

COMPANY PORTFOLIO

selected works



INTERTECH
INTERTECH VISION MIDDLE EAST

www.itv-me.com



Our Company

Established in the year 2000, Intertech set out to supply the highest quality, specialised products and solutions whilst providing clients with a single point of contact for a comprehensive control room design.

Our Mission

To design and install high-quality control rooms for specialist market-sectors and to establish a reputation in the Middle East as the premier provider of advanced technology products and solutions.



www.itv-me.com

CONTENTS

company portfolio

Corporate Summary

04

Our Values

06

Our Products

Project Showcase

12

Security Control
Room

16

News Broadcast
Studio

28

Surveillance
Control Room

34

Logistics
Control Room

46

Traffic
Management
Control Room

54

Flight
Management
Control Room

60

Energy Sector
Control Room

66

Control Room
of the Future

Our Values



integrity



quality



collaboration

At Intertech, we are committed to-

- Maintaining integrity in every aspect of our business
- Delivering highly custom solutions to suit customer needs
- Creating an environment that encourages teamwork
 - Innovating and adopting new technologies
- Providing high quality products and services
 - Encouraging leadership on all levels
 - Valuing our suppliers as partners
 - Focusing on customer satisfaction

Fully committed to quality, Intertech is an ISO-9001-2015 Certified Company.

In addition, Intertech provides ergonomic control room designs as per ISO 11064-1 guidelines.



About Us



Having opened our very first office in Dubai more than two decades ago, Intertech has become a world-leading control room expert, set to supply nothing but the highest quality.

With more than 400 control room installations, 100+ years of combined experience and 20+ years of innovation, Intertech stands today more ready than ever for any challenge it faces.

20+

Years of control room innovation

100+

Years of combined experience

400+

Control rooms

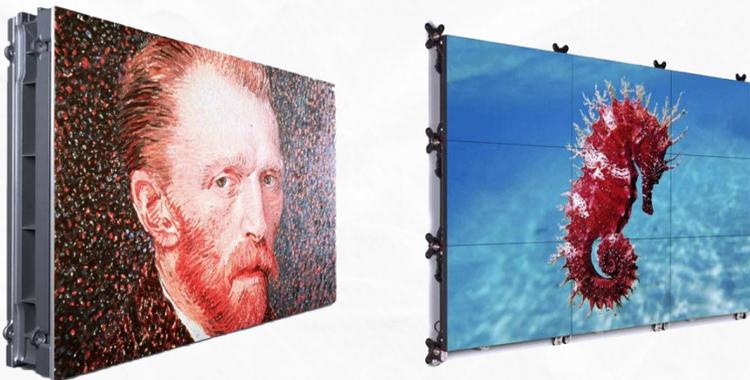
Products

Barco NV



Barco, a global technology company, designs and develops visualisation solutions for various selected professional markets, such as control rooms, defence & aerospace, digital cinema, healthcare, media & entertainment, and simulation & virtual reality.

In these markets, Barco offers user-friendly imaging products that optimise productivity and business efficiency. It's innovative hardware and software solutions integrate all aspects of the imaging chain, from image acquisition and processing to image display and management.



Intertech Software Development



Intertech Software Development was founded in 2017 and is headquartered in Dubai, U.A.E., with an additional branch in Cairo, Egypt. ISD believes that its wealth of industry knowledge, delivery capabilities, and technical expertise can help enterprises create value by designing and developing products with a unique customer experience.

Its flagship product, RAMsys, is an All-in-One situational management system designed to keep the assets of businesses safer than ever. This is ideal for those who aspire to have the highest level of security.

Evans Consoles



Evans is a world leader in the design and manufacture of products that enhance control centre operations. Evans products and services include needs analysis, control centre design, consoles, display walls, custom millwork and turnkey solutions. Evans products are also modular, durable and designed for the ergonomic needs of control centre users.

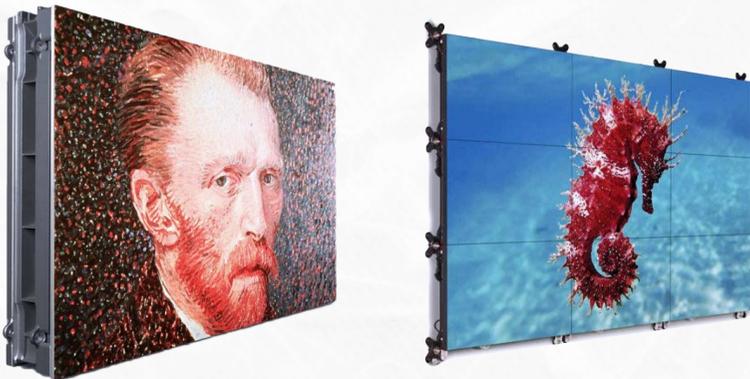
Products

Barco NV



Barco, a global technology company, designs and develops visualisation solutions for various selected professional markets, such as control rooms, defence & aerospace, digital cinema, healthcare, media & entertainment, and simulation & virtual reality.

In these markets, Barco offers user-friendly imaging products that optimise productivity and business efficiency. It's innovative hardware and software solutions integrate all aspects of the imaging chain, from image acquisition and processing to image display and management.



Evans Consoles



Evans is a world leader in the design and manufacture of products that enhance control centre operations. Evans products and services include needs analysis, control centre design, consoles, display walls, custom millwork and turnkey solutions.

Evans has pioneered innovations, such as computer imaging of proposed control centre designs, along with adjustable height work surfaces within the console industry. Evans products are modular, durable and designed for the specific ergonomic needs of control centre employees.



Products

Antrica



Intertech is the official Antrica distributor in the Middle East. Antrica is one of the world's leading low-latency, low-bandwidth consumption video encoders and decoders, used within broadcast studios. Their wide range of products makes it available for everyone's AV solution needs.

Extron



Extron products are purpose-built to work together, creating complete integrated technology solutions that work seamlessly with your IT infrastructure. With over 5,000 product solutions, the breadth of the Extron product line provides system designers with the flexibility to select the optimal solution for each application

