


A photograph of an air traffic control room. The room features a large, curved window that provides a panoramic view of an airport tarmac with several aircraft. Inside the room, there are multiple workstations, each equipped with multiple computer monitors and ergonomic chairs. The room is dimly lit, with light coming from the windows and the computer screens. A dark, semi-transparent diagonal overlay is present across the image.

Aviation ,Transportation Security & Surveillance



Providing technical
solutions since
1986.



- Cosmos Media Products Pvt. Ltd.

Established in 1986, Cosmos, a technology group, has been delivering innovative design and technology solutions for over 3 decades.

[Click Here For Cosmos Website](http://www.cosmosmedia.in)

COSMOS CERTIFICATIONS



ISO-9001 : 2015



ISO 14001 : 2015



OHSAS 18001 : 2007



ANSI / BIFMA



NORMS & CERTIFICATIONS (UPON REQUIREMENT)



We comply to international control room norm : **ISO-11064**



Our Laminated MDF Products are tested against fire. With lesser emission of smoke and flames to reduce the risk of hazardous accidents (**ASTM Certified**).



Consoles are **GREENGUARD** (UL-USA) Certified for low chemical emissions of VOCs and carcinogens, contributing to a healthier control room environment.



Our **BIFMA** certified Console system focuses on development of safety and stringent performance standards (US norms).



Our **FSC** certified console ensures that product comes from well managed forest that provide environmental. Social and economic benefits (USA)



Our **ROHS** certified console system ensures the product does not have 6 major hazardous substances like – Lead, Mercury, Hexavalent Chromium, Cadmium. Polybrominated Biphenyls & Polybrominated Diphenyl Ethers.



Cosmos Media Products advances the spirit of discovery and creation through design and manufacture, supplying solutions and equipment to monitor, control and automate processes in a wide range of environments. From Oil Refineries to Power Plants, from **Aviation ,Transportation, Security & Surveillance** to the Health Care and Telecom Industry, AV Broadcast & Media Technologies , we help our customers to optimize their processes and improve their performance.



Industry segments

Cosmos is today recognized as a particularly reliable partner for technical workstations systems, control consoles and operations control centers in

- AV Broadcast & Media Technology
- Aviation ,Transportation Security & Surveillance
- Industrial Automation
- Energy Supply
- Smart City
- Electrical
- Medical

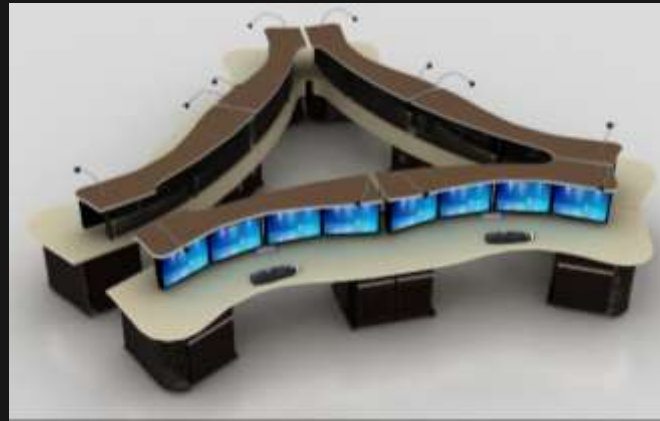


Industries

Cosmos Media Products Pvt. Ltd.

Product Portfolio

- ATC Tower Console
- Control Room Workstations
- Sit / Stand Workstations
- Electronic Workstations
- Mobile Equipment Carriers / Trolley
- Trader Desk
- PCR/MCR/Edit/Ingest/AV (Types of Desks)
- Monitor Wall
- Accessories (Including TFT Mounts, Cabinets, Chairs, Task Lights, System Accessories)
- 19" Rack & Accessories (ESD Accessories)



[Click Here For Cosmos Website](http://www.cosmosmedia.in)



Modern Production Facility

The engineered approach combined with latest machines contribute to precision and repeat accuracy in production, cost effectiveness and control on deadlines.

Cosmos's manufacturing facility spread over 30,000 sq. feet of production floor in Noida includes state of the art machines including:

1. CNC Router (Imported from Germany)
2. Panel Saw (Imported from Germany)
3. Through Feed Edge Banding Machine (Imported from Italy)
4. Profile Cutting Machine (Imported from Germany)
5. Double Bevel Sliding Miter Saws (Imported from Germany)
6. Cold Press
7. Post Forming Machine
8. Curvilinear Edge Banding Machine
9. Multi Bore (Spindle Borer)
10. Spindle Molders
11. Router



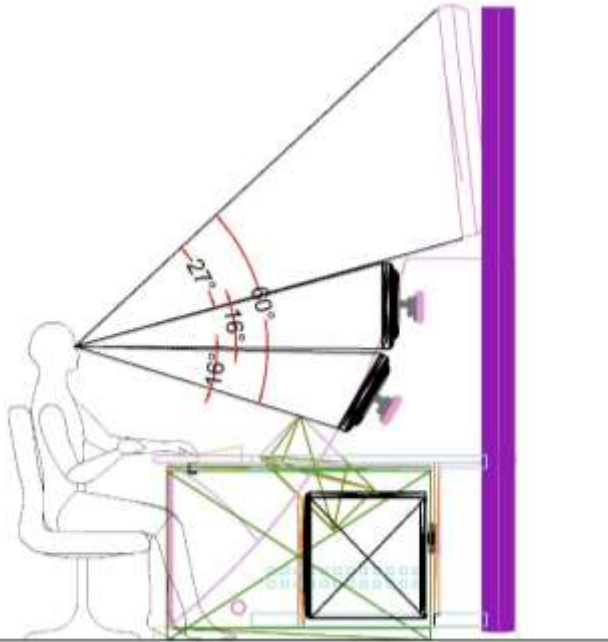


ERGONOMICS

At Cosmos, we understand and give utmost importance to the principles of ergonomics while designing any project.

Ergonomics has become an integral part of the design of office and control center equipment and work environments. Implementation of proper ergonomics has been shown to lead to increased user productivity and work quality, in addition to heightened worker satisfaction, resulting in immediate payback for the employer.

Cosmos's offerings are in compliance to International Control Room Norms : ISO 11064





