



# CONTROL ROOM SOLUTIONS

**aesthetix**<sup>®</sup>  
innovate • enable • sustain



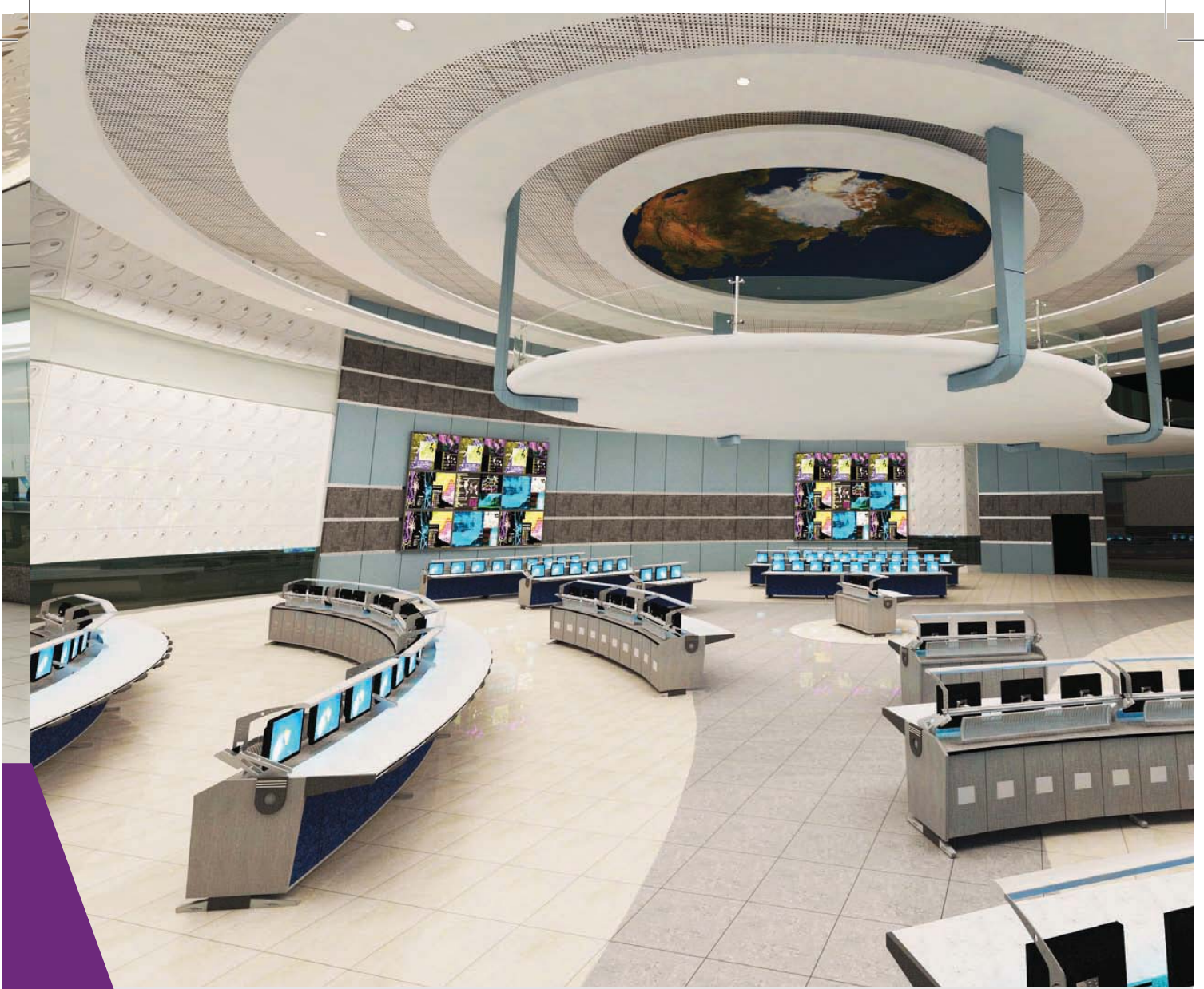
## STAYING AHEAD

Aesthetix, a reputed company, is now more than a decade year old and is one of the leading Design and Engineering house, focused on Control rooms, Consoles and Video wall solutions.

We have been catering to various technological, architectural and functional demands of our clients, enabling them to achieve their business goals through innovative design and engineering excellence. At Aesthetix, we stay a step ahead of others in meeting international standards and emphasizing on quality to provide ergonomically best-fit solutions.

