SISPL ELEVATES CATERPILLAR'S CORPORATE BOARDROOM WITH WORLD-CLASS AV INTEGRATION

SISPL (Solutions India System Pvt. Ltd.), one of the top providers of digital meeting rooms solutions, recently deployed state-of-the-art AV solutions at one of the corporate boardrooms in India. This case study, shared exclusively with AV-ICN Expo Magazine, explores intricacies witnessed during the deployment and the team's dedication to deliver world-class communication and collaboration solutions to the client.

SISPL integrates corporate boardroom with 110" display for high-resolution output, wired presentation setup, and Huddly camera for high-quality video conferencing

The client required state-of-the-art AV installation for their corporate boardroom to enhance their meeting and presentation capabilities. SISPL's team was briefed to equip the boardroom with a 110" display for high-resolution output during presentations and meetings, wired presentation setup using a mercury device with BYOD (Bring Your Own Device) capability, and a Huddly camera for seamless integration with Teams/Zoom meetings, providing high-quality video conferencing.

SITE RECCE AND INSTALLATION FEASIBILITY

Before the project commenced, **SISPL (Solutions India System Pvt. Ltd.)** conducted a thorough recce of the site to ensure the feasibility of the installation and to pre-empt any potential challenges. The team carefully examined the space and layout, confirming the

suitability of the designated spots for each piece of equipment. The recce was crucial for the smooth installation of all materials.

There were minor challenges related to conduit, electrical, and data point placements, as other vendors were working simultaneously. However, with effective coordination between the vendors and SISPL, these issues were resolved without significant delays or obstacles.

CHALLENGES AND SOLUTIONS WITH THE PROJECT

The team encountered various challenges during the deployment of corporate boardroom. Some of the challenges included:

1. **Vendor coordination:** There were minor site issues with other vendors regarding conduit, electrical wiring, and data points, especially during the civil and ply work phases. By maintaining open communication and regular team meetings, SISPL ensured that all aspects of the installation aligned smoothly with the client's needs.
2. **Delayed display delivery:** The delivery of the 110" display was delayed due to supplier issues. With the client's approval, SISPL temporarily installed a 75" display that was available at the moment. Once the 110" display arrived, the team seamlessly replaced the smaller display without any complications or client dissatisfaction.

AV DESIGN OVERVIEW

The overall design was managed by **Crestron** and the project management and technical integration were managed by **SISPL**, ensuring that the system met the client's expectations for functionality and ease of use. The Crestron system was chosen for its seamless integration capabilities, providing a unified and intuitive experience for all users. As per the BOQ, all equipment was delivered and installed according to the client's specifications.

CLIENT'S FEEDBACK

Client expressed their appreciation for SISPL's professionalism and dedication, despite minor challenges with material availability. Their feedback highlighted the team's ability to adhere to the project schedule and overcome obstacles: "I appreciate your team's efforts in delivering this project on time despite some material dependencies. Throughout the project, your team demonstrated a remarkable level of commitment, ensuring that all tasks were completed effectively and according to the schedule. We look forward to the remaining items being expedited in collaboration with the Crestron team."

UNIQUE FEATURES OF THE PROJECT

This AV installation stood out to SISPL team for its simplicity and user-friendliness. Notable highlights included:

- A 110" single seamless screen, providing a striking and high-quality visual experience.
- A complete Crestron system for seamless integration, offering intuitive operation and an excellent user experience.
- The project's simplicity in operation, with an intuitive Graphical User Interface (GUI), that made the system user-friendly, which was a key client requirement.

CONCLUSION

SISPL successfully delivered the AV

INVENTORY LIST:

Cable Management System by Crestron:
- Fliptop, FT2 Series cable management system, 500 size, electrical, pass- through lid, black - FT2-500-ELEC-PTL-B
- FlipTop, FT2 Series cable management system cable pass - through plates modules - FT2A-PLT-PT-10
- FlipTop, FT2 Series cable management system blank plate modules - FT2A-PLT-BLANK-10

Display by LG:
- 110" display

BYOD UC Integration by Crestron:
- Crestron Flex Advanced Tabletop Large Room Video Conferencing System -UC-MX70-U

Switching Interfaces and Controllers by Crestron:
- DM NVX 4K60 4:4:4 HDR network AV encoder/decoder - DM-NVX-360
- DM NVX USB over Network with routing, remote - DM-NUX-R2
- 4- Series control system - CP4N
- 10.1 in. tabletop touch screen, black smooth - TS-1070-B-S

project, transforming the boardroom into a high-tech, user-friendly environment that supports both wired and wireless presentations, as well as efficient video conferencing. Despite the minor challenges faced during deployment, the team's commitment to quality and effective problem-solving ensured the project was completed to the client's satisfaction.