Airports Authority of India



Rashtrapati Bhawan



clients



clients



A Navratna Company



KWESÉ TV



bharti



HITACHI
Inspire the Next



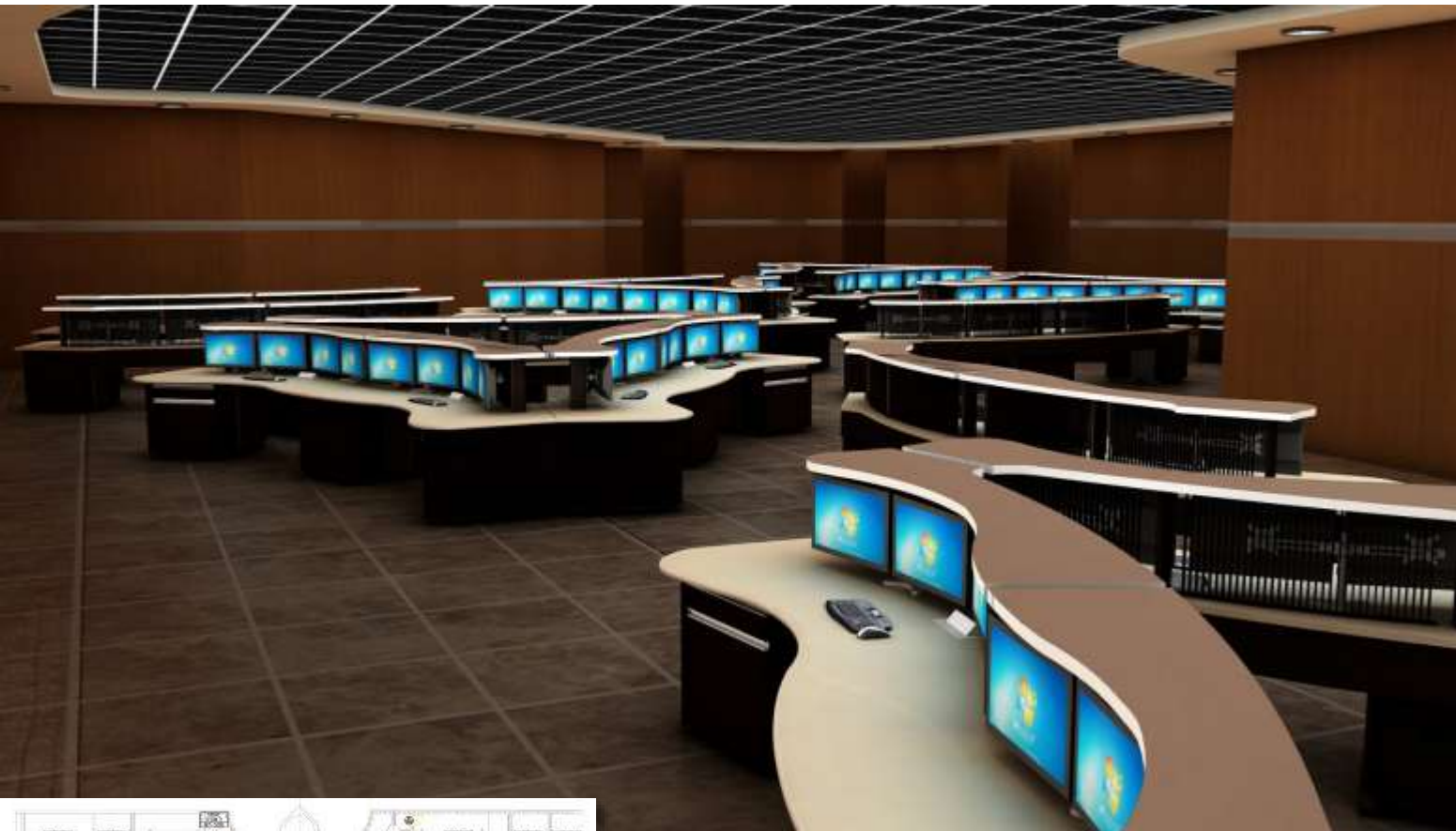
MIDREX



Gulf
Petrochemical
Services & Trdg. LLC



clients



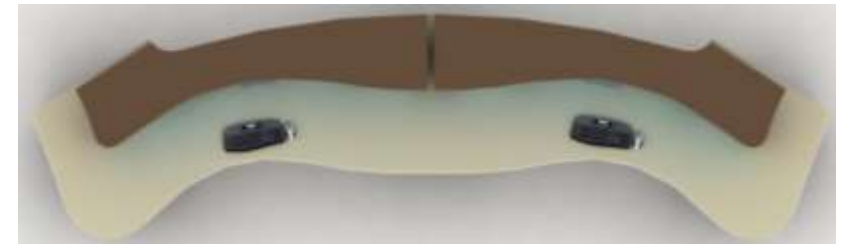
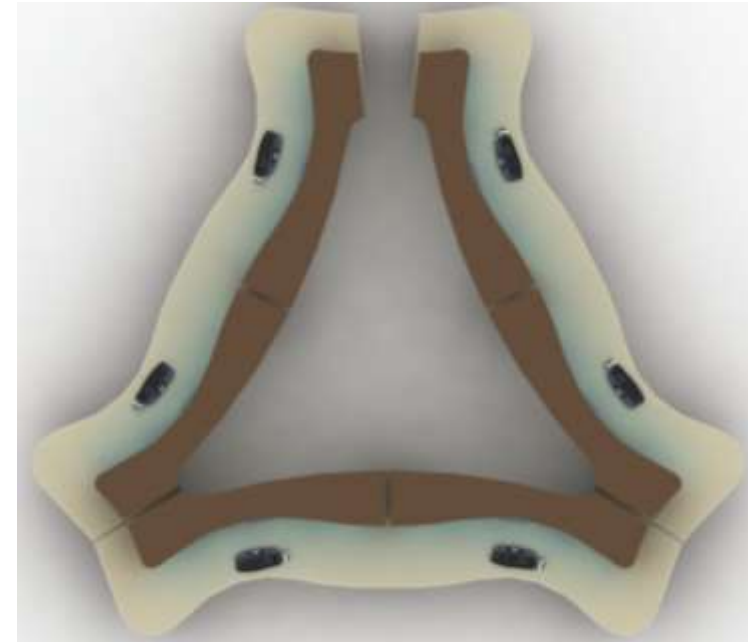
Delivered to:



**M/s. Mumbai
International
Airports Ltd. (MIAL)
Airport Operation
Command Center (AOCC)**

The ultimate open architecture solution for maximum sightlines and functionality. COSMOS Desk has been specifically designed for technology-intensive, 24/7 environments. It offers flexible equipment mounting options and is capable of being reconfigured. It provides flexible and comfortable Workspaces that allow its users to focus on critical decision making.





Mumbai International Airports Ltd. (MIAL)



MIAL AOC (with Mr GV Sanjay Reddy) -
Tweeted by Mr Anand Mahindra (11th Jan 14)



Project Done for : Airports Authority of India



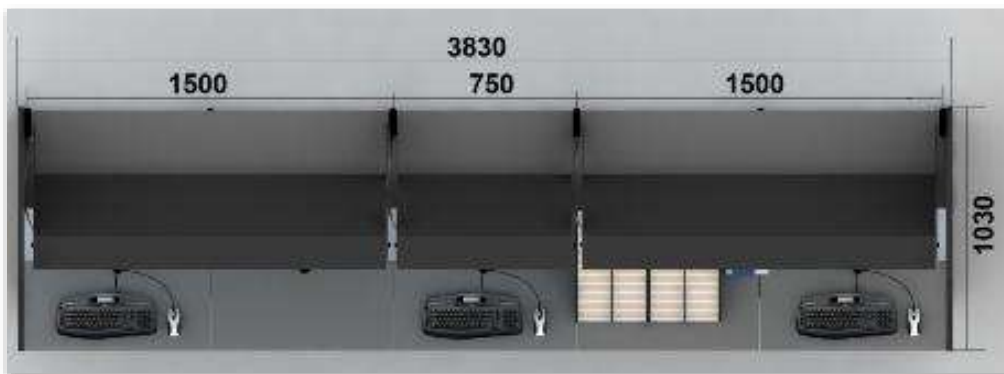
Delivered to:



Airports Authority of India
(ATC Simulator Labs at Delhi,
Mumbai, Chennai & Kolkata Airports)



Project Done for : Airports Authority of India



Project Done for : Airports Authority of India – CATFM



Airports Authority of India

(CATFM Project)

Order by - Atech / Three D
Material Supplied To AAI's "New Delhi" Tower
(Desk Supplied - Height Adjustable)

Project Done for : Airports Authority of India - Gagan



Delivered to:



Airports Authority of India
Gagan Project



Tower Console

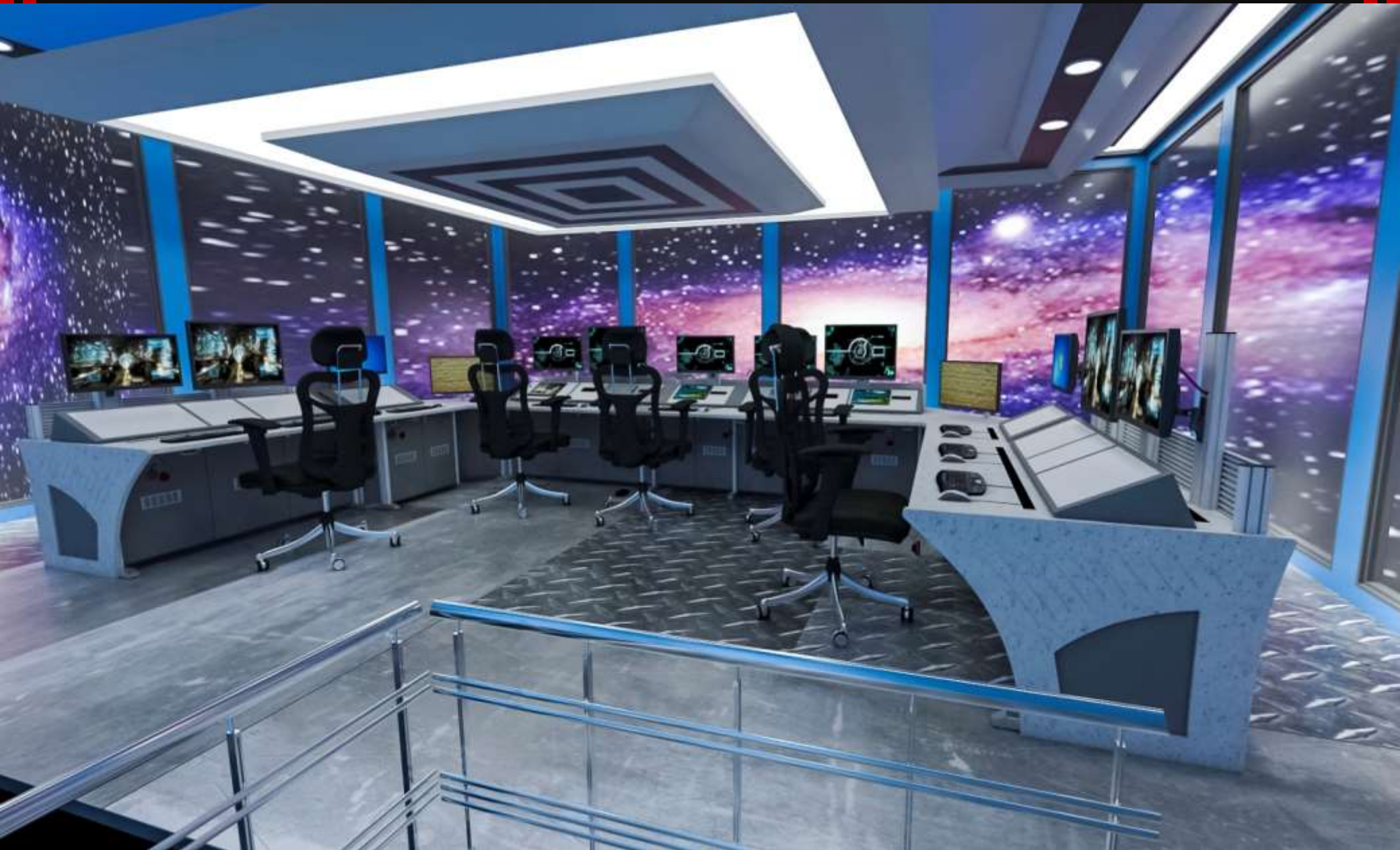


Tower Console



Construction

- a) Extruded Aluminum Profile structure (Powder Coated) with MS based Top/Bottom Frame (Powder coated), Foot made up of stainless steel.
- b) Laminated 26mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 18mm (± 1 mm) MDF Board Front & Back Modesty (Openable Front & Back Modesty through Lock).
- c) Table top in 12mm Solid Acrylic Panel on Laminated 26mm (± 1 mm) MDF Board.
- d) CPU on slide out tray of load bearing capacity of 25 kg mounted over bottom frame (Gland plate) 3mm thick.
- e) Service light within the desk with Manual ON/OFF switch provided.
- f) Both Horz. & Vertical Wire Managers - For routing LAN & Power Cables within the Desk.
- g) Power Distribution Sockets - within the Desk for Powering of Active Devices.
- h) Adequate Heat management provision for Exhaust of heat from within the Desk Assembly by Ventilators & Exhaust Fans.
- i) Adequate space for CPUs & Other equipments placed with in the Desk.



Tower Console



Construction

- a) Extruded Aluminum Profile structure (Powder Coated) with MS based Top/Bottom Frame (Powder coated), Foot made up of stainless steel.
- b) Laminated 26mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 18mm (± 1 mm) MDF Board Front & Back Modesty (Openable Front & Back Modesty through Lock).
- c) Table top in 12mm Solid Acrylic Panel on Laminated 26mm (± 1 mm) MDF Board.
- d) CPU on slide out tray of load bearing capacity of 25 kg mounted over bottom frame (Gland plate) 3mm thick.
- e) Service light within the desk with Manual ON/OFF switch provided.
- f) Both Horz. & Vertical Wire Managers - For routing LAN & Power Cables within the Desk.
- g) Power Distribution Sockets - within the Desk for Powering of Active Devices.
- h) Adequate Heat management provision for Exhaust of heat from within the Desk Assembly by Ventilators & Exhaust Fans.
- i) Adequate space for CPUs & Other equipments placed with in the Desk.

Tower Console



**Tower Console
Part D**







Tower Controller & Ground Controller Console

Placed in continuous modules one after other & makes the complete desk system for Tower Control Station.



