



AUDIO VISUAL PVT LTD

About Us

Established in 2011

Team have passionate members who have been in the Audio Visual , IT Networking , ICT , Acoustic , IOT industry. We have expertise in doing Technology Design Consulting services for Office Space, Board room , Auditoriums , Studios , Training center's , Executive briefing Centre, NOC Center's , Data Center's , Museum ,Outdoor video walls , Production Studios etc.

Located in Major Cities of India . We Have been Working with Large Organizations ,Institution's , Hospitality , along with World class architects and project management group

With a over all experience's of 20+ years in the Industry



Our Values

Passion

- *Passion for technology is one common string that connects all the employees It inspires us to be at the forefront in use of new technologies and serve our customer's better.*

Customer Focus

- *Every decision made is centered around our customer's best interest.*

Process

- *Process oriented project delivery with trained and experienced team. The integrity in our work is reflected in our unbiased approach while taking professional decisions*

Innovation

- *Our reputation for innovation stems from our ability to understand what will be needed by our customer's before it is asked for.*



Company Vision & Mission

Vision

- *Enhancing growth for our partners & Team.*
- *Building a legacy while enhancing experience .*
- *To Become a “GO TO” company for enhancing your Technological Experience..*

Mission

- *Delivering Experiences*
- *Agreeing or Convincing but never compromising*
- *Increasing the net worth of its team*
- *We will always work as partners*
- *Respecting Individual, personal & professional Commitments*

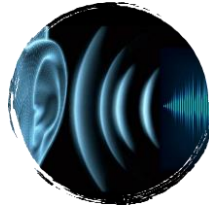


Our Services



Audio Visual Design Services

- Office Space
- Experience center
- Command Center
- Digital Signage
- Auditorium
- Project management
- Control Programing
- Budgeting
- Quality Check & Control
- Hospitality
- Museum
- Projection Mapping.



Acoustics Design Services

- Sound masking
- Acoustical Simulations and Recommendations.
- Acoustical Field Test & Commissioning Conduct Noise Survey and Report.
- Audio & Acoustic Simulations for Auditoriums,
- Multipurpose hall, Atriums, Airports, Railway Stations etc..



Smart Technologies

- Smart Access
- Desk Booking
- Occupancy
- Smart cafeteria
- Lighting automation
- Intelligent Building
- Energy saving
- Face Recognition
- Way Finding
- Boom Barriers
- Holographic
- Live production & Streaming
- AR & VR

Smart to Intelligent Spaces

Today offices & Infrastructure are already smart ,but Building intelligent for the same will help in collecting data & Managing it accordingly , With the help of Sensors , Actuators, Microchips etc. Centralized Equipment management system for Audio Visuals , Lighting management system for All LMS Controls , Energy management System . Creating Dashboard

Single Platform to create a Smarter & Productive office area. To have Energy efficient, Operationally efficient & get towards Green corporate office. Provides Monitoring & Utilization reports of the System.

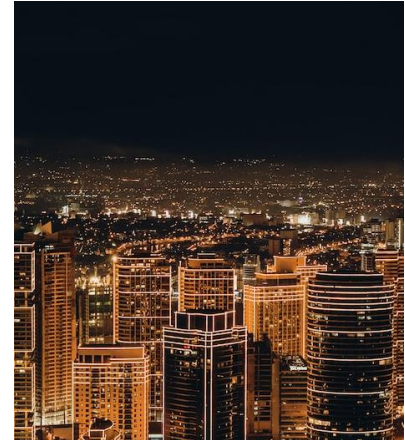
Intelligent Access

Frictionless access to office via Face Recognition, Seamless access to building lobby, lifts and workspace, not just for employees but also for visitors and clients for any industry .

Parking management Guide ,Identifying free parking Slot , Live tracking of Transport Vehicles, vehicle counting and number identification.

