

# INDIA & MIDDLE EAST

## Aesthetix Integrates AV Infrastructure for Data Patterns

Data Patterns is an electronics based firmware manufacturing company who is a wholly owned subsidiary of Indus Techsite, India. Aeronautical, Electronics and Radar, HAL, ISRO, Space application centres, weapons and electronics system are some of their major clients. Aesthetix was contracted successfully to integrate audio visual systems for their Board Room, Video Conference Room and Training Halls.

The video conference room was designed and fitted with a high definition video conferencing system (Polycom HDX 8002) and Dual LCD HD displays (Sanyo 47XR) for near end and far video applications. There are also nine boundary microphones (Audio Technica – ES947), installed on the table with Mute buttons and twelve channel Echo Canceller DSP (Polycom Soundstructure C12) for audio conferencing with the telephone hybrid (Polycom Soundstructure TEL1).

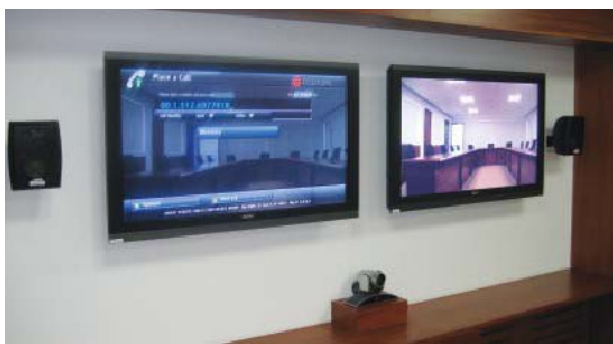
Four ceiling speakers (PROFX) and two FOH speakers (Australian Monitor Install 30) serve the purpose of audio reinforcement with a multichannel amplifier (Inter-M QD 4240). Nine cable cubbies (Extron CC200) are consistently fixed on the table with show my laptop buttons. All the laptop inputs from the cable cubbies, a DVD Recorder (Pioneer DVR650H) and the HDX video conference system with their respective audio are all connected with a 12x4 wideband matrix switcher (Extron Crosspoint 450Plus). The video of the switcher outputs are connected to the displays while their audio to the DSP.

The control system incorporates an 8.2 inch Wi-Fi touch panel (Crestron TPMC – 8x) with a Wi-Fi access point, an economic series control processor (Crestron AV2) with single port Ethernet card (Crestron C2ENET-1), and also a contact closure module (Crestron CNPI 16B) for push buttons interface. Each and every one of the microphone inputs and the audio from the matrix switcher is connected to the amplifier, speakers and the DSP.

A 6-channel lighting controller dimmer (Crestron CLSI-C6MW) is installed at the entrance for controlling all the lights in the room, while a 12-channel florescent dimmer control module (Crestron CH-AO12-D5) serves every florescent dimmable ballast control functions. All the equipments are incredibly organized in two open equipment racks surrounded by the credenza. Extremely smart and excellent wiring and cabling had been done on rack end.

The 2nd Floor Board room was installed with Front projection systems including a 4000 ANSI lumens projector (Sanyo PLC XU110) and Wall Talker Erase Rite 60. A Mimio Xi white board recorder has been installed with the wall talker for capturing the annotations.

The cable cabbies (Extron C200) and boundary microphones (Audiotechnica ES 947) are mounted with show my laptop and mute buttons on the table. All the cable cubbies and a DVD player (Pioneer DV Series) are connected with a 12x4 RGBHV matrix switcher (Extron Cross point 450Plus) and their



four outputs are connected with a multi window graphic processor (Extron MGP 464) to the projector.

All the microphones and audio inputs are connected with a 12-channel AEC DSP (Polycom Soundstructure C12). Four ceiling speakers (PROFX) and two FOH speakers (Australian Monitor Install 30) serve for audio reinforcements with the multichannel amplifier (Inter-M QD 4240).

The control system includes a 8.2 inch Wi-Fi touch panel (Crestron TPMC – 8x), an economic series control processor (Crestron AV2) with single port Ethernet card (Crestron C2ENET-1) and also a contact closure module (Crestron CNPI 16B) for push buttons interface.

A 6-channel lighting controller dimmer (Crestron CLSI-C6MW) was installed at the entrance for controlling all the lights in this room, and a 12-channel florescent dimmer control module (Crestron CH-AO12-D5) was used for the florescent dimmable ballast control purpose. All the equipment were stacked in one closed 22U equipment rack and an exceptional cable dressing had been done on the rack end.

Since its completion, the AV infrastructure has been in use almost every day. This install has provided Data Patterns with a platform for collaboration and training for their new and existing team as well as interacting with potential clients and showcasing their capability.