Tower Controller & Ground Controller Console

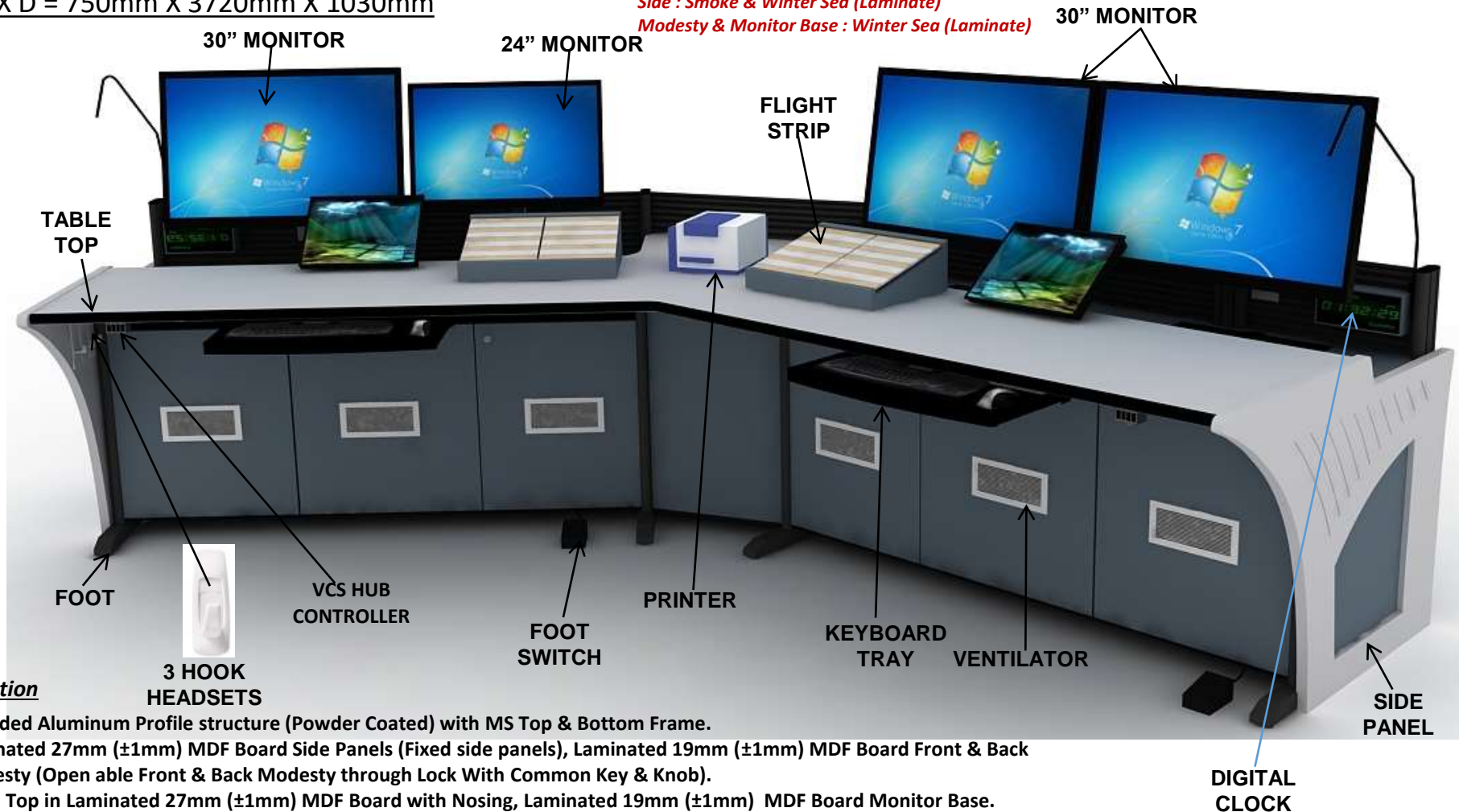
H X W X D = 750mm X 3720mm X 1030mm

Colors

Table Top : Smoke (Laminate)

Side : Smoke & Winter Sea (Laminate)

Modesty & Monitor Base : Winter Sea (Laminate)



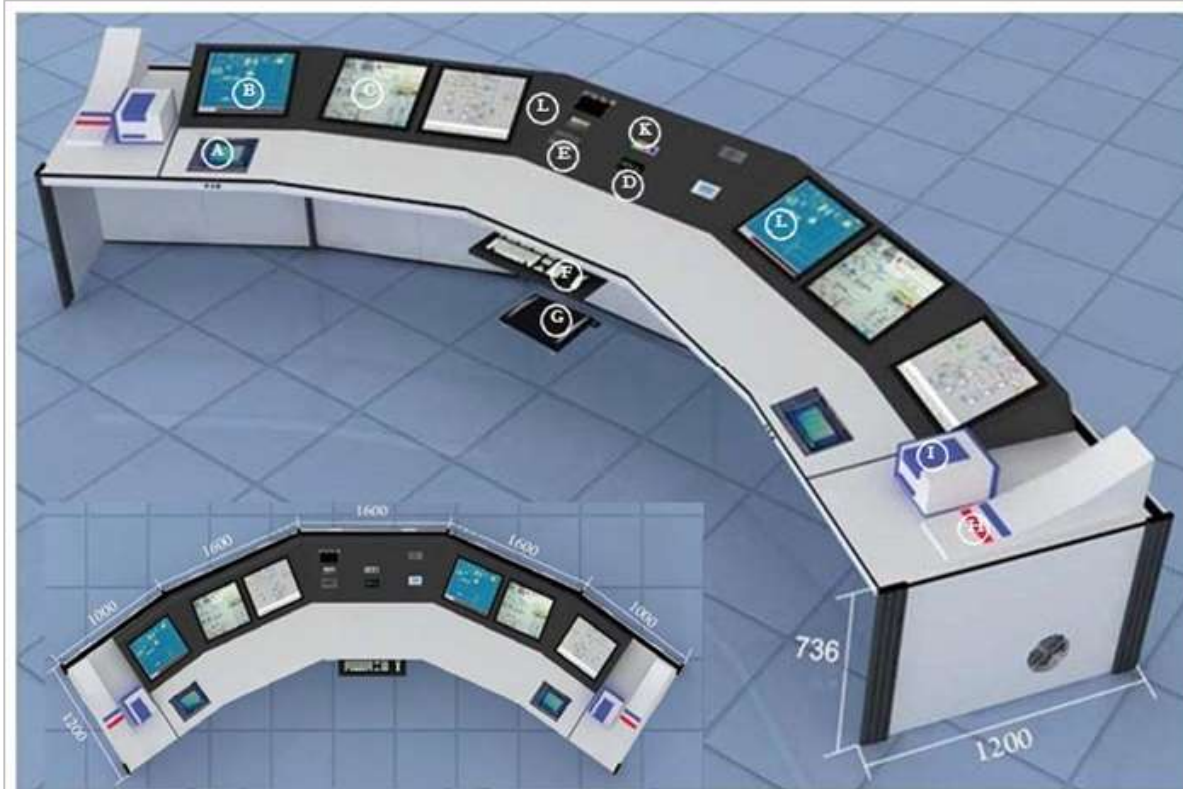
Construction

- Extruded Aluminum Profile structure (Powder Coated) with MS Top & Bottom Frame.
- Laminated 27mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 19mm (± 1 mm) MDF Board Front & Back Modesty (Open able Front & Back Modesty through Lock With Common Key & Knob).
- Table Top in Laminated 27mm (± 1 mm) MDF Board with Nosing, Laminated 19mm (± 1 mm) MDF Board Monitor Base.
- Wire Managers - For routing LAN & Power Cables within the Desk.
- Power Distribution Sockets - within the Desk for Powering of Active Devices.
- MCB Box & Terminal Block will be Covered. Rubber Gasket in MS Frame hole will be Provided.
- Adequate Heat management provision for Exhaust of heat from within the Desk Assembly.
- Adequate space for CPUs & Other equipment's placed with in the Desk.

30" Monitor (Dell Up3017) : HXWXD 447.1mmX686.9mmX58mm
 24" Monitor (Dell U2419H) : HXWXD 313.5 mmX538.5 mmX39 mm
 12" Touch Panel DM-F12A : HXWXD 262.2mm x 322.2mm x 40.5mm

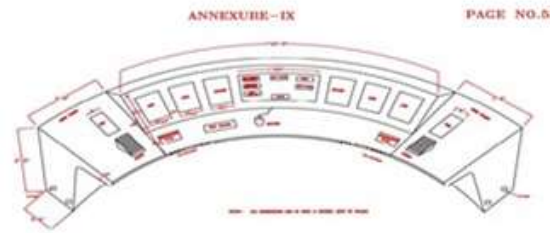
Tower Console (Two Position)

H = 736mm



A : VCCS
B : ASD

H : FLIGHT STRIP
I : FLIGHT STRIP



3D VIEW OF TOWER CONSOLE (2 POSITION MODULE)

Construction

1. Extruded AL Profile structure with MS (3mm) Top & Bottom Frame
2. Powder coated 3mm Metal Sheet Modesty and Side panel (Removable Front & Back Modesty with locks)
3. Table Top made up of Compact laminate (15mm)
4. Both Horz. & Vertical Managers – For routing LAN & Power Cables within the console Desk
5. Power Distribution Units (within the Console Desk for Powering of Active Devices) with Power and Cooling sensor in the front.
6. Ventilation louvers with filter on the front and back modesty. Fan assembly with filters on the side panels.
7. Equipment storage area within the console desk for storage of CPU's and other active and passive devices.
8. Lighting (illumination) above table top and service light within the console desk.