Intelligent Security

Face Capturing , Digital Access via Visitor Management system , Tracking the visitor , Asset tracking , Object detections , Cyber Security for Digital & connected infrastructure ,Secured Cloud infrastructure for all Digital Data and Data base



Energy Management

Energy management : Systems used to monitor, measure, and control electrical building loads. Systems can be used to centrally control devices like HVAC units and lighting systems

E-Metering: Monitor energy consumption of individual assets (HVAC, Lighting, UPS, DG)

Data Center Monitoring: Monitoring the individual Server rack temperature, Humidity, CO2 level, water leakage detection and same data will be shown on the centralized server. In case the temperature/CO2/Humidity goes high/Low, System will notify (SMS/e-mail) to the concerned person to take the action. In Addition, to that, we can integrate with Server Monitoring Application , Access control, and Security cameras.

Wireless Occupancy Sensor: Sensor will detect the human being presence and switch ON/OFF the lights and also send the information to the server. So that facility managers can analyze the occupancy pattern.

VFD Control: Sensor will detect the human being presence and transmit to the centralized server. The Server will analyze the occupancy pattern and gives the command to the wireless controller to speed UP/Down the VFD.

Meeting Room Solution : Solution Will Show Which Meeting room is Occupied/unoccupied .

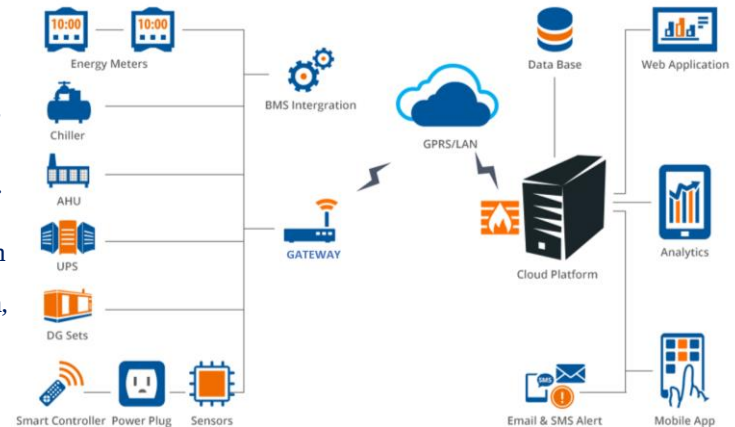
Chiller Monitoring: Monitor the chiller parameters remotely and Analyze the chiller behavior and remotely change the configuration.

UPS & Battery Monitoring: Monitoring the UPS parameters like Voltage, Current, Backup time, etc.

Centralized Monitoring : Monitoring the UPS parameters like Voltage, Current, Backup time, etc.