Aoto



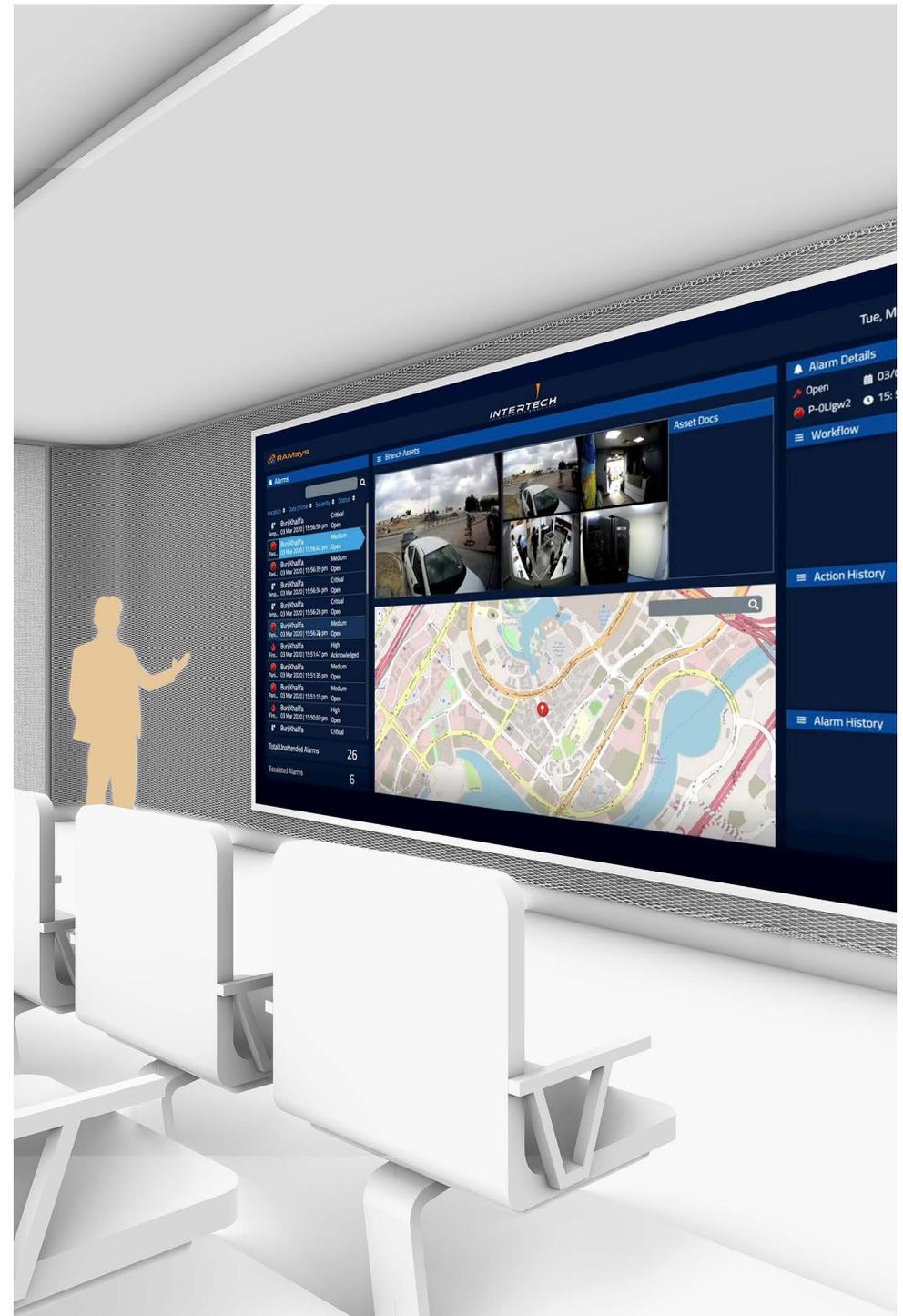
Shenzhen AOTO Electronics Co., Ltd. founded in 1993, is located in Shenzhen High-tech Zone. It is specialised in the R&D, production, marketing, and professional services of LED application products and financial technology products. Over the past two decades, AOTO Electronics has established 17 member companies, including 4 overseas subsidiaries.

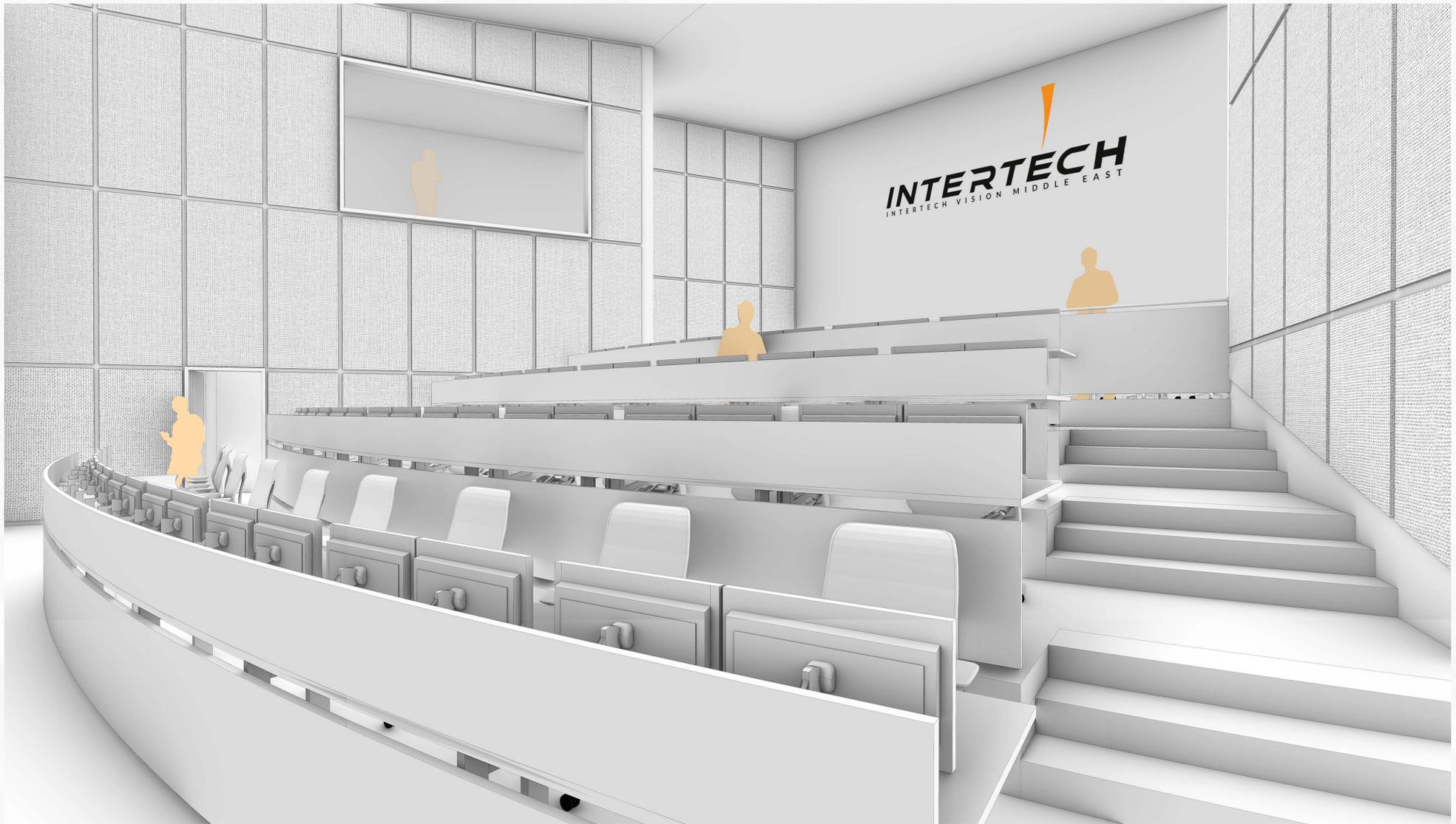
AMX



AMX® is part of the HARMAN Professional Division, and the leading brand for the business, education, and government markets for the company. As such, AMX is dedicated to integrating AV solutions for an IT World.