Control Room Design



Control Room Design



Area/ Approach Console

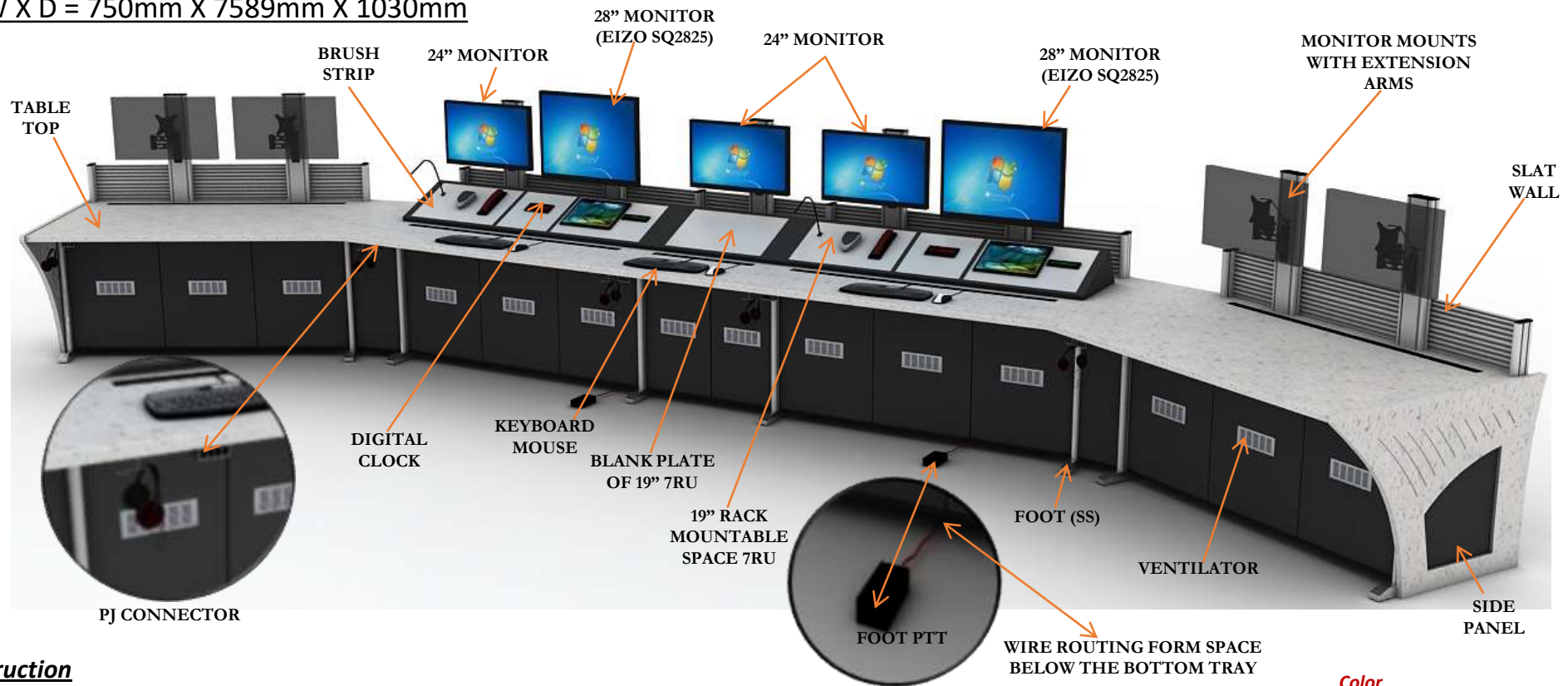


Area & APP Room (3D View)



Console Desk-1

H X W X D = 750mm X 7589mm X 1030mm



Construction

- Extruded Aluminum Profile structure (Powder Coated) with MS based Top/Bottom Frame (Powder coated), Foot made up of stainless steel.
- Laminated 26mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 18mm (± 1 mm) MDF Board Front & Back Modesty (Openable Front & Back Modesty through Lock).
- Table top in 12mm Solid Acrylic Panel on Laminated 26mm (± 1 mm) MDF Board.
- CPU on slide out tray of load bearing capacity of 25 kg mounted over bottom frame (Gland plate) 3mm thick.
- Service light within the desk with Manual ON/OFF switch provided.
- Both Horz. & Vertical Wire Managers - For routing LAN & Power Cables within the Desk.
- Power Distribution Sockets - within the Desk for Powering of Active Devices.
- Adequate Heat management provision for Exhaust of heat from within the Desk Assembly by Ventilators & Exhaust Fans.
- Adequate space for CPUs & Other equipments placed with in the Desk.

Color

Table Top : Snow Range (SAP)
 Side : Salt & Pepper & Slate (Laminate)
 Modesty : Slate (Laminate)
 Foot : Stainless Steel (SS)
 Profile & Frame : RAL 7035

Area & APP Room

28" Monitor (EIZO SQ2825)
 HXWXD 576mm x 576mm x 119 mm



Delivered to: **Airports Authority of India**

(At Different Airports Across India Including - Agartala, Amritsar, Bhubaneswar, Cochin, Imphal, Jaipur, Lucknow, Patna, Trichy)

CONSOLE DESK (Indra 9 Locations)

H x W x D = 750mm X 2800mm X 1100mm



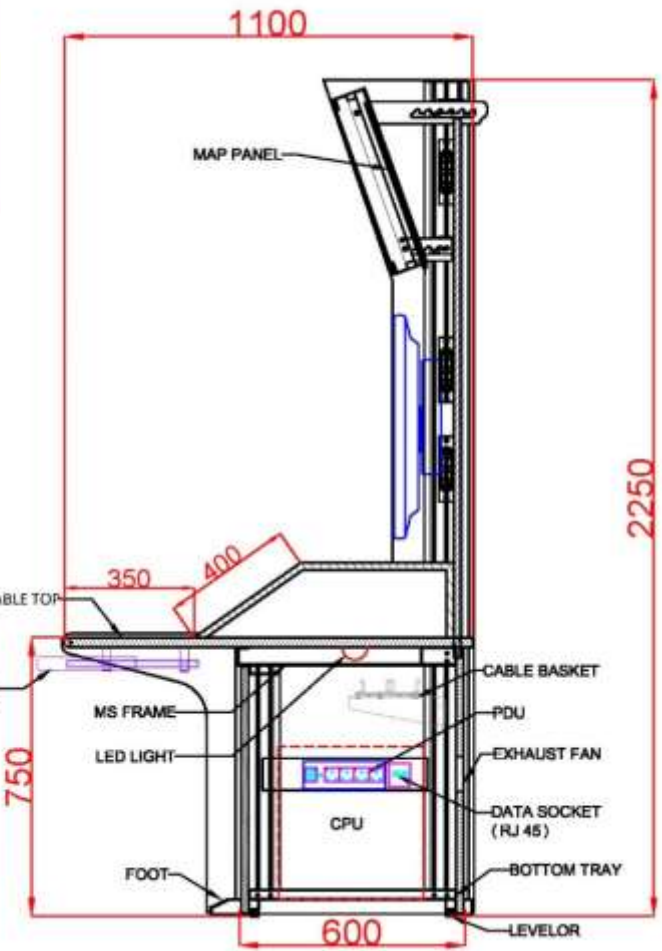
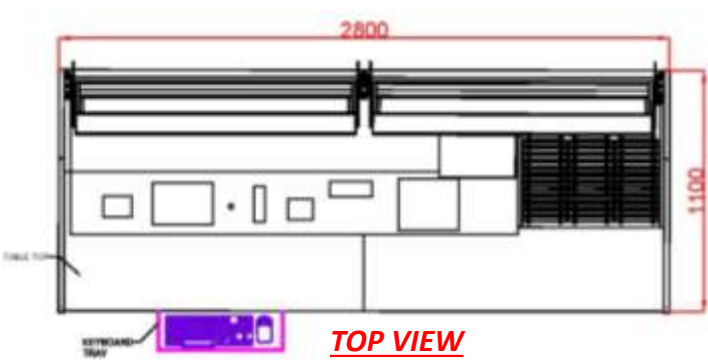
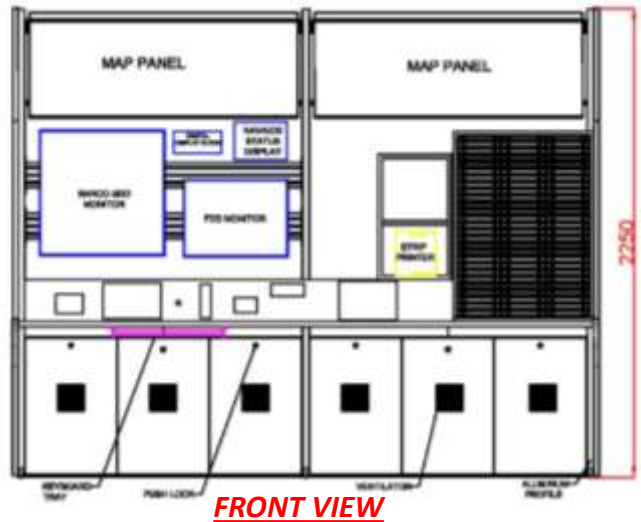
Construction

- Extruded Aluminum Profile structure with MS (1.5mm) Top & Bottom Frame.
- Side panels made of 26mm (± 1 mm) Pre-Laminated MDF Board , Front & Back Modesty made of pre-laminated 18mm (± 1 mm) MDF Board (Removable front & back modesty with push lock).
- Table Top made of 26mm (± 1 mm) Pre-Laminated MDF Board with Nosing.
- Wire Managers - For routing Lan & Power Cables within the Desk.
- Power Distribution Sockets - within the Desk for Powering of Active Devices.
- Adequate Heat management provision for Exhaust of heat from within the Desk Assembly.
- Adequate space for CPUs & Other equipments placed with in the Desk.



VENTILATOR

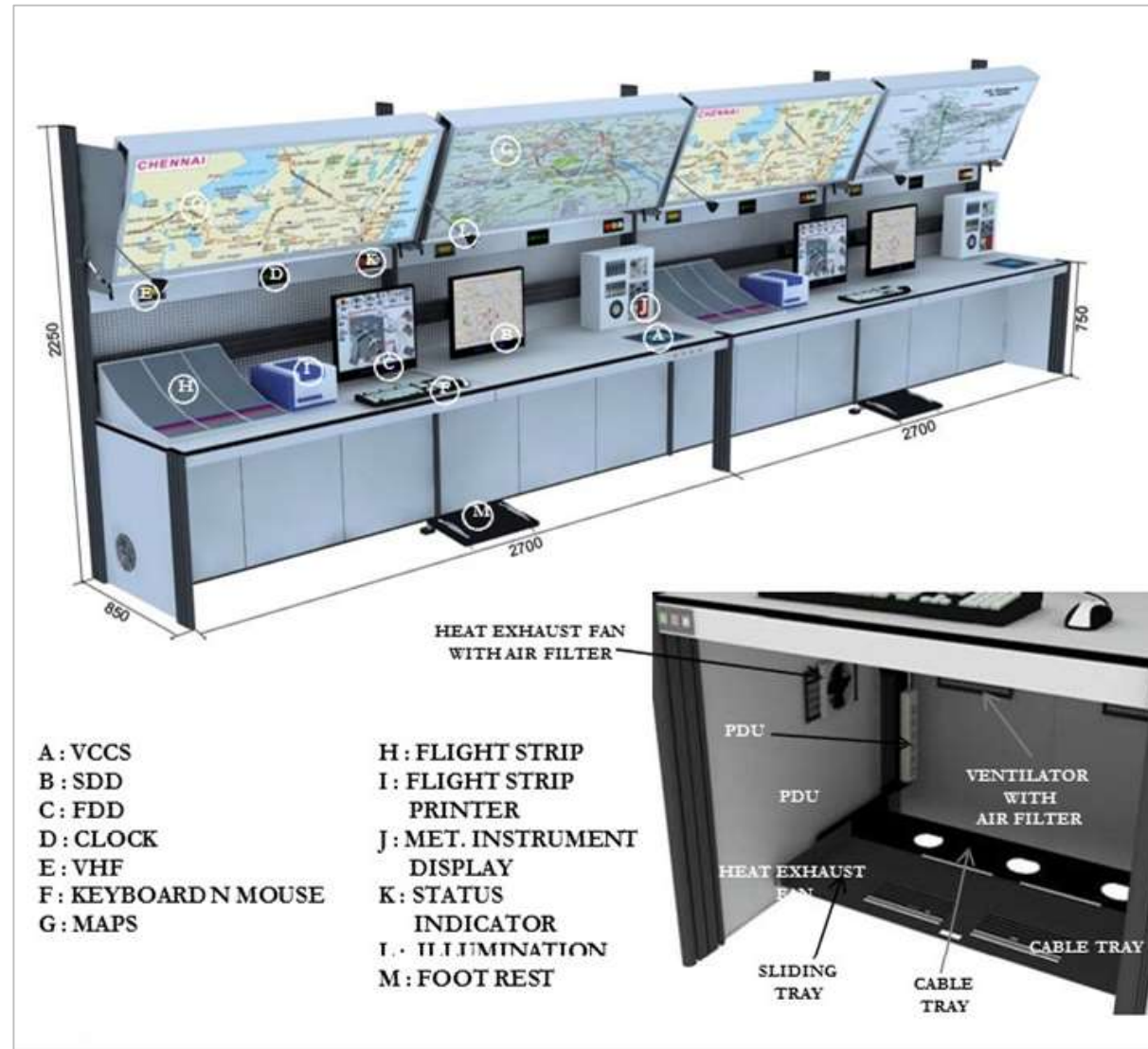
CONSOLE DESK (Indra 9 Locations) H x W x D = 750mm X 2800mm X 1100mm



