



**LUNDHALSEY®**

# **CONTROL ROOM SOLUTIONS**

## ABOUT US

**OUR REPUTATION FOR THE DESIGN AND MANUFACTURE OF EXCEPTIONAL CONTROL ROOM CONSOLES AND SOLUTIONS IS BUILT ON 30 YEARS OF EXPERIENCE, WITH A FOCUS ON CUSTOMER SERVICE AND A RELENTLESS PURSUIT OF INNOVATION AND TECHNICAL EXCELLENCE.**

Our well-respected team is passionate about innovation, excellence and customer service – these qualities characterise every project we deliver.

LundHalsey control room