PROJECT SHOWCASE





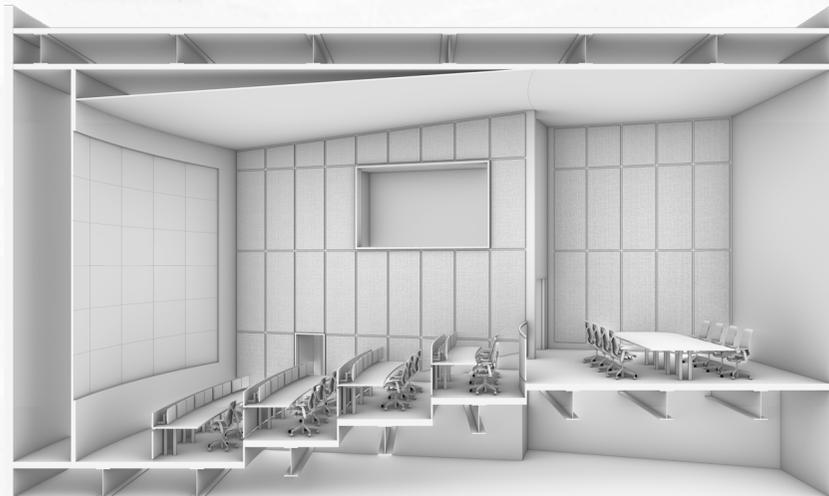
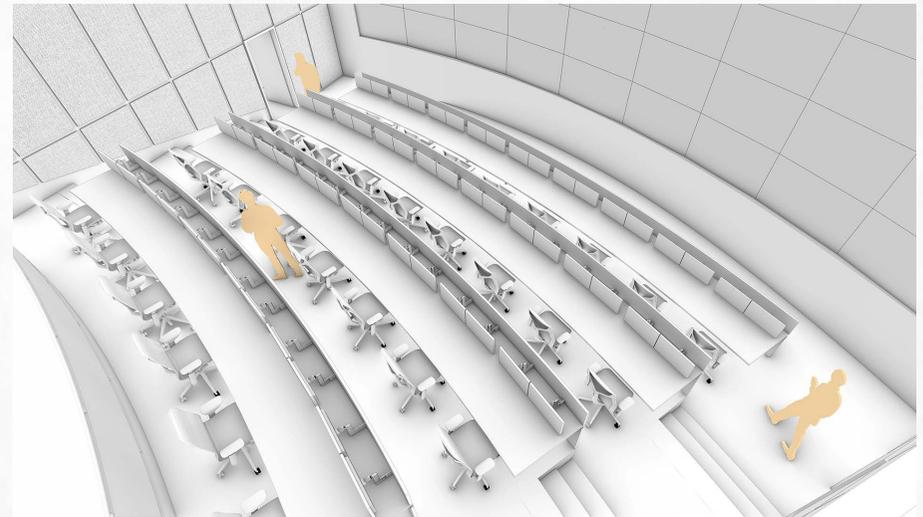
01 SECURITY CONTROL ROOM

This control room follows a terracing typology, with an open meeting room overlooking the control room's operations. Upper floor gallery spaces also allow for the monitoring of operations and the supervision of operators.

Project 01



- Legend**
- 1- False ceiling
 - 2- LED screen display
 - 3- Operator's console w/ dual monitors
 - 4- Gallery observation deck
 - 5- Acoustic panel
 - 6- Acoustic tiled flooring
 - 7- Meeting room
 - 8- Air-tight equipment room



LED screen display



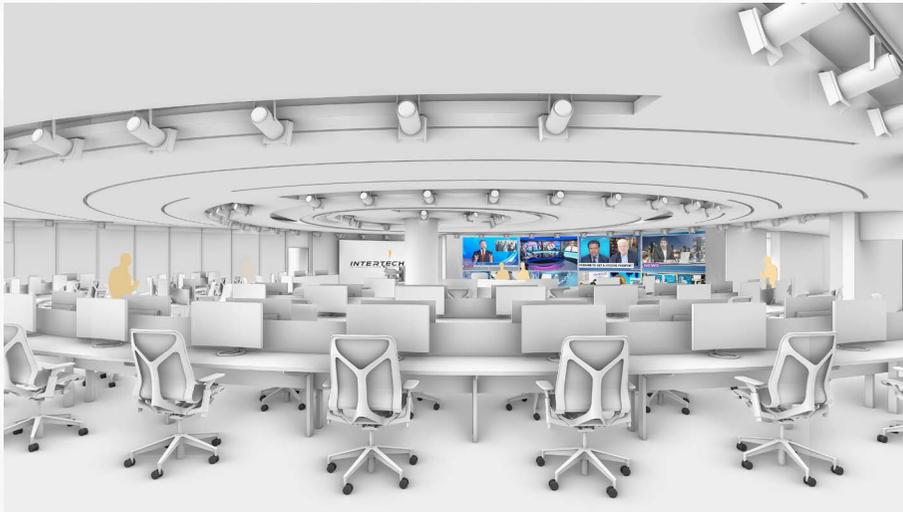
02 NEWS BROADCAST STUDIO

This news broadcast studio contains multiple focal points, with rows of desks arranged in a radial manner around each point. The use of several curved LED screens, along with state of the art audio and visual technology, are what make this studio truly unique.

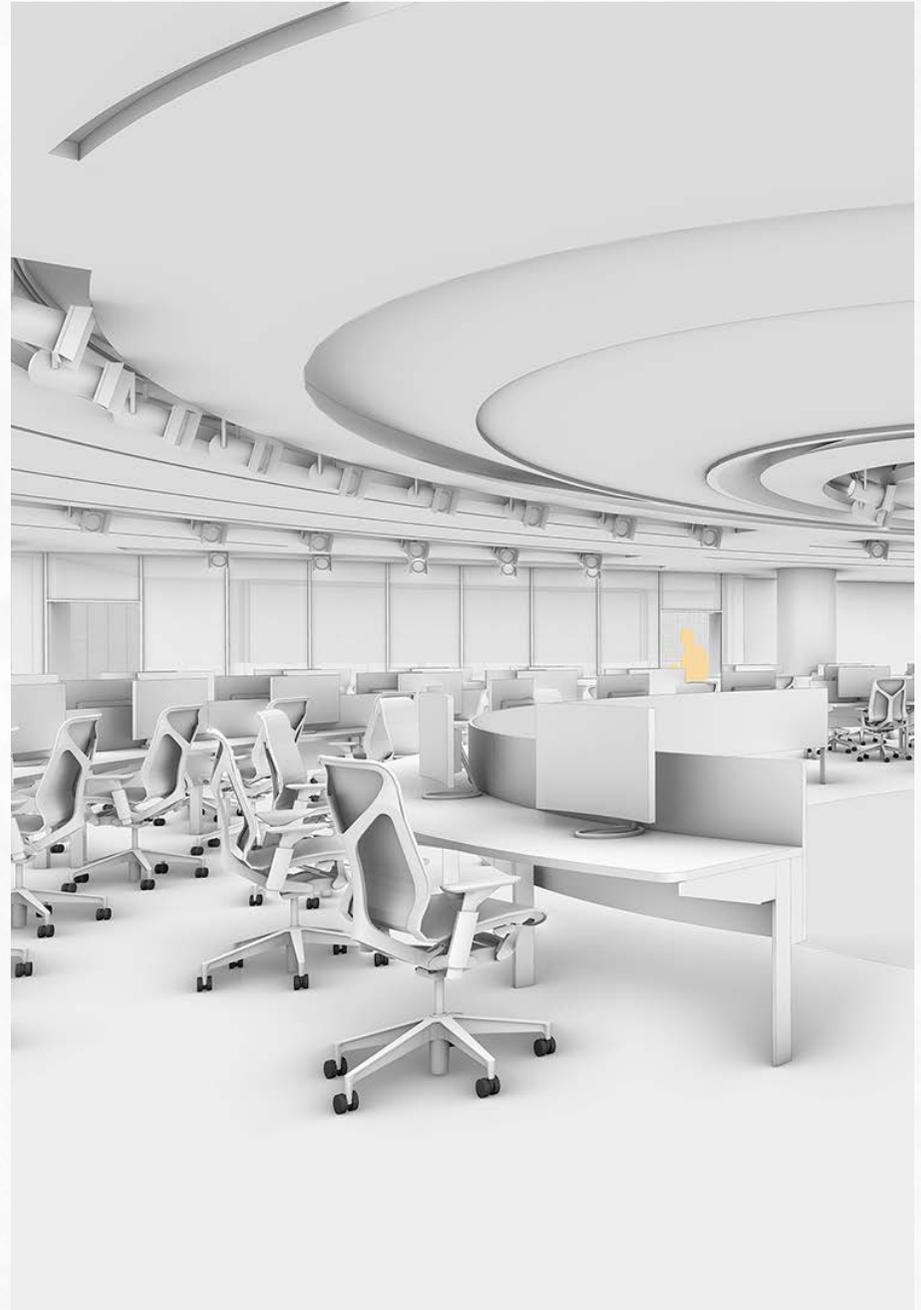
Project 02



- Legend**
- 1- LED screen display
 - 2- Command centre LED display
 - 3- Primary broadcast studio
 - 4- Radial work stations
 - 5- Audio control room
 - 6- LED screen display
 - 7- Radial work stations
 - 8- Secondary broadcast studio
 - 9- Concave forecast display
 - 10- Light rack room