SR.NO	ITEM	QTY
1	VCCS Touch Panel-SCHMID-ICS 200/60	1
2	Speaker for VCCS-SCHMID	1
3	Handset for VCCS-Pieker (PTTSZ.691.051.V2A)	1
4	Jacks-LEMO Connector-Female	1
5	Foot PTT-LINEMASTER	1
6	NAVAIDS STATUS DISPLAY-DOP-B07S401K	1
7	Barco SDD Monitor- Eizo - SQ2825	1
8	FDD Monitor-Eizo EV2216W	1
9	Strip Printer-IER 400B PRINTER	1
10	Man Pack-ICOM-A110E- (161mm X 45mm X 175 mm)	1
11	Digital Display CLOCK-318mmx90mmx90mm	1
12	IMD data display-HP-19.5" IPS Display	1
13	AK100-OTE-129mmx213mmx140mm	1

Approach Console (Two Position)

H x W x D = 2250mm X 5400mm X 850mm



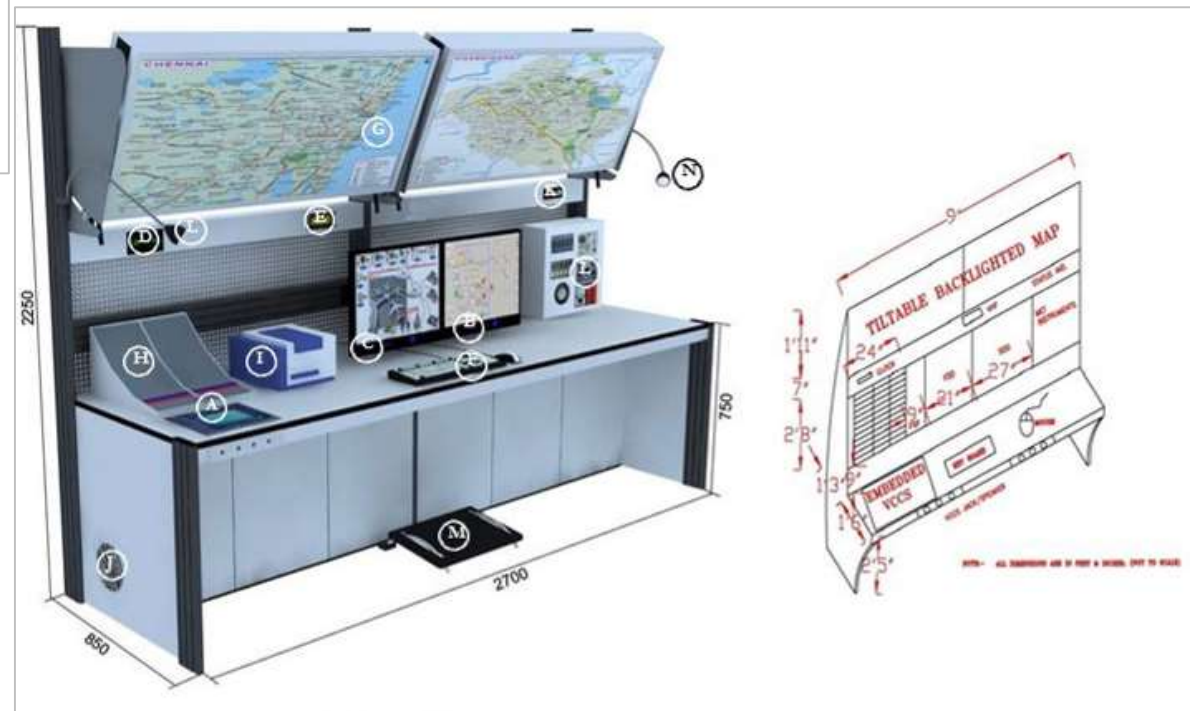
Construction

- Extruded AL Profile structure with MS (3mm) Top & Bottom Frame
- Powder coated 3mm Metal Sheet Modesty and Side panel (Removable Front & Back Modesty with locks)
- Table Top made up of Compact laminate (15mm)
- Functional Rail for Mounting of Monitors
- Both Horz. & Vertical Managers – For routing LAN & Power Cables within the console Desk
- Power Distribution Units (within the Console Desk for Powering of Active Devices) with Power and Cooling sensor in the front.
- Ventilation louvers with filter on the front and back modesty. Fan assembly with filters on the side panels.
- Equipment storage area within the console desk for storage of CPU's and other active and passive devices.
- Lighting (illumination) above table top and service light within the console desk.



Area Console (Two Position)

H x W x D = 2250mm X 5400mm X 850mm



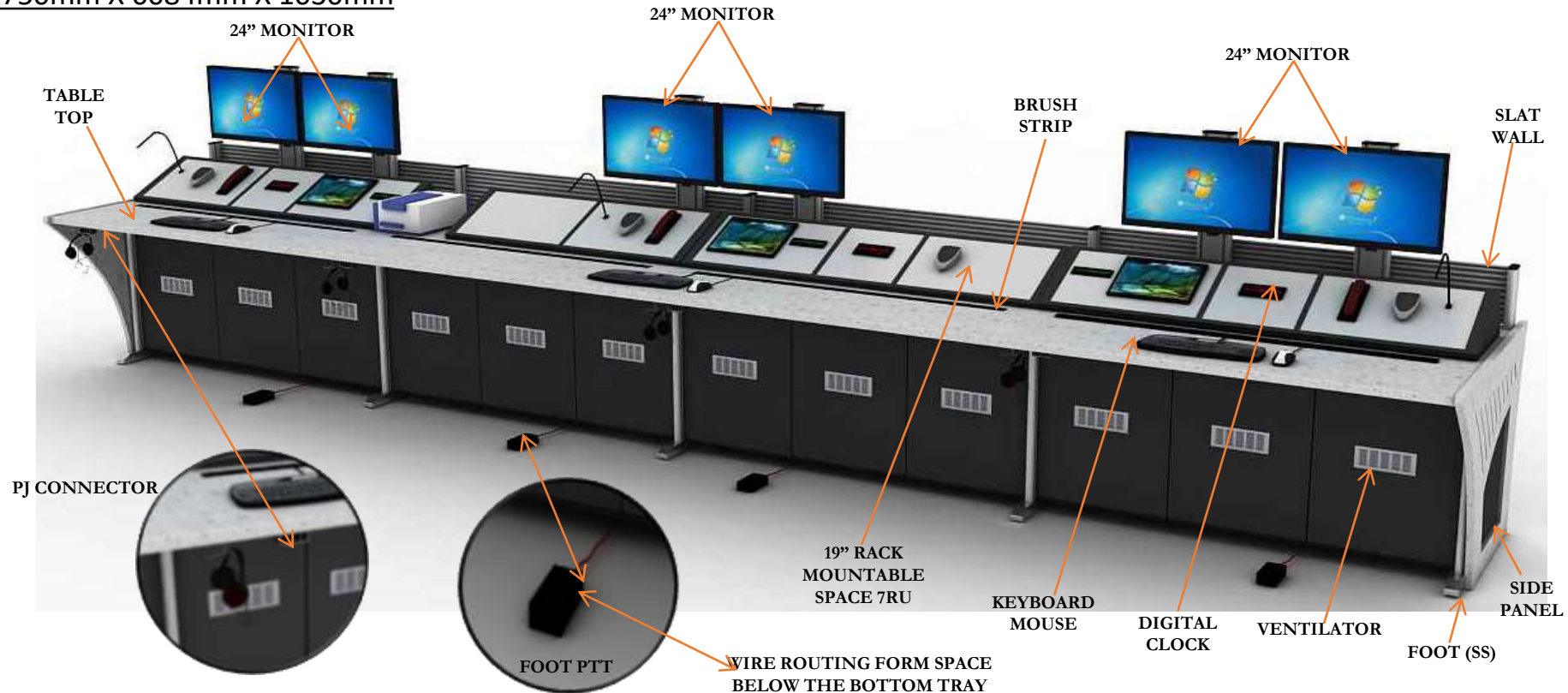
Area Console (One Position)

H x W x D = 2250mm X 2700mm X 850mm

Other Locations Console

Console Desk (Indra HAL – New SIM Room)