Aesthetix has over 150 employees with its head office in Dubai Silicon Oasis (DSO). We have an Engineering Centre with experienced resources to cater any engineering challenges pertaining to a control room. An affiliate manufacturing facility works in full form to support and produce custom made consoles and other accessories of a control room as per the client's requirement. Factory Acceptance Tests (FAT)/ Material Inspections (MI) are conducted in our state of the art integration centres in Dubai and India. A Technical Assistance Centre, available to act 24x7 resolves all critical and non-critical technical issues of our clients.





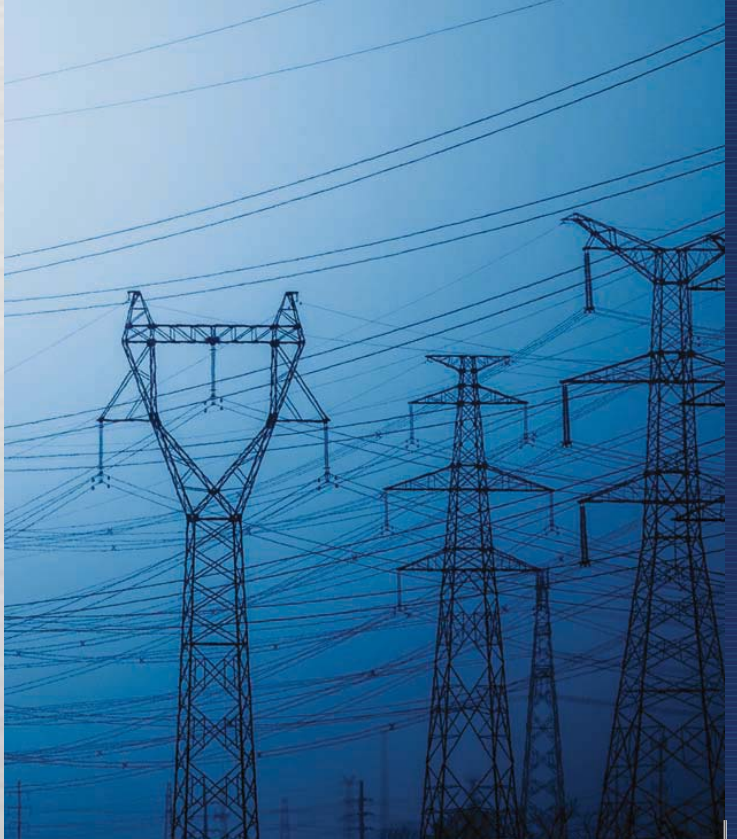
**Vision:** To be professional in devising cost effective solutions to mission critical environments, fulfilling our motto, **innovate, enable & sustain.**







We focus on critical infrastructure sectors such as Defence, Oil & Gas, Transport, Power & Water Utilities



# CONCEPTUAL DESIGN

A control room is the hub of any organization, providing a comprehensive overview of various information sources. Hence, every control room is different from one another and so are our designs.



## SPACE PLANNING

When it comes to space planning and calculation, Aesthetix does everything to create ergonomically best-fit and aesthetically pleasing control rooms.





# ERGONOMIC STUDY

FOLLOWS INTERNATIONAL STANDARDS - ISO 11064 & ISO 9241  
IMPLEMENTED 100+ CONTROL ROOMS WORLDWIDE



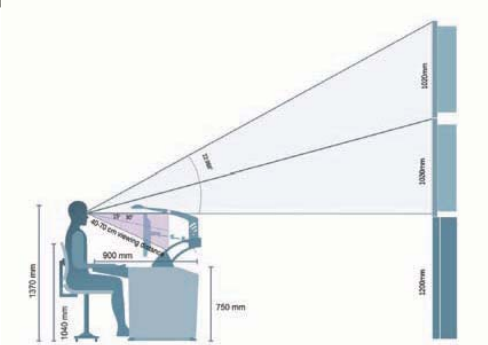
## OPTIMUM WORK ENVIRONMENT

“Ergonomics can be defined as the interaction of human dynamics, which would include the physical and mental capabilities and limitations of the operator, with the equipment and machines in the given work environment.”

In this era, the most favorable working environment becomes more significant, when there is an increase in demand on performance and production. Ergonomics, being one of the main factors which take into account, as to how an operator interacts with his or her working environment.