Operator's desks



Operator's desks



Weather forecast display



Secondary broadcast setup



Internal control room



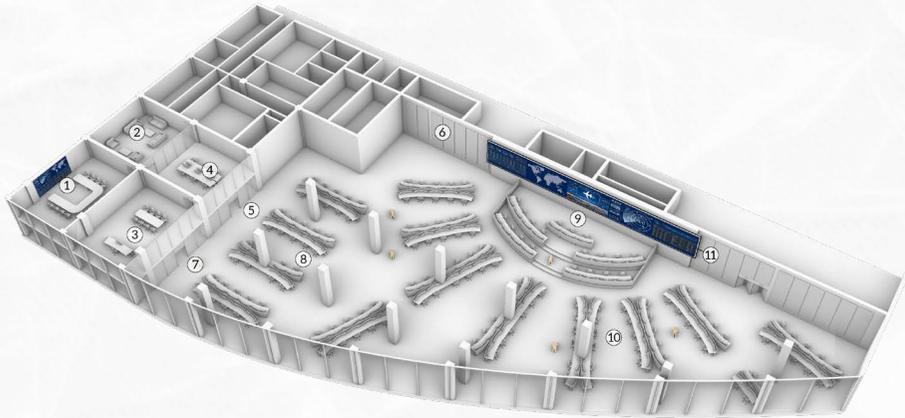
Primary broadcast desk



03 AVIATION CONTROL ROOM

This aviation control room, set within a double height space, utilised the vast expanse of floor space available by containing a wide LED display screen, around which operator consoles were placed. This enabled sufficient screen coverage from most points in the control room.

Project 03

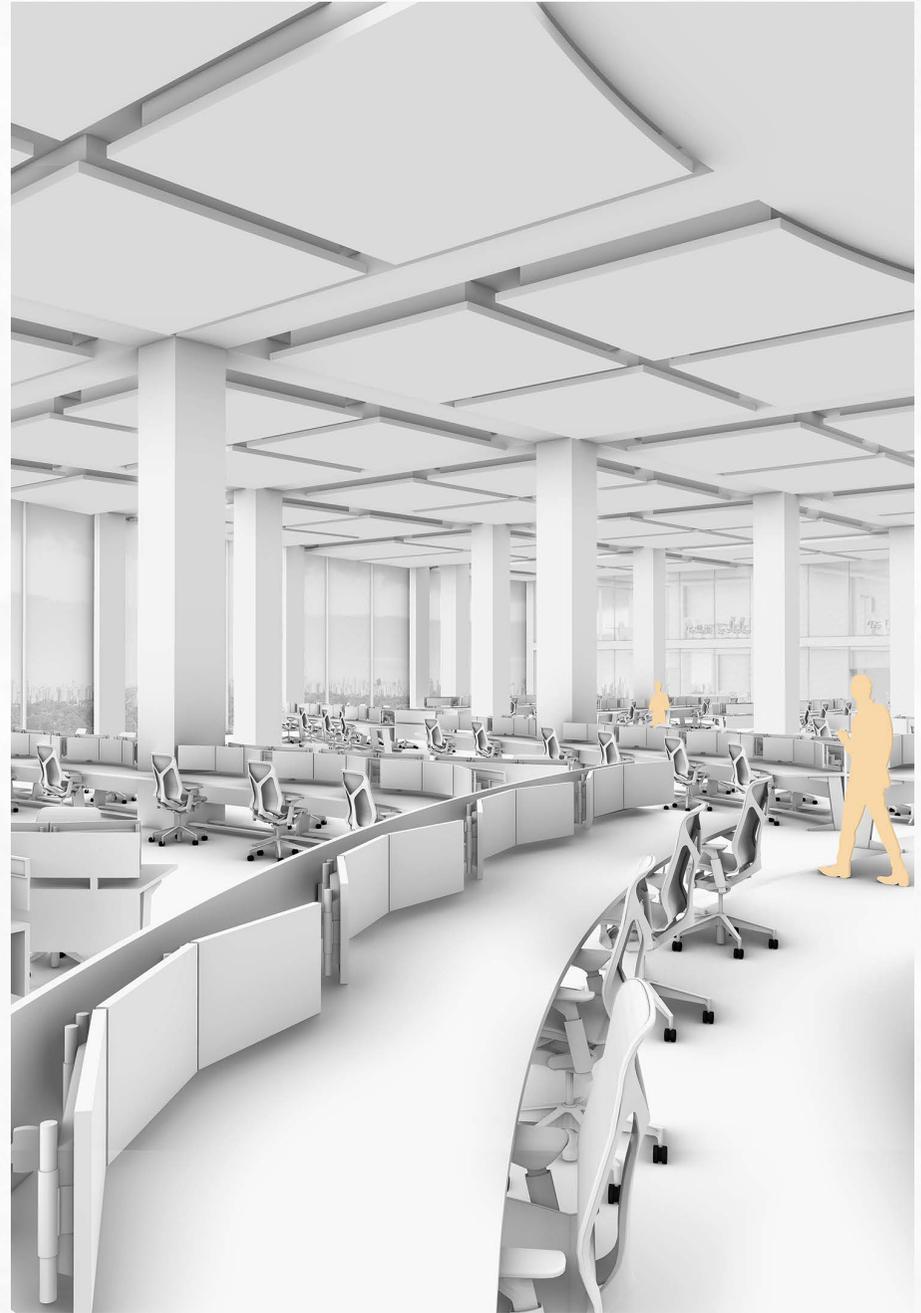


Legend

- 1- Meeting room
- 2- VIP Lounge
- 3- Manager's office
- 4- Offices
- 5- Meeting room
- 6- Acoustic panels
- 7- Crisis management room
- 8- Transport authority consoles
- 9- Flight dispatch centre
- 10- Airport management consoles
- 11- Command centre LED display