H X W X D = 750mm X 6084mm X 1030mm



Construction

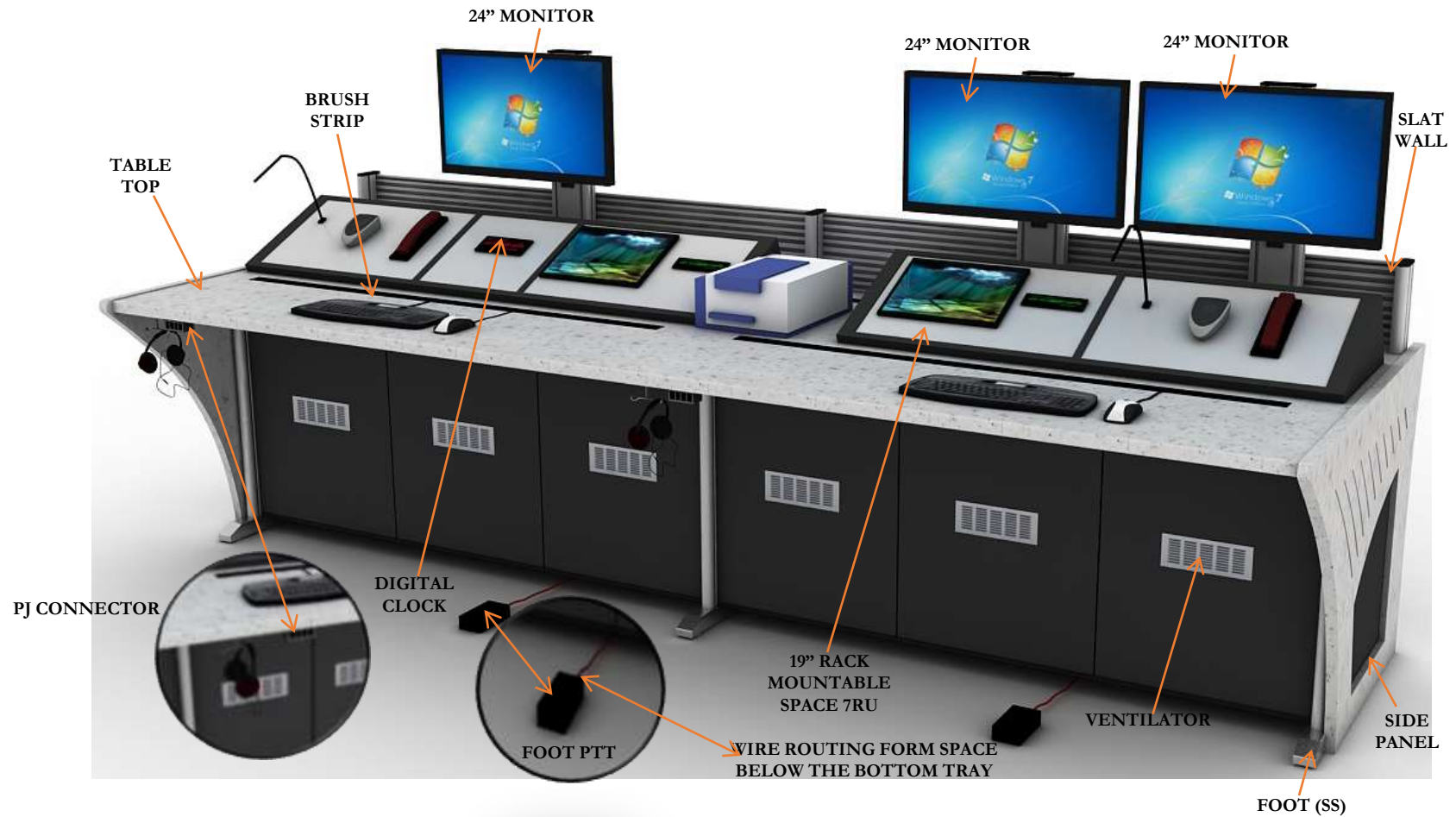
- Extruded Aluminum Profile structure (Powder Coated) with MS based Top/Bottom Frame (Powder coated), Foot made up of stainless steel.
- Laminated 26mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 18mm (± 1 mm) MDF Board Front & Back Modesty (Openable Front & Back Modesty through Lock).
- Table top in 12mm Solid Acrylic Panel on Laminated 26mm (± 1 mm) MDF Board.
- CPU on slide out tray of load bearing capacity of 25 kg mounted over bottom frame (Gland plate) 3mm thick.
- Service light within the desk with Manual ON/OFF switch provided.
- Both Horz. & Vertical Wire Managers - For routing LAN & Power Cables within the Desk.
- Power Distribution Sockets - within the Desk for Powering of Active Devices.
- Adequate Heat management provision for Exhaust of heat from within the Desk Assembly by Ventilators & Exhaust Fans.
- Adequate space for CPUs & Other equipments placed with in the Desk.

Color

Table Top : Snow Range (SAP)
 Side : Salt & Pepper & Slate (Laminate)
 Modesty : Slate (Laminate)
 Foot : Stainless Steel (SS)
 Profile & Frame : RAL 7035

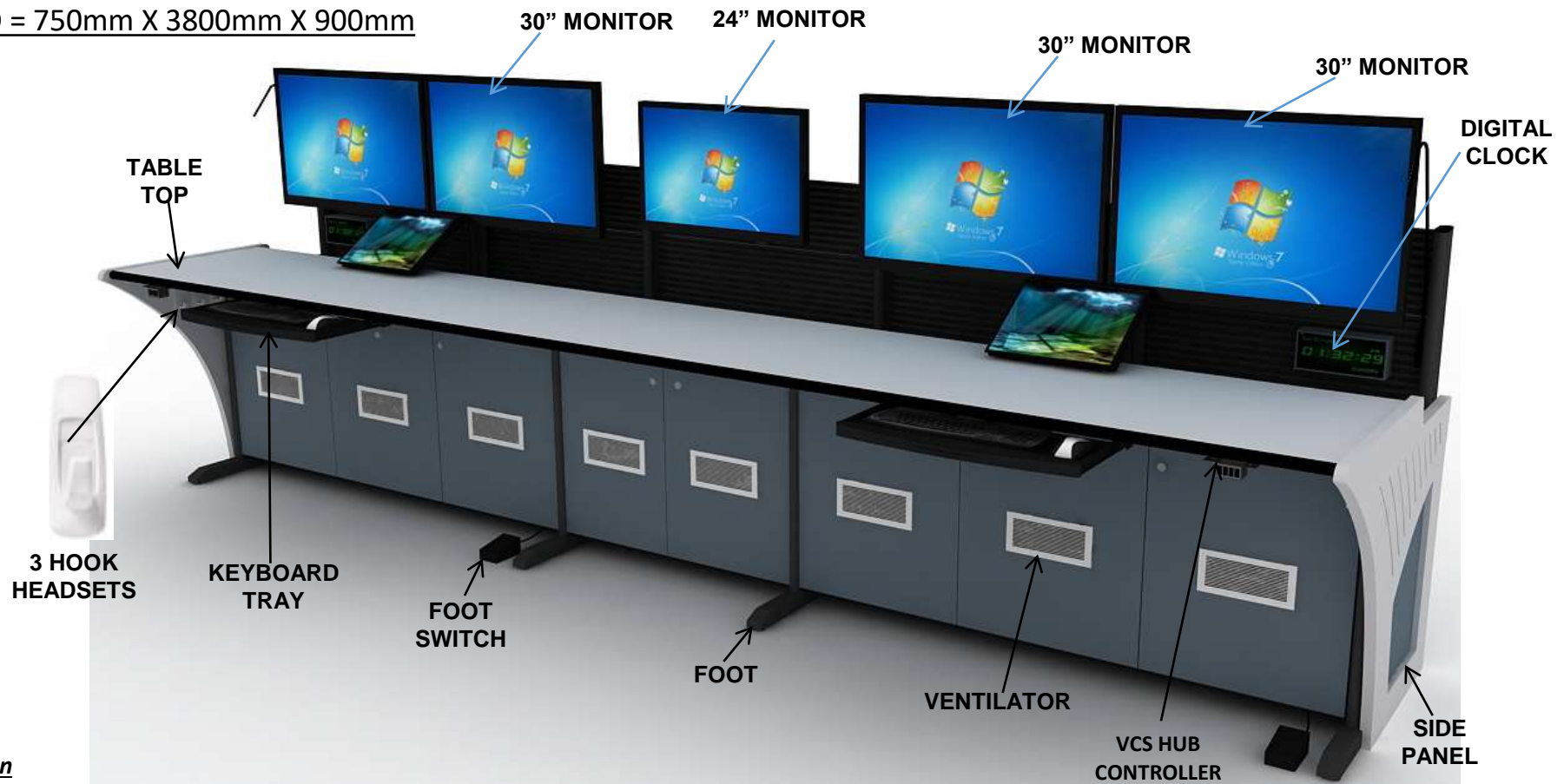
Console Desk (Remote Tech Position)

H X W X D = 750mm X 3084mm X 1030mm



Aerodrome Pseudo-Pilot Desk (2 Operators)

H X W X D = 750mm X 3800mm X 900mm



Construction

- Extruded Aluminum Profile structure (Powder Coated) with MS Top & Bottom Frame.
- Laminated 27mm (± 1 mm) MDF Board Side Panels (Fixed side panels), Laminated 19mm (± 1 mm) MDF Board Front & Back Modesty (Open able Front & Back Modesty through Lock With Common Key & Knob).
- Table Top in Laminated 27mm (± 1 mm) MDF Board with Nosing, Laminated 19mm (± 1 mm) MDF Board Monitor Base.
- Wire Managers - For routing LAN & Power Cables within the Desk.
- Power Distribution Sockets - within the Desk for Powering of Active Devices.
- MCB Box & Terminal Block will be Covered. Rubber Gasket in MS Frame hole will be Provided.
- Adequate Heat management provision for Exhaust of heat from within the Desk Assembly.
- Adequate space for CPUs & Other equipment's placed with in the Desk.