- Location of visual displays
- Position & comfort at workstation
- Design & placement of consoles
- Task & overhead lighting
- Raised flooring
- Acoustical wall & floor coverings
- Ventilation of control suite



**Dynamic Lighting** Safety Measures **Human Factor Engineering**  
 Traffic Patterns **Environmental Factors** Height Adjustable Work Surface  
**Visual Comfort** Postural Variability **Console Versatility** Illumination Levels  
**Noise Reduction** Acoustical Considerations



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- A high-angle photograph showing several people's hands interacting with a large architectural blueprint spread across a table. One hand in the foreground holds a black pen, pointing at a specific section of the drawing. Other hands are visible, some pointing and others resting on the paper. The blueprint features a grid of lines, with some sections highlighted in green and orange. The scene is brightly lit, and the focus is sharp on the hands and the pen.
- Design layouts & material inspection
  - General ergonomic assessment report
  - General arrangement drawings
  - Furniture layout & work plan
  - Acoustic details & lighting layout
  - Finishes schedule
  - 3D video walkthrough



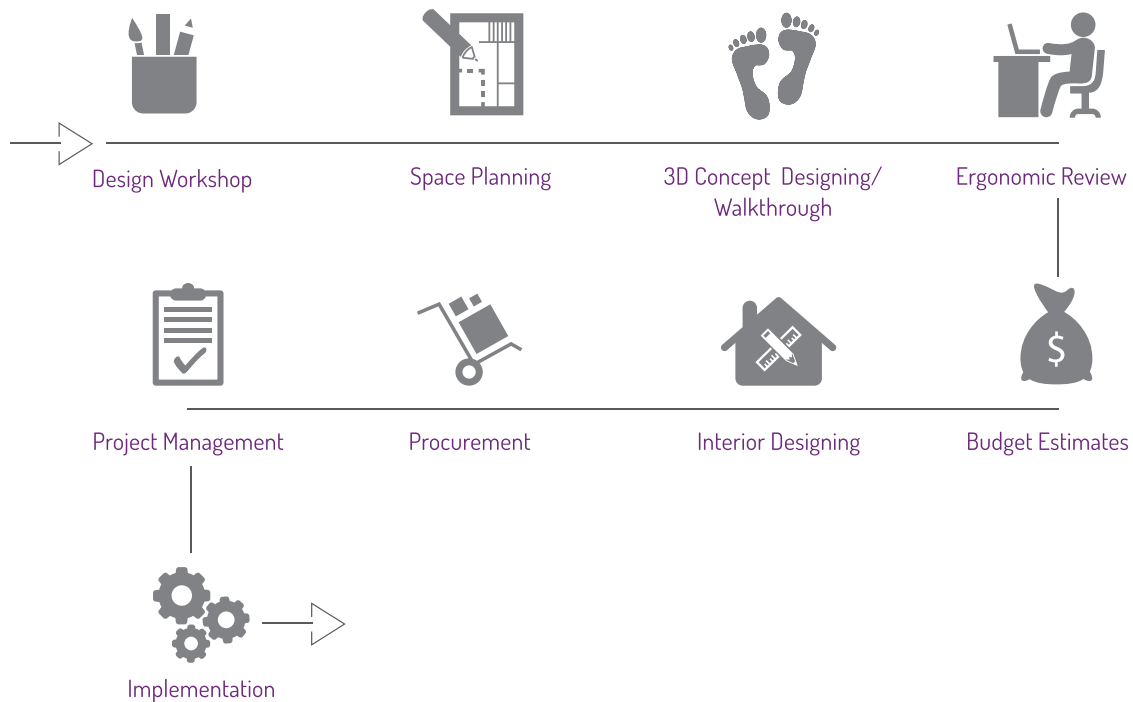
# DETAILED ENGINEERING

In order to enable the preparation of schedules and other subsidiary equipment which include electrical, civil and structural works, we have a set of design engineers, who work hand in hand with the project manager, to handle the task of firming up the design.

## TURNKEY SOLUTIONS

Aesthetix has a one stop solution to all our client's requirements. We are actively involved from FEED to EPC of a control room, not limited to implementation and installation of acoustic ceilings, control desks, videowalls, acoustic side panels, raised floors, dynamic lighting, glass works etc. We have it spread out on a platter, it's for you to decide and choose us.