Overhead view of control room space



Operator's consoles



Secondary control room



Meeting room



Control room space



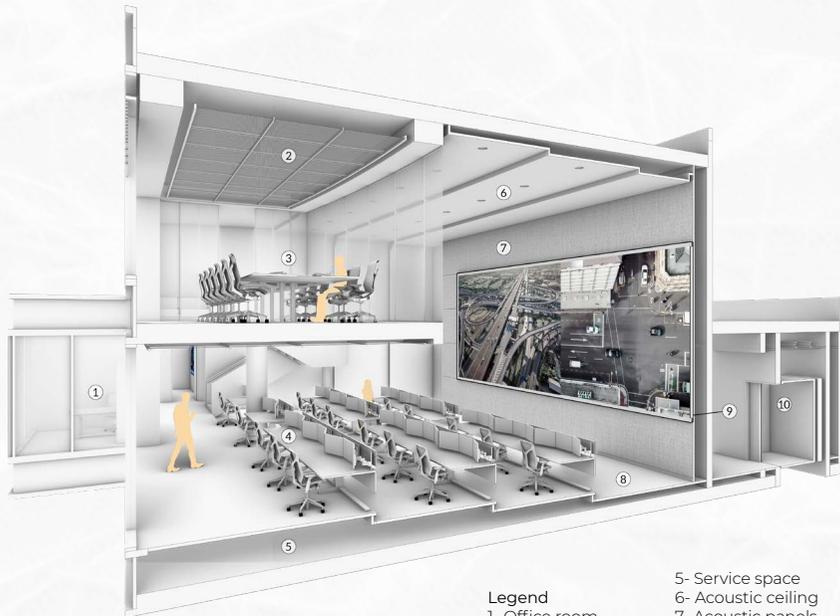
Control room space w/ LED display



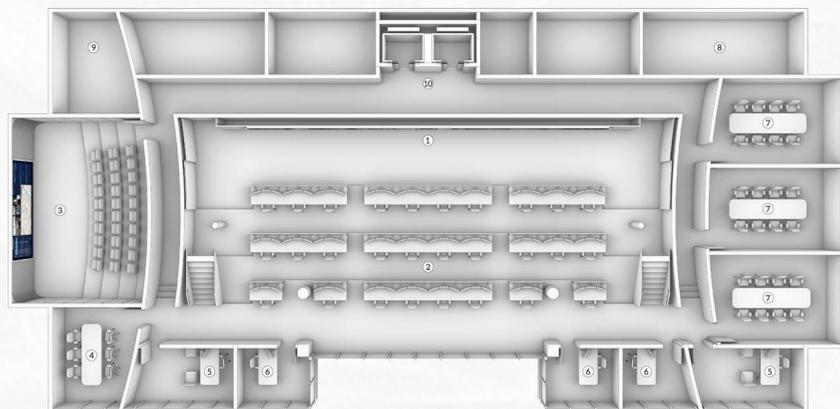
04 SURVEILLANCE CONTROL ROOM

This surveillance control room follows a terracing typology with an upper floor panoramic gallery & crisis management room. Key additional spaces include the presence of meeting rooms, offices, and an auditorium, which serves as a training site.

Project 04



- Legend**
- 1- Office room
 - 2- Mesh tiled ceiling
 - 3- Meeting room
 - 4- Operator's console
 - 5- Service space
 - 6- Acoustic ceiling
 - 7- Acoustic panels
 - 8- Acoustic flooring
 - 9- LED screen display
 - 10- Elevator shaft



- Legend**
- 1- LED screen display
 - 2- Control room
 - 3- Auditorium
 - 4- Presentation room
 - 5- Large office room
 - 6- Office room
 - 7- Meeting room
 - 8- IT technical room
 - 9- Service room
 - 10- Elevator entry





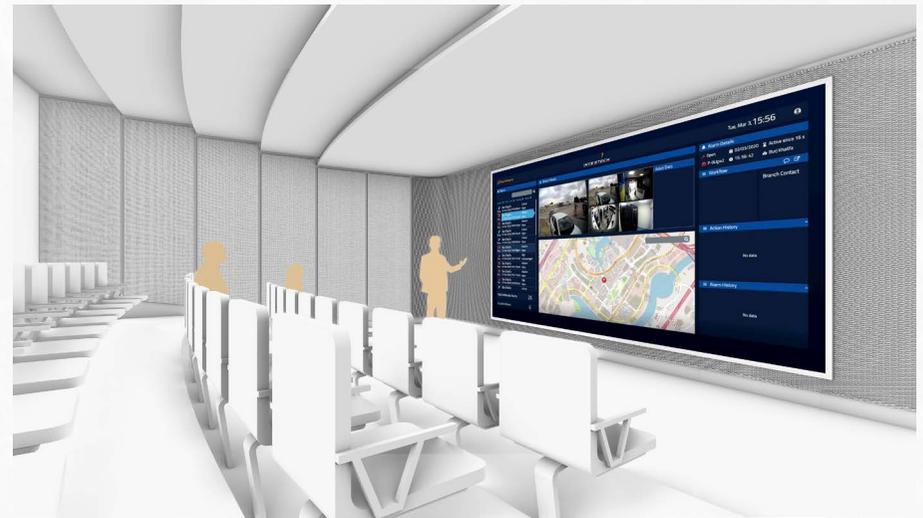
Crisis management room



Staircase to management floor



Operator's consoles



Auditorium



05 LOGISTICS CONTROL ROOM

This logistics control room contains a dual screen display system, along with a terracing of consoles and an upper floor gallery space. These all provide sufficient coverage of all activities along with ensuring optimal sightlines, thus improving overall efficiency

Project 05



Control room entry



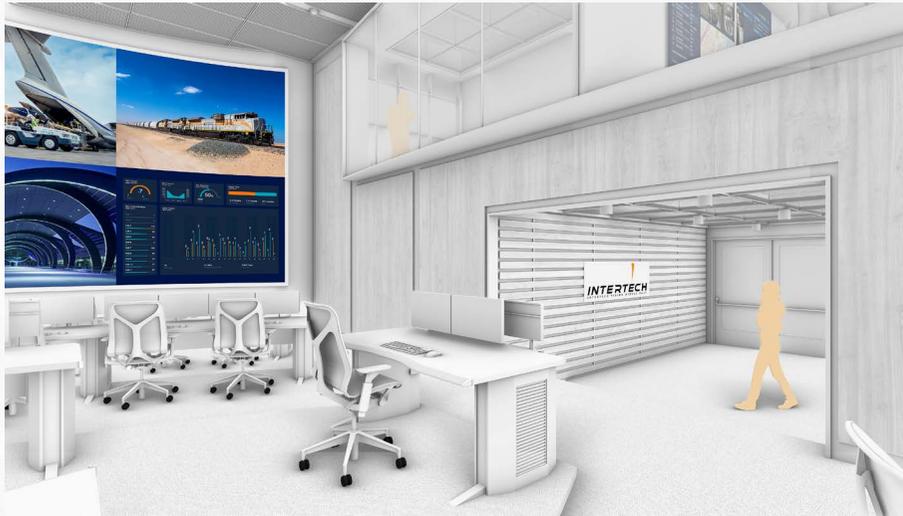
LED screen display



Secondary control room



Meeting room



Control room space w/ entry



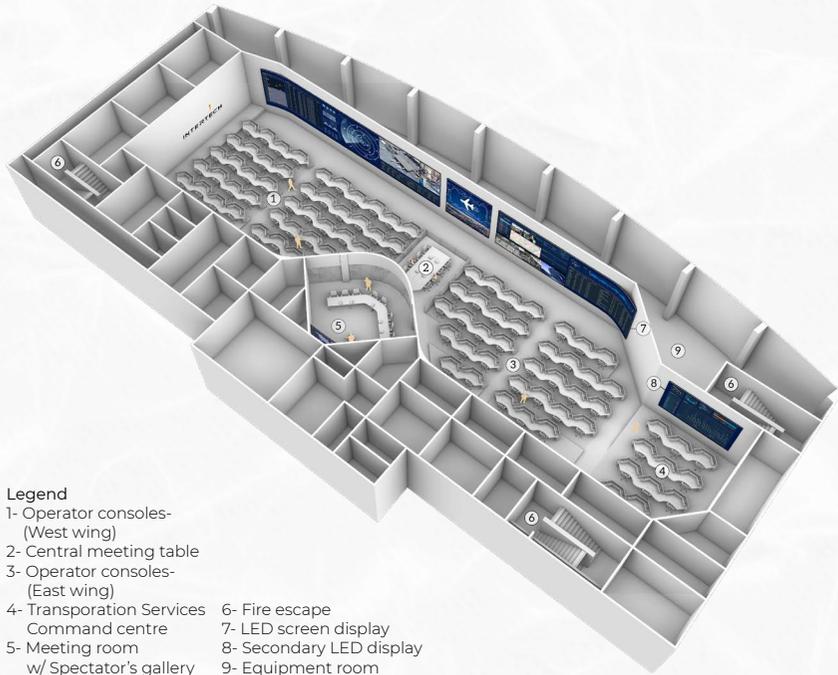
Overhead view of control room space



06 FACILITY MANAGEMENT CONTROL ROOM

This control room consists of a vast space separated into three zones, with a central meeting space and gallery. The use of a staggering console configuration also enabled a higher occupancy limit to be achieved, whilst giving each operator ample space and comfort.