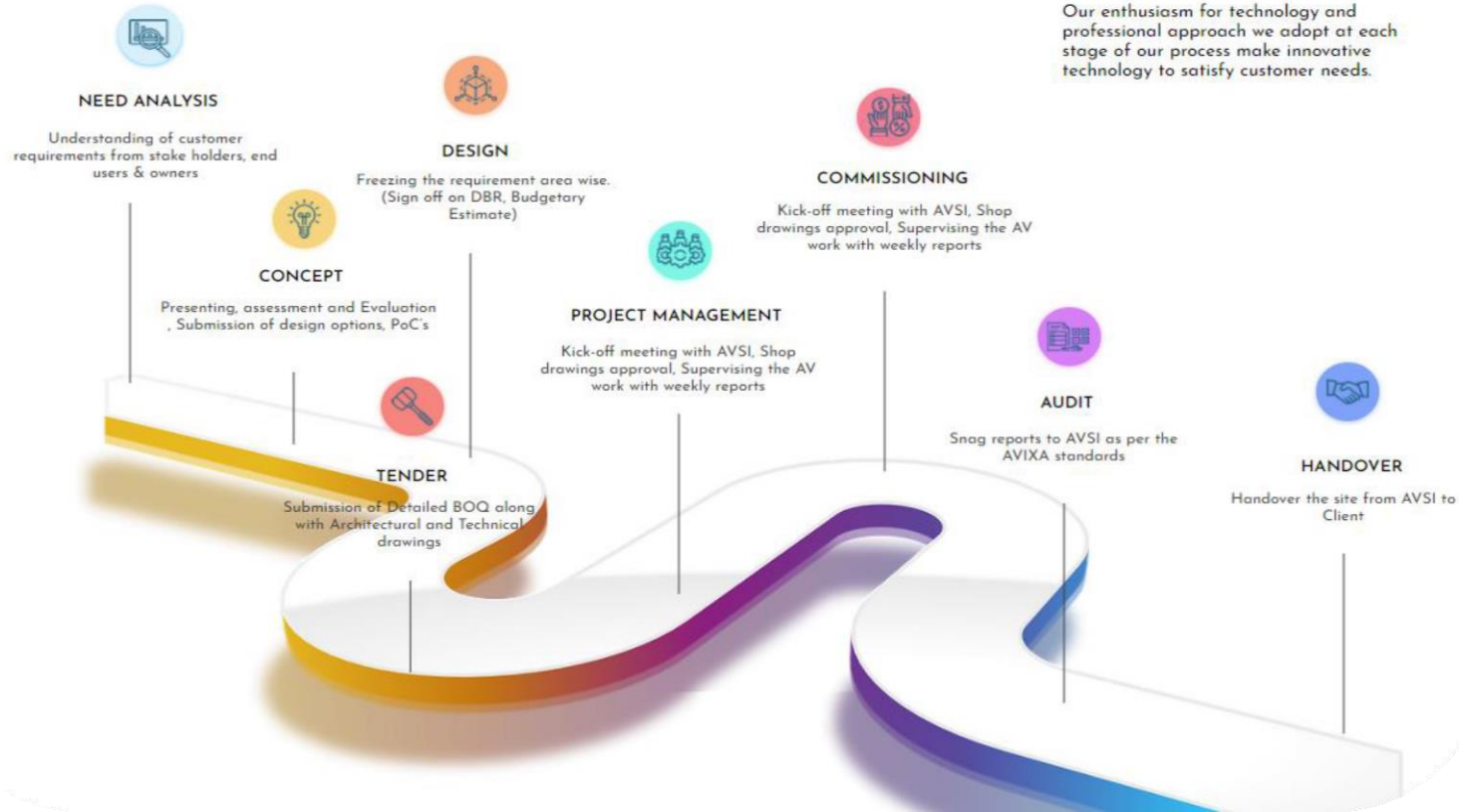
AHU Monitoring & Control: Reducing the visits of Facility team each floor and each AHU room

Diesel Generator Monitoring: System will monitor the DG parameters like Energy, Alarm, Engine Oil, Fuel level

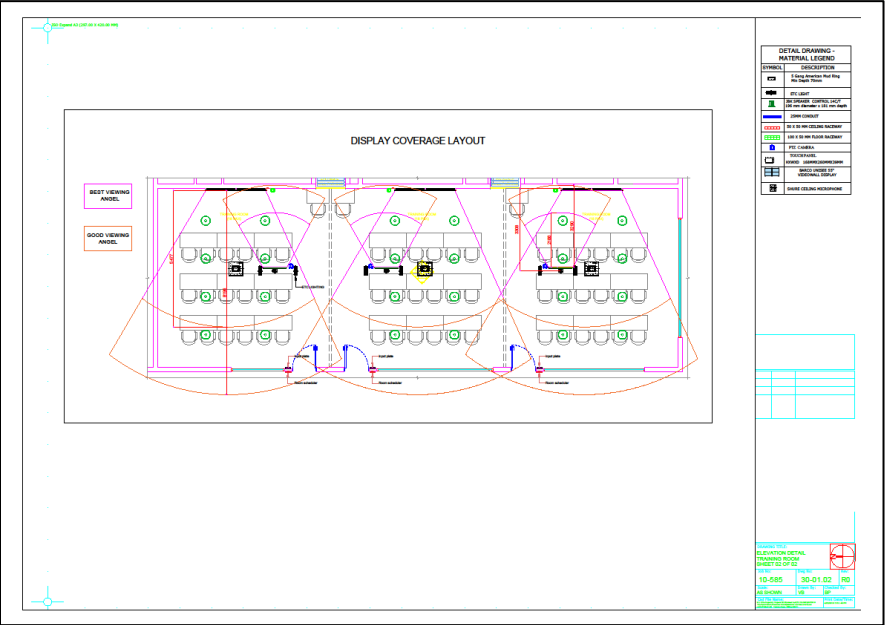
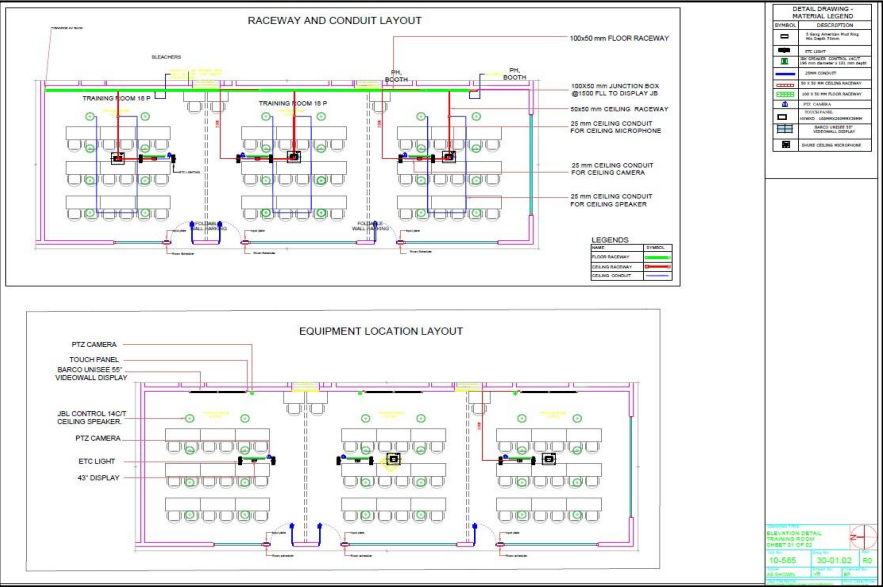


