERFORMANCE. TO MAINTAIN THE PLANAR SPECIFICATION OF OPERATING BELOW 104°F, THE ROOMREADY TEAM DESIGNED AND IMPLEMENTED AN ACTIVE COOLING SYSTEM THAT KEEPS AIR MOVING CONSISTENTLY BEHIND THE WALL. THIS SOLUTION PRESERVED BOTH THE VISUAL DESIGN AND THE LONG-TERM RELIABILITY OF THE VIDEO WALL.



HARDWARE INCLUDED IN THIS PROJECT:

- *PLANAR TVF 1.8 10X5 LED VIDEO WALL (19'10"W X 5'6"H)*
- *PLANAR VC4-L-F VIDEO CONTROLLER*
- *5 QSC NC-20X60 PTZ CAMERAS*
- *3 SENNHEISER TEAMCONNECT CEILING 2 MICROPHONES*
- *LENOVO THINK SMART MTR KIT*
- *MICROSOFT TEAMS*



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