Project 06



- Legend**
- 1- Operator consoles- (West wing)
 - 2- Central meeting table
 - 3- Operator consoles- (East wing)
 - 4- Transportation Services Command centre
 - 5- Meeting room w/ Spectator's gallery
 - 6- Fire escape
 - 7- LED screen display
 - 8- Secondary LED display
 - 9- Equipment room





Crisis management room



Control room space



Control room space w/ LED display



Meeting space



07 TRAFFIC MANAGEMENT CONTROL ROOM

This traffic management facility was shaped by the unusual spatial qualities of the site, which consists of a curvilinear shell wrapped around a double height space. The length of the space was utilised through the implementation of a 30 metre-long LED display wall.

Project 07



Legend

- 1- Entrance
- 2- Operator's console
- 3- LED screen display
- 4- Equipment room
- 5- Service space
- 6- Meeting room
- 7- Presentation room
- 8- Supervisor's office
- 9- Corridor
- 10- Fire escape

Occupancy limit:
50
operators

Total console display count:
195
screens

Video wall display length:
30
metres

Primary Characteristics:



Stepped Seating:
Creates optimal sightlines toward LED display



Viewing Gallery:
Provides spectators with a view inwards



Panoramic LED display:
Allows for total observation from any point in room



Control room space



Control room space



Control room space



Upper floor walkway overlooking control room space



Operator's consoles



Overhead view of control room space



Upper floor office space



Manager's office



Meeting space



Crisis management room



08 FLIGHT MANAGEMENT CONTROL ROOM

This flight management control room contains rows of dual facing consoles centered around a single LED screen. The use of ceiling slats and a clerestory window also filter natural light into the space, which improves operator health and reduces energy costs.

Project 08

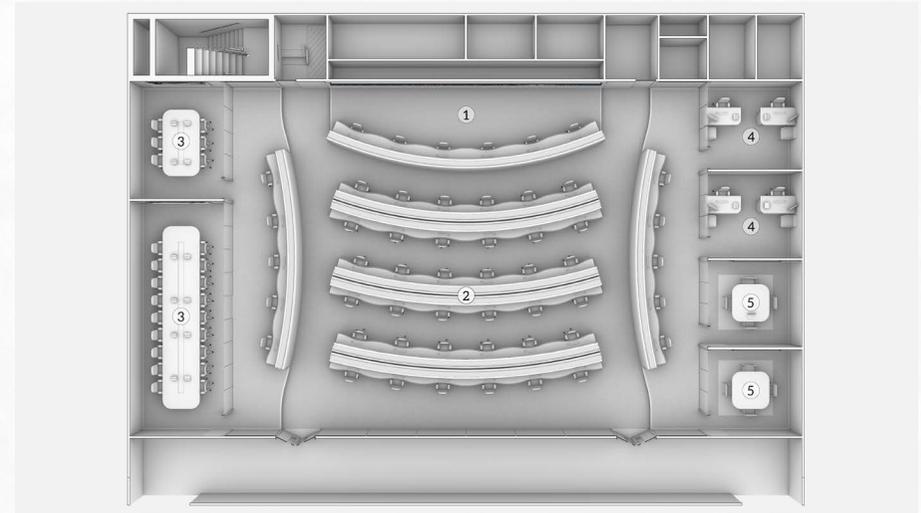


Legend

- 1- Command centre
- 2- LED screen display
- 3- Secondary offices
- 4- Crisis management room
- 5- Golden meeting room
- 6- Silver meeting room
- 7- Roof structure
- 8- Clerestory windows
- 9- Operator's consoles
- 10- Mechanical space
- 11- Equipment room



Control room space w/ LED screen display



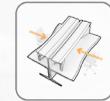
Legend

- 1- Command centre consoles
- 2- Operator's consoles
- 3- Meeting/Presentation rooms
- 4- Secondary offices
- 5- Secondary meeting rooms

Primary characteristics



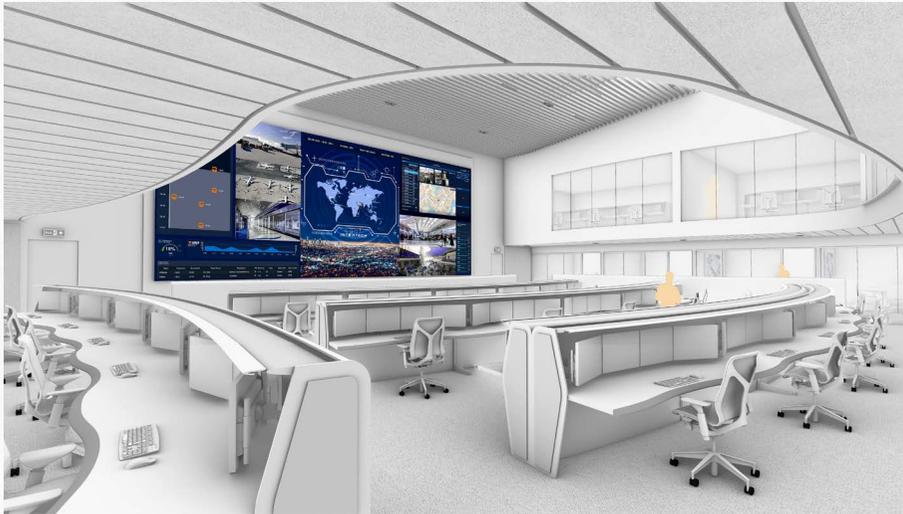
Central LED display:
Allows for total observation from any point in room