Our Process

Our enthusiasm for technology and professional approach we adopt at each stage of our process make innovative technology to satisfy customer needs.



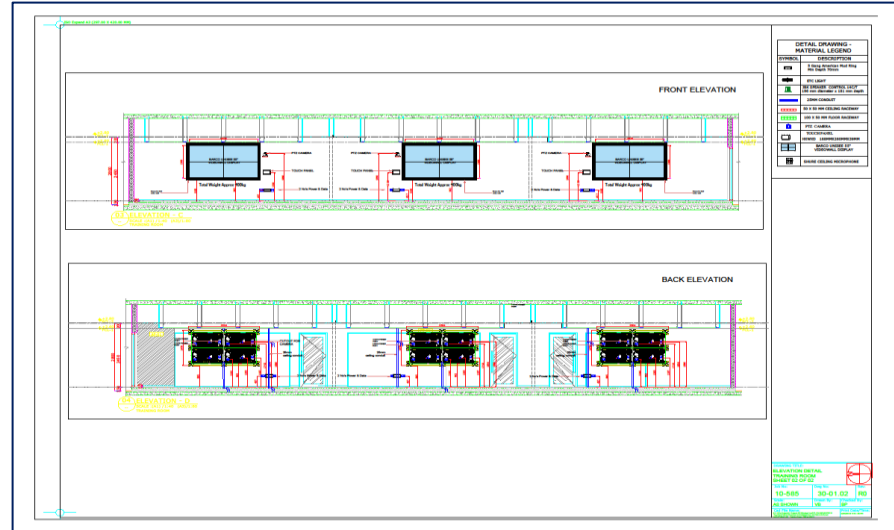
Drawing Templates Reference



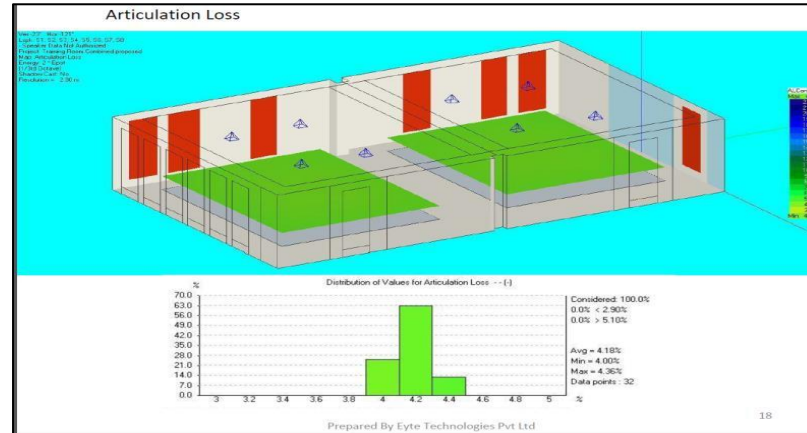
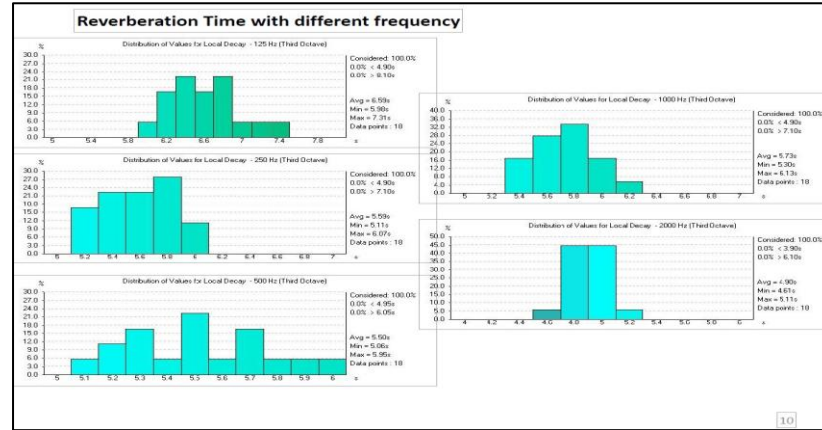
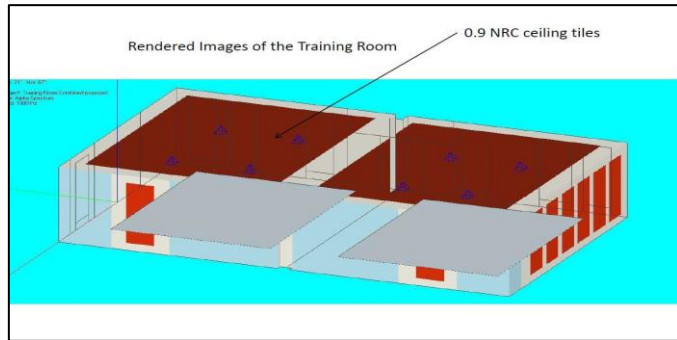
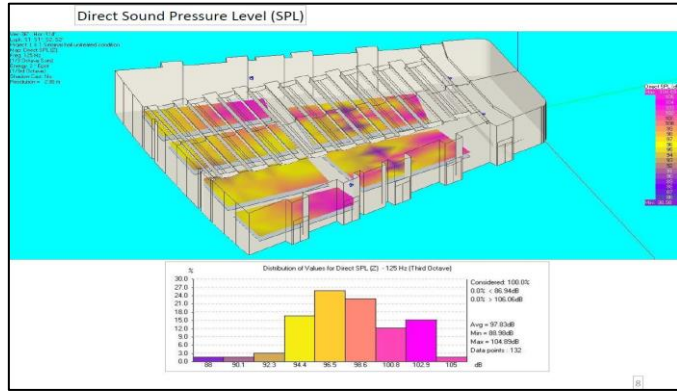
RIGHT SIDE VIDEO WALL ELEVATION WITH OUT FRAME



MATERIAL LEGEND	
SYMBOL	DESCRIPTION
	5 Gang American Plug Ring Max. Depth: 75mm
	ETC LIGHT
	SM SPEAKER - CONTROL (4x2) 100 mm diameter x 102 mm depth
	20MM CONDUIT
	50 x 50 RRS CEILING RACKWAY
	100 x 50 RRS FLOOR RACKWAY
	PTE CAMERA
	WIRELESS DATA
	HORNED - 1000MMx200MMx100MM
	BAPCO ULTRASE 50" YOUR CHASSIS TO DISPLAY
	SHURE CEILING MICROPHONE



Ease Simulation reference



CASE STUDIES



Typical Projects :

Smaller & Medium Meeting rooms 4-6-8-10 pax : Are Equipped with displays, Wired & Wireless presentation systems, camera & microphone for video conferencing, Auto switcher, Sensors, Room schedulers, Automation etc.