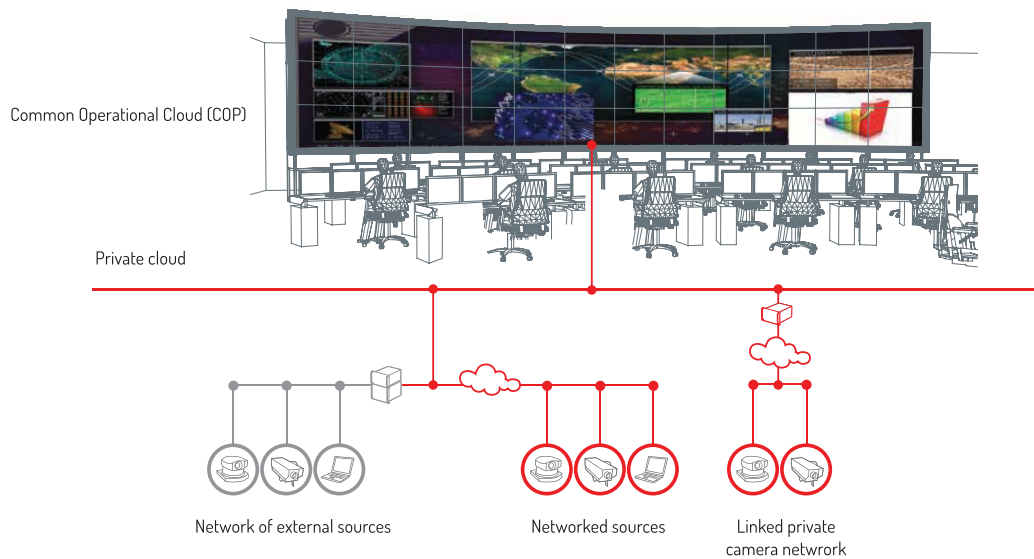
## PROCESS FLOW





## LARGE VIDEO SCREENS

Aesthetix portfolio of high-quality video wall systems consists of a large range of different sizes, resolutions and technologies. All our large scale display systems are designed by video wall experts with a lot of experience with control rooms.





# CONSOLES

Every console developed at Aeshetix commences from a well conceived knowledge platform designed to produce an exceptional technology responsive module with abilities to take the operator through the diverse changes in technology and operational functions. Custom-made, industrial consoles with different architectural design and technical specifications are manufactured in Pyrotech, India supported by our raw materials suppliers from Europe, USA, Malaysia and Africa.

Aeshetix follows international standards of testing supplied components. Our methodology provides the customer with an opportunity to perform all the tests as desired to satisfy themselves on functionality. Modifications if any can be easily implemented prior to the dispatch at site.



- Flexible architectural logic
- Custom extruded aluminium & metal structure
- Concealed cable management
- Height adjustability
- Sit-to-stand mechanism
- Single to multi tier monitors
- Soft edge at operator side
- Ventilated CPU cabinets



Aesthetix brings together industry experts to deliver innovative, reliable, and cost-effective Control Room Solutions.

Our Oil & Gas clientele include Gazprom Neft, Takreer, Ashghal, Fertil, Zakum Development Company, Abu Dhabi Company for Onshore Oil Operations, Abu Dhabi National Oil Company, Oil and Natural Gas Corporation Limited, LUKoil, Dow Chemical Company and prestigious government organisations such as the Crown Prince Court, Dubai Media Office, Dubai Civil Aviation Authority, UAE Ministry of Labour, UAE Armed Forces, Roads & Transport Authority, Abu Dhabi Department of Municipal Affairs, Abu Dhabi Ports Company, Masdar and Injazat.

Get in touch with us for your Control Room Solution roll out.

#### UAE

PO Box 117362, Liu3 #B01  
Dubai Silicon Oasis  
Dubai  
T +971 4 326 2333

PO Box 3753  
Plot#85, Bldg. 01  
Musaffah M37 Sanaya  
Abu Dhabi  
T +971 2 5511755

#### QATAR

PO Box 3841, 7<sup>th</sup> Floor  
Toyota Tower, Doha  
T +974 4437 2929

#### SINGAPORE

31, Cantonment Road  
Singapore  
T +65 315 81437

#### INDIA

#2283, 2<sup>nd</sup> floor  
14<sup>th</sup> A Main Road  
HAL II<sup>nd</sup> Stage  
Bangalore 560 038  
T +91 80 42044060

27/21, Monteith Mansion  
Monteith Road, Egmore  
Chennai 600 008  
T +91 44 4351 8484