Dual-facing console configuration:
Results in more efficient use of floor area



Control room space



Control room space



Overhead view of control room space



Golden meeting room



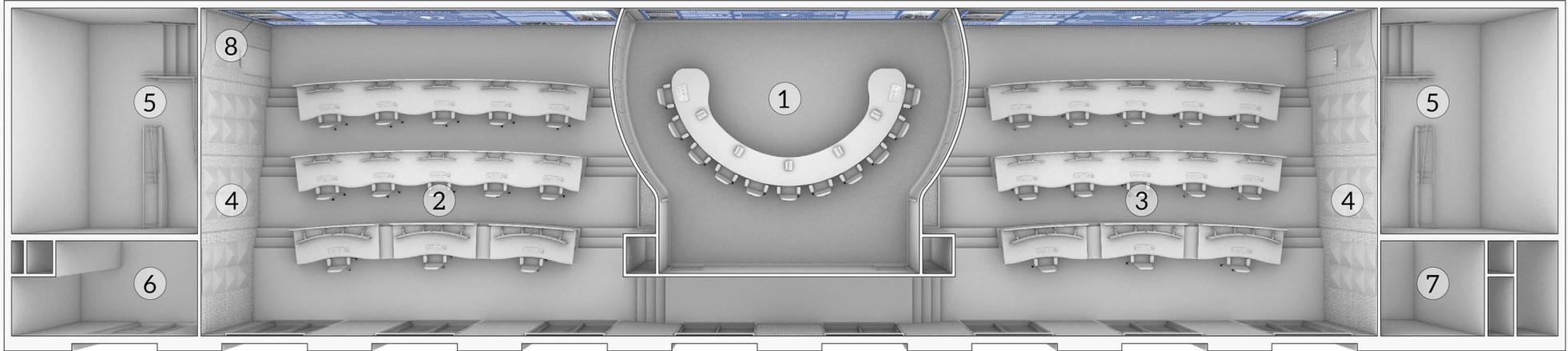
Meeting room



09 ENERGY SECTOR CONTROL ROOM

This energy control room contains two distinct wings, with a circular crisis management room connecting both halves. Energy consumption was also minimised through saw tooth lighting and controlled openings, allowing diffused natural light to illuminate the space.

Project 09



Legend

- 1- Meeting room
- 2- West wing control room consoles
- 3- East wing control room consoles

- 4- Acoustic panels
- 5- Fire escape
- 6- Service space
- 7- Server room
- 8- LED video walls

Occupancy limit:

26
operators

Primary characteristics



Stepped Seating:
Creates optimal Sightlines towards LED display



Sawtooth Lighting:
Improves control room ambiance by diffused lighting





- Legend**
- 1- Sawtooth Roof
 - 2- Acoustic Panels
 - 3- LED display wall
 - 4- Operator's Consoles
 - 5- Meeting room
 - 6- Supervisor's Consoles
 - 7- Equipment Room

Primary Characteristics



Supervisor Centrality



Central LED display



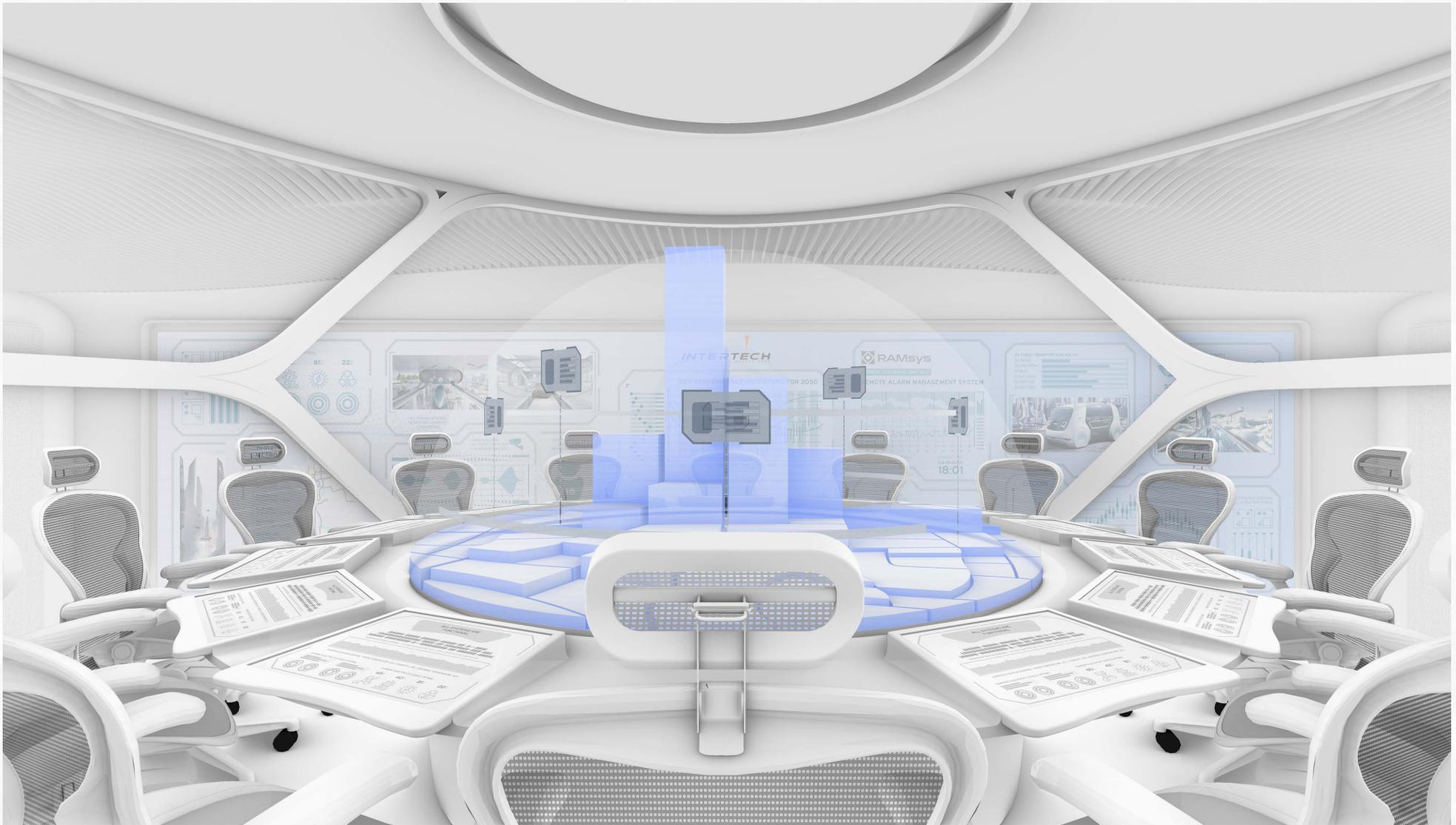
Control room space overlooking Crisis Management Room