12 Pax Meeting : Are equipped with displays, Wired & Wireless presentation systems, Video Conferencing systems, Ceiling microphones, Camera , Touch Interface , Auto/Matrix Swithers, Room scheduling, Occupancy Sensors, Room scheduling, Speakers etc.

20 Pax Meeting : Are equipped displays, Wired & Wireless presentation systems, Video Conference System, Ceiling microphones, DSP, Auto/ Matrix Swither, Room scheduling, Occupancy Sensors, Speakers etc.

Training rooms: Multiple Training Rooms are used in Individual & Combine mode Scenario with features like Presentation using Digital podium, Hardware & software-based Video conferencing, Projection systems/ Large Displays/Video Walls, Wired & Wireless presentation, Wireless Microphone system using Antenna distribution, Recording & Streaming the session, audio and speech reinforcement, Video reinforcement via multiple displays.

Amphitheatre : Projection screen with sound System.

VC Platforms(According to the Client's Standards):



Microsoft Teams



zoom



webex
by CISCO



Google Meet



BlueJeans



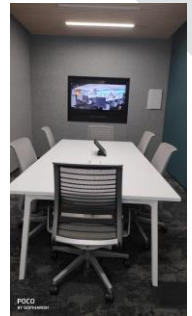
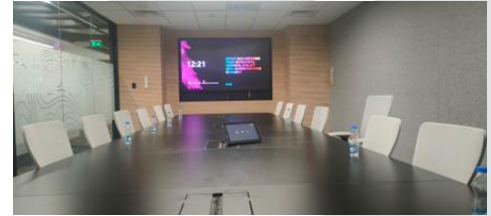
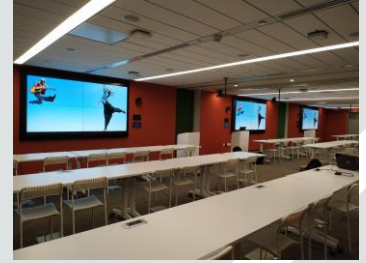
GoToMeeting



poly



lifesize



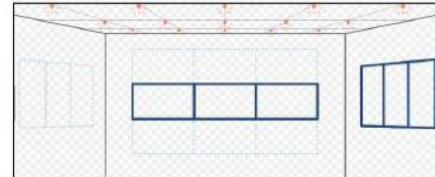
Noc center :

Security Experience center ,The design is based on the latest in Direct Led display,collaboration and real-time, interactive telepresence technologies. Center consist of Board rooms, Huddle space , Digital signage , Recording rooms, Cyber SoC .

The Main Command Center technology is truly where the magic happens -outfitted with an operator console, enough displays to view real time cyberattack updates from anywhere in the room, and an Oblong Mezzanine system for an interactive presentation experience . 1.2mm Pixel pitch large wall for showing the content and their operators is provided through interactive tracking devices and optical user wands.

Video processing devices to allow multiple sources to seamlessly display on the screen at any given time as well as a wireless microphone system enabling speech to be heard on this exterior system . A custom programmed control system enables control of all Main Command center technology, conference room and exterior AV system operations from one place.

Visual Collaboration : Monitoring, Analyze data & Solving problems Collaboration will be achieved with Mezzanine 650 unit built in features and Wand. Multiple Content Sharing Placing and Adjusting the content in the workspace canvas Collaborate multiple site together for sharing the content simultaneously
Capture whiteboard snapshots



PGICL:

Indian multinational ridesharing company, headquartered in Bangalore. It also operates in other business verticals . Entire Meeting rooms , Collaboration Area , Digital Signages & Reception Large Wall

4 pax – 10 Pax Meeting Rooms : Equipped with displays with Suitable size , Zoom room Integration with Display , PC , Camera , & I – Pad .

Board Room's : Equipped with large displays, VC with Speaker Tracking Camera , Ceiling Microphone , Switching & Table connectivity .