Colors

Table Top : Smoke (Laminate)

Side : Smoke & Winter Sea (Laminate)

Modesty & Monitor Base : Winter Sea (Laminate)

30" Monitor (Dell Up3017) : HXWXD 447.1mmX686.9mmX58mm
24" Monitor (Dell U2419H) : HXWXD 313.5 mmX538.5 mmX39 mm
12 " Touch Panel DM-F12A : HXWXD 262.2mm x 322.2mm x 40.5mm



Surveillance Controller Console

H X W X D = 750mm X 2000mm X 900mm



System Management & Maintenance Desk (2-operators)

H X W X D = 750mm X 1600mm X 900mm



Aerodrome Supervisor Desk

H X W X D = 750mm X 2000mm X 1030mm



Surveillance Supervisor Desk

H X W X D = 750mm X 2400mm X 900mm



Database Management Desk

H X W X D = 750mm X 2400mm X 900mm



Surveillance Pseudo-Pilot Desk (2 Operators)

H X W X D = 750mm X 2400mm X 900mm

SSF Controller Console

H x W x D = 2250mm X 2700mm X 750mm



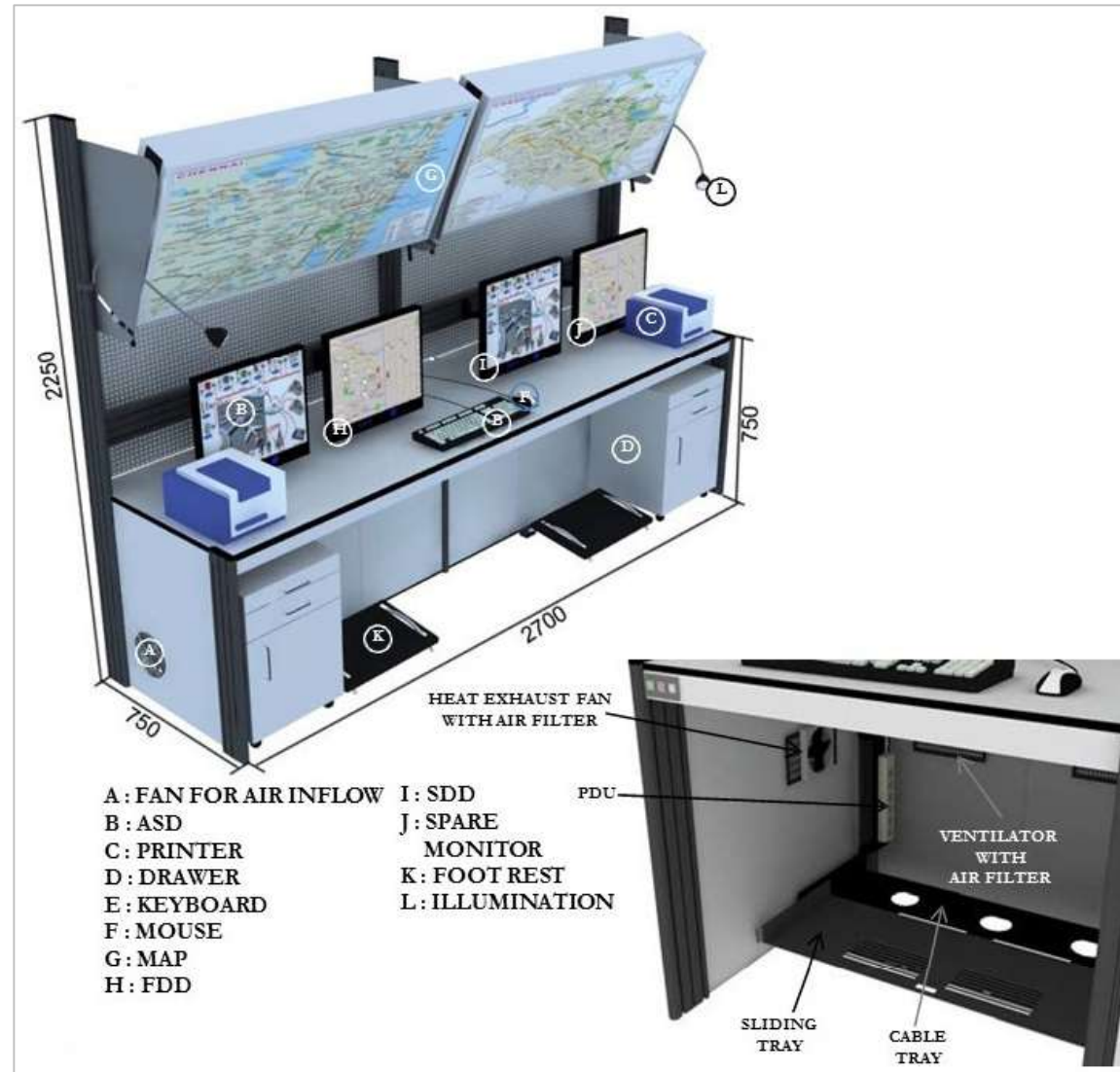
Training Room (Four Executive Training)

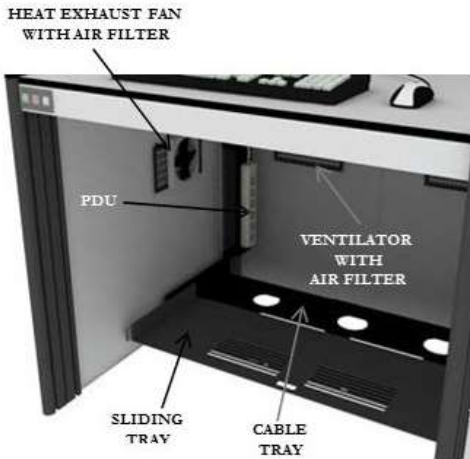
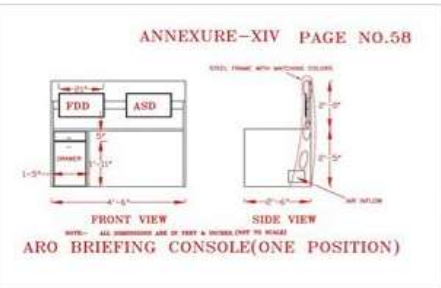
H x W x D = 2250mm X 5200mm X 750mm



Training Room (Four Assistant Controller)

H x W x D = 2250mm X 5200mm X 750mm





- A: FAN FOR AIR INFLOW
B: FDD
C: ASD
D: DRAWER
E: KEYBOARD
F: MOUSE
G: FOOT REST
H: ILLUMINATION

ARO Briefing Console (One Position)

H x W x D = 1200mm X 1300mm X 750mm

Data Base Management Console (One Position)

H x W x D = 1200mm X 1300mm X 750mm



Construction

- a) Extruded AL Profile structure with MS (3mm) Top & Bottom Frame
- b) Powder coated 3mm Metal Sheet Modesty and Side panel (Removable Front & Back Modesty with locks)
- c) Table Top made up of Compact laminate (15mm)
- d) Functional Rail for Mounting of Monitors
- e) Both Horz. & Vertical Managers – For routing LAN & Power Cables within the console Desk
- f) Power Distribution Units (within the Console Desk for Powering of Active Devices) with Power and Cooling sensor in the front.
- g) Ventilation louvers with filter on the front and back modesty. Fan assembly with filters on the side panels.
- h) Equipment storage area within the console desk for storage of CPU's and other active and passive devices.



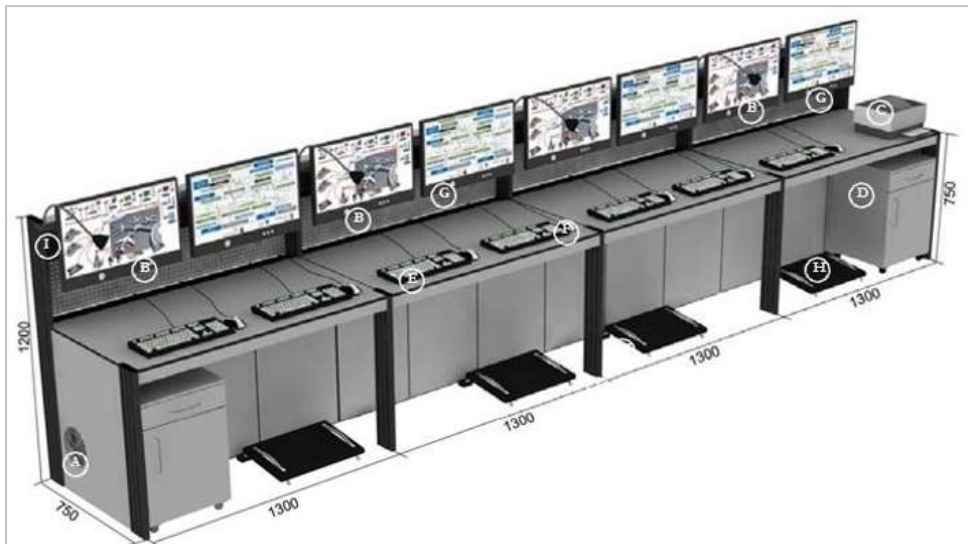
Operational Supervisor Console (One Position)

H x W x D = 1200mm X 2600mm X 750mm



Technical Supervisor Console (One Position)

H x W x D = 1200mm X 3900mm X 750mm



Pilot Console (Four Position)

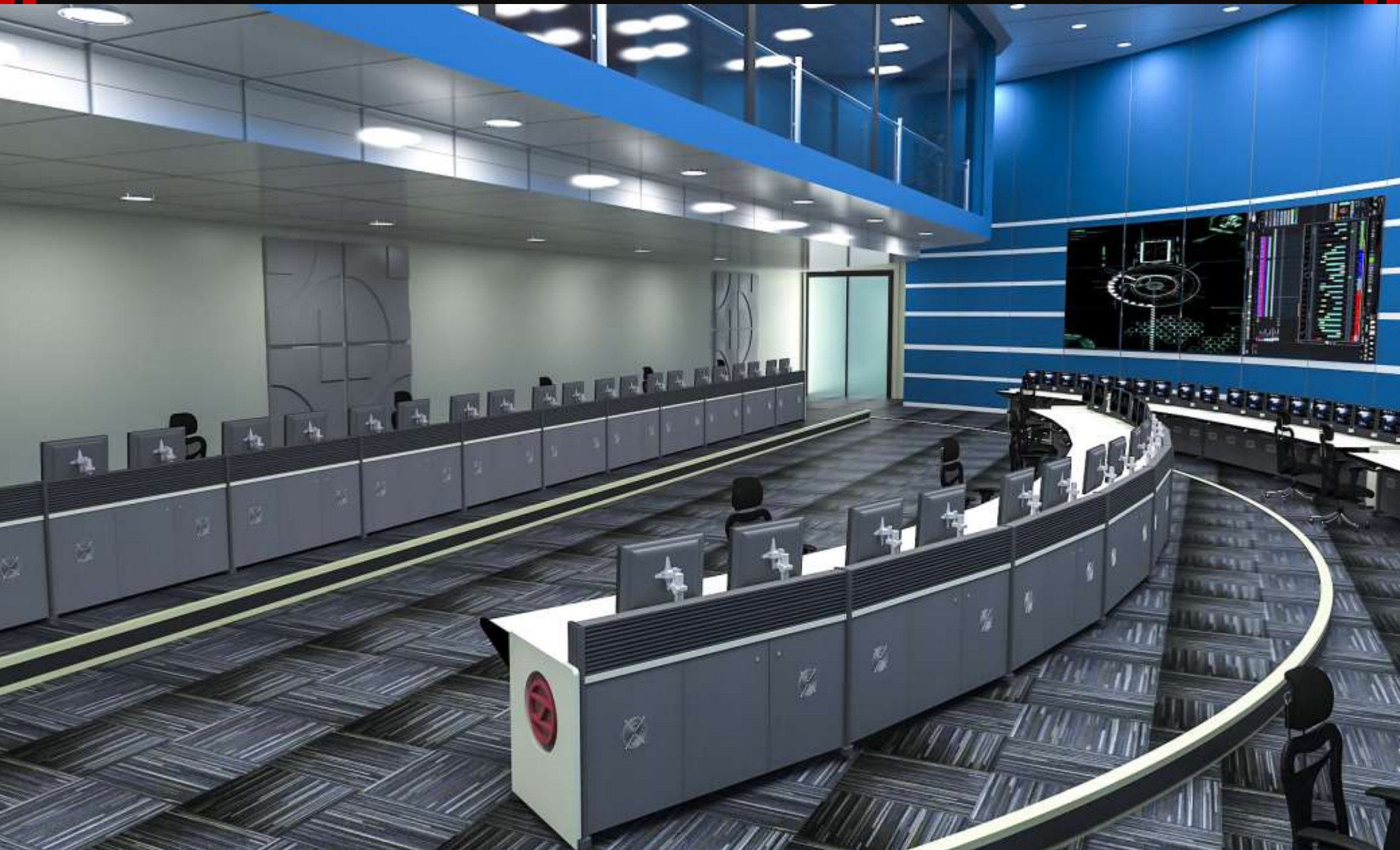
H x W x D = 1200mm X 5200mm X 750mm



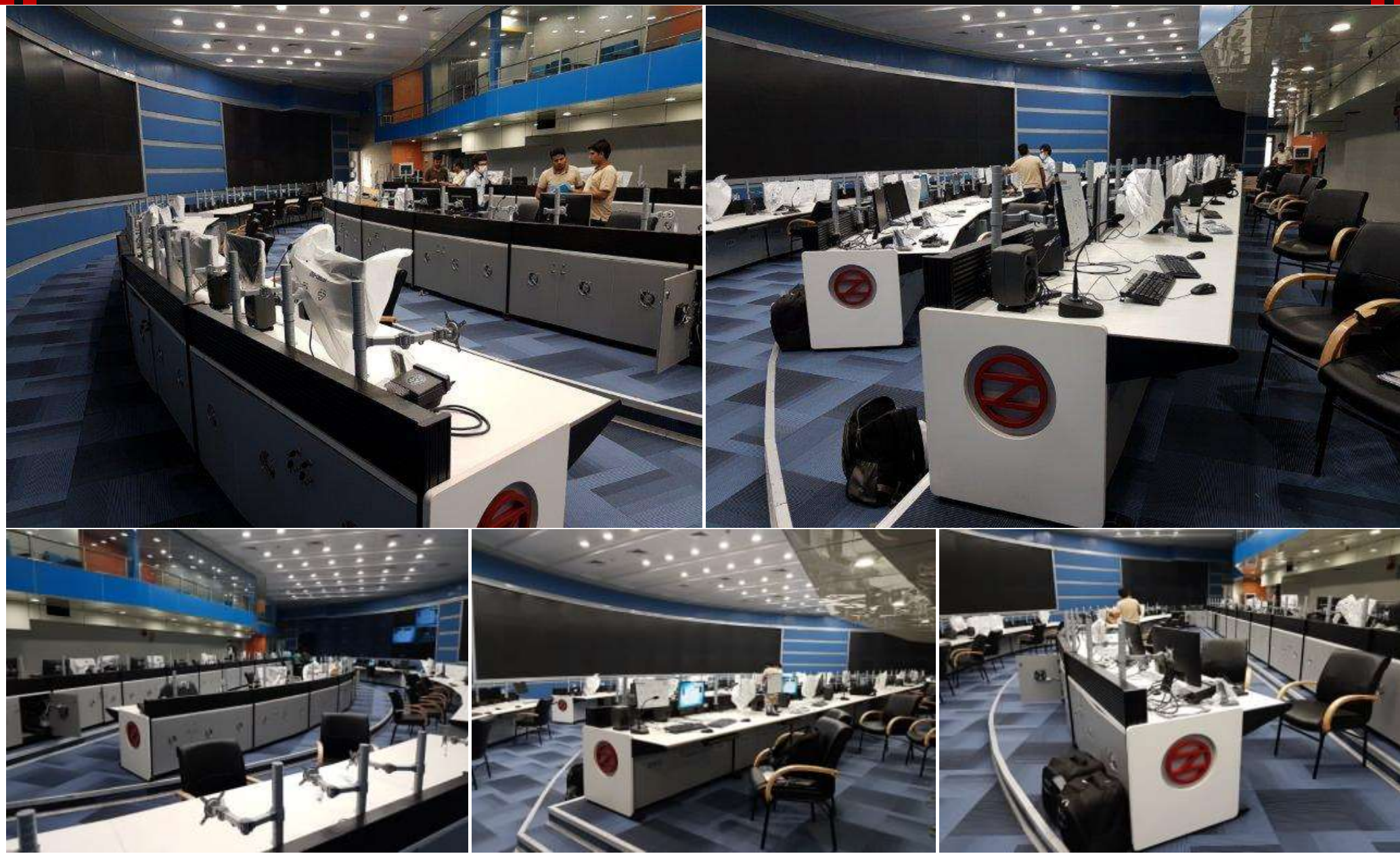
The ultimate Height Adjustable solution for maximum sightlines and functionality. COSMOS Desk has been specifically designed for technology-intensive, 24/7 environments. It offers flexible equipment mounting options and is capable of being reconfigured. It provides flexible and comfortable Workspaces that allow its users to focus on critical decision making.

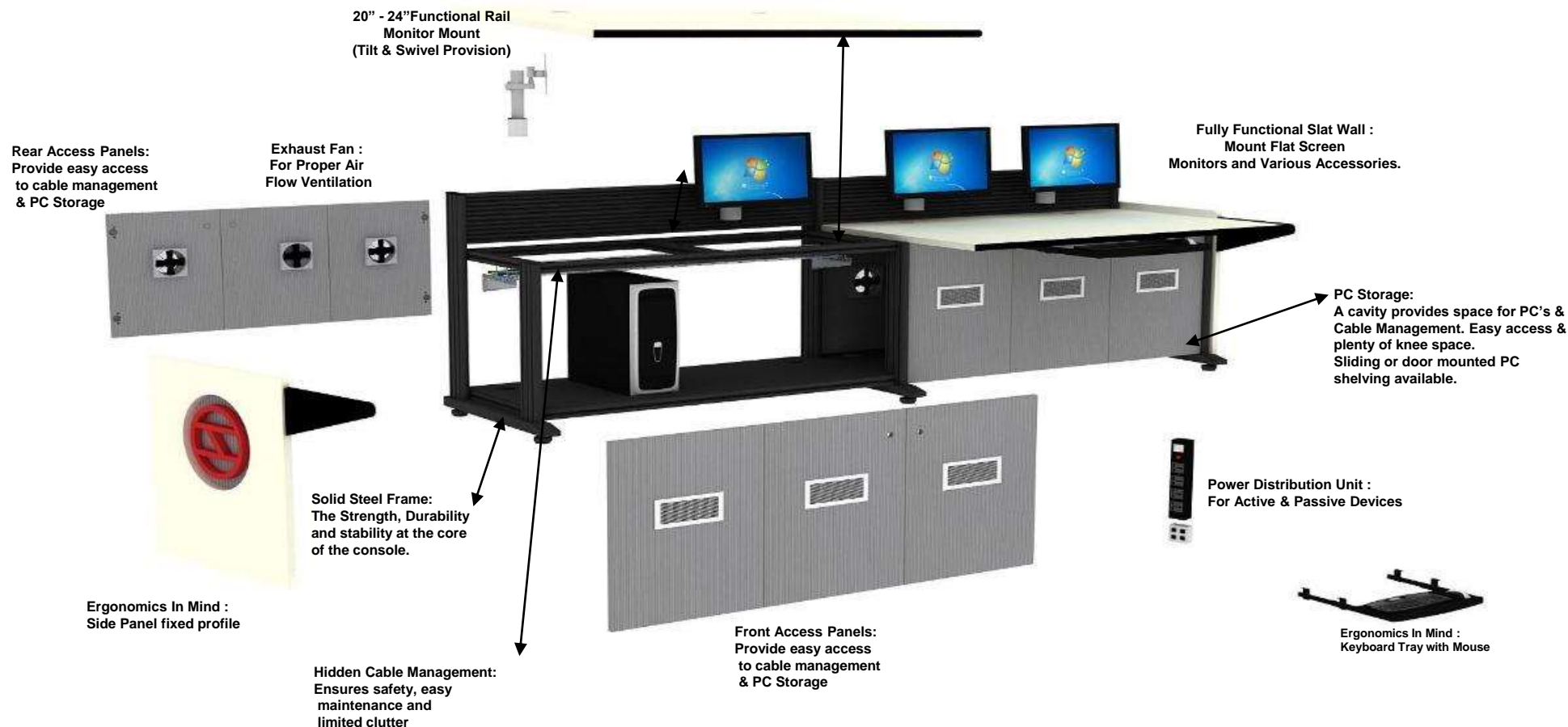


Other Projects



DMRC Control Room





Project Done for : Rapid Metro Rail - Gurgaon

Delivered to:



**M/s. Rapid Metro
(Gurgaon Metro)
(Depot Operation Command Center)**



Project Done for : Rashtrapati Bhawan



Delivered to:



**The Rashtrapati Bhawan
Security Command Center**

Project Done for : Delhi Police



Delivered to



M/s. Tihar Jail (Delhi)
Security Command Center

Project Done for : Common Wealth Games



Delivered to



**M/s. Common Wealth Games
Security & Surveillance
Command Center**

Control Room Design





Our Newvision ergonomically refined control consoles are used across the world and perform with excellent results in various sectors and control centres. A progressive new modular design offers the perfect balance of form, function and ergonomics suitable for any control room application large or small. The ergonomic workstation is important for the operator, just as the functionality of simple and rapid access is, so that the necessary components for the operation can be exchanged within minutes. This is where Cosmos shows its strong points. A transparent modular structure for creating the efficient interface between the control systems and the people that operate them. A flexible linking of the modules consequently enables the creation of the most diverse workstation environments.



Corporate Office

B - 112, Phase II,
Noida – 201305,
Uttar Pradesh
Contact : 0120-4693000

Factory Unit

Plot 128/129,
Toy City, Ecotech - III
Greater Noida - 201308
Uttar Pradesh

Sales Office

Mumbai
Bangalore
Hyderabad
Chennai

[Click Here For Cosmos Website](http://www.cosmosmedia.in)