Control room space



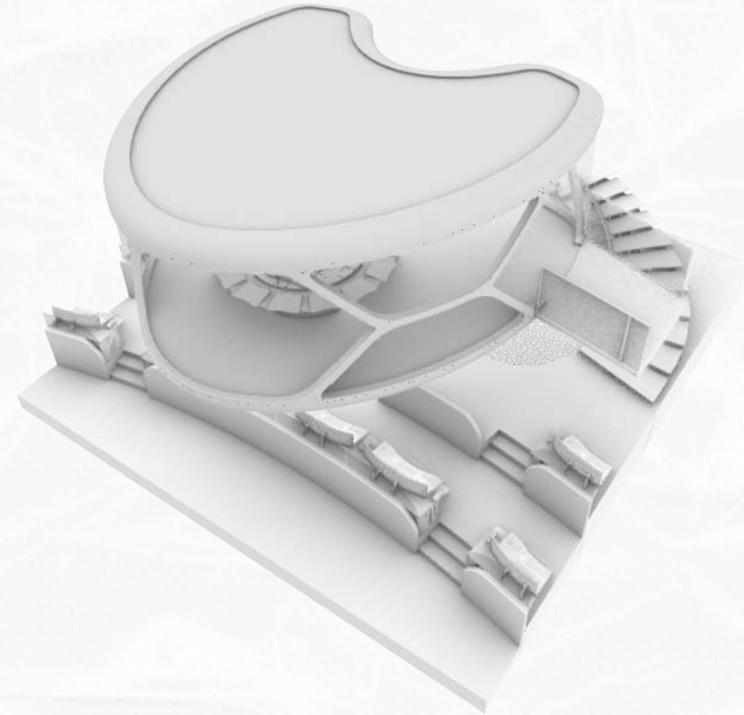
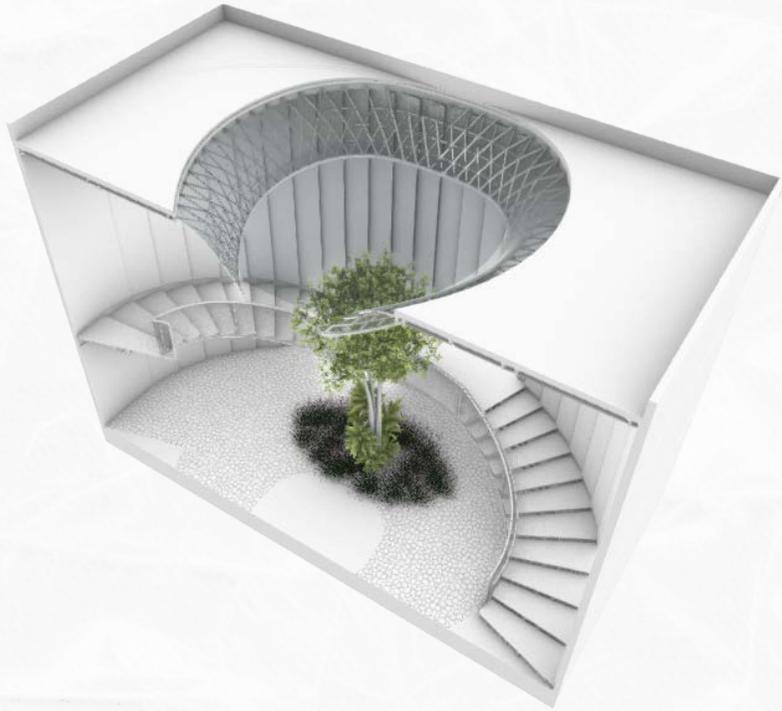
Crisis Management Room



10 THE CONTROL ROOM OF THE FUTURE

The Control Room of the Future is our forward thinking vision on potential future control rooms. Several aspects we've explored include: biophilic design, light mimicry, holographic technology, self-adjusting furniture, and LED touch table consoles.

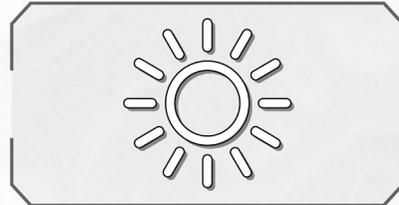
Project 10



Biophilic Design

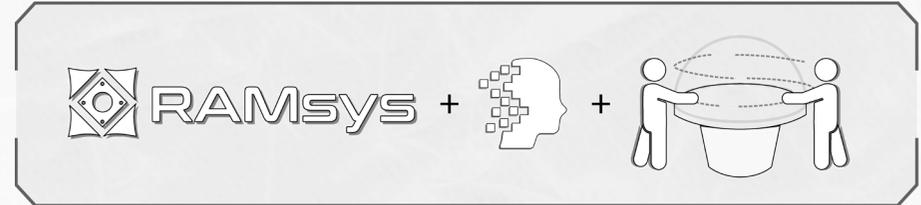


Indoor Vegetation:
Strategically placed greenery provides operators with a sense of calm and serenity, ultimately improving mental well-being and overall productivity



Natural Lighting:
Skylights light up interior spaces, reducing the use of artificial lighting during daytime and improving the circadian rhythms of all operators

Crisis Management



RAMSYS + AI Technology:
Instantaneous access to alarm management systems coupled with integrated AI functionality will allow for an ultra efficient workflow

Holographic Projections:
Holographic projections allow for a 3D representation of data, enabling more thorough decision making due to the vast capability of data visualisation



Control room space



Control room space



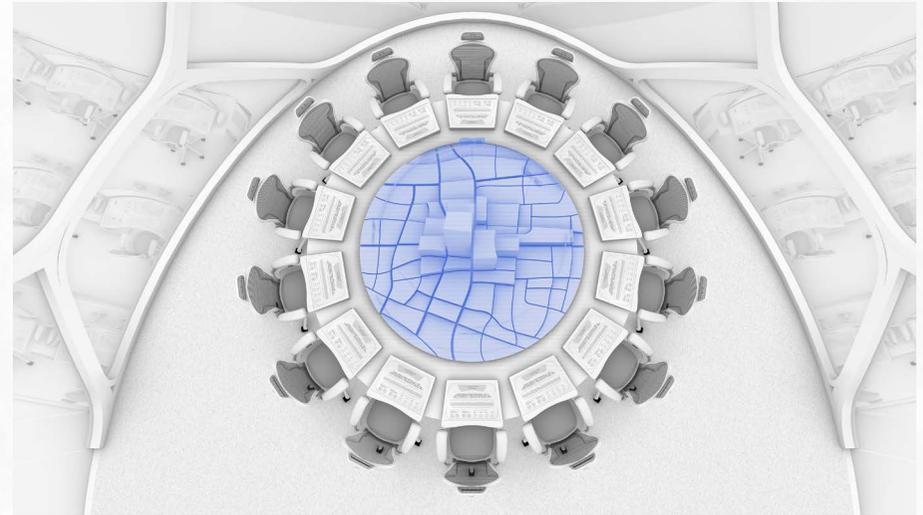
Control room space



Control room space



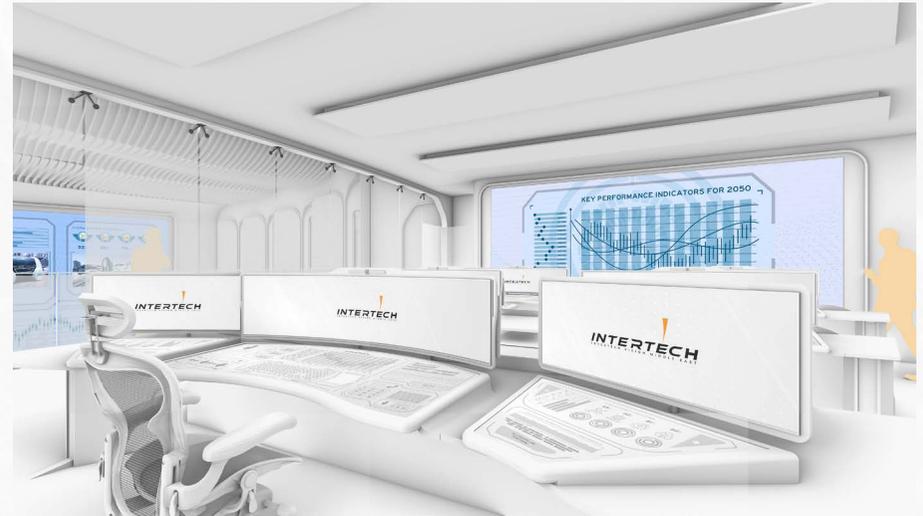
Overhead view of control room space



Crisis management hologram



LED screen display



Secondary control room





Intertech Dubai
Al Quoz Industrial Area, Dubai
P.O Box 37713
Email: sales@itv-me.com
Landline: +97143390651

Intertech Abu Dhabi
312, Plot No. 29 Al Ain Road
Ali Bin Khalfan,
Al Dhaheri Building,
Sas Al Nakheel, Abu Dhabi

Intertech Cairo
Villa 13, 265st,
Al-Lasilki,
Maadi, Cairo
Email: sales@itv-me.com





INTERTECH
INTERTECH VISION MIDDLE EAST

www.itv-me.com