Open collaboration & Workstation

Equipped with large displays, Digital signage system for cooperate content

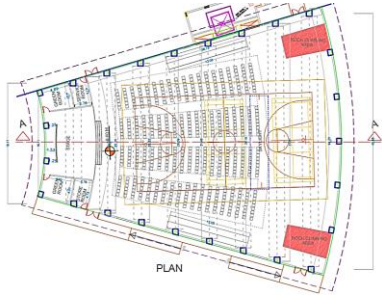
Reception

Large LED wall with Digital signage



IOCL :

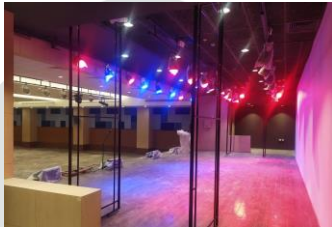
Direct LED Video Wall, FOH, Subwoofer, Stage Monitors, Gooseneck microphone used at the podium for addressing the speech. Wireless Head worn / Headset microphone will be used by presenter to capture his own audio without adding any Ambient noise



ST.James School, Kolkata

Audio system , Provision for LED /Projection System , FOH, Subwoofer, Stage Monitors, Stage Lighting , Wireless Head worn / Headset microphone for audio system

Lighting system : LED Par , PROFILE LITE 2 , Moving heads sharpy for cultural events, 8 channel dmx splitter , 8 colour washers for back drop screen, Universal lighting controller capable of controlling up to 512 channels including 192 dimmer channels, is capable to control 6 groups of fixtures independent of each other & offers MS truss bars for main lights



AIRPORT AUTHORITY INDIA , TRAINING ROOM & MEETING ROOMS

Training rooms:

- 1 no. 86" Diagonal Interactive Smart Display., 2 no. Interactive Smart Projectors with Whiteboards. The Matrix Switcher will allow HDMI Signals to be replicated from Table Faceplate and Wireless Presenter to all Video destinations as well as Application Lab.
- Interactive Display will be mounted in centre for various presentations and Video applications. Interactive Projectors will offer collaboration experience for users from HDMI & USB Faceplate.
- Dual cameras will help in Video Conference as well as Local video recording.
- Audio System will be used for local audio reinforcement, audio conference calls and video conference calls with all the available microphones.
- Any content from Training Room can be reflected on any of Application Lab displays for video reinforcement. As well as the Audio can also be reinforced in the Application Lab and lobby.
- Whole room will be centrally operated via touch screen controller placed on trainer table.
- Lighting will be controlled via touch controller to set different lighting scenes,



Application Center

75" Interactive Display on Trolley will work as a one Single collaborative Canvas. The table flush mounted 55" Display will be wirelessly connected to 85" Display, and the content will be played from the thin client. Multiple windows can be opened interacted and shared on the 85" Display.

4 no. 55" Ceiling Mount displays can be used for either Digital signage purpose or for Video reinforcement.

Each display will have a separate Faceplate from content sharing via HDMI.

Content from Training Room can be reinforced on all the displays simultaneously.

Speakers System is used for local audio reinforcement.



Holiday INN, Kolkata

Building which was having many rooms , AV design requirement . As Dhoon Took all the related services package like Wall reinforcement , Integrating AV facility.

4 pax – 10 Pax Meeting Rooms : Are Equipped with displays, VC Boyd Design Jabra Pana cast 50 and Table connectivity . Provisions for Display Mounting , Power , Data , Wall reinforcement .

Board Room's : Equipped with large displays, VC with Speaker Tracking Camera , Table Mic's , Switching & Table connectivity . Provisions for Display Mounting , Power , Data , Wall reinforcement .

Training rooms: 8 no's

Projection System with Large screen & Projection

Audio system with Speakers and Microphone system for audio reinforcement .

Switching system , for individual training rooms and Divisible 4 training rooms .

Control system for Equipment Control



The background features several abstract blue shapes. In the top right corner, there are two overlapping shapes: a light blue rounded triangle pointing downwards and a darker blue rounded shape. In the bottom left corner, there is a dark blue rounded triangle pointing upwards.

THANK YOU

www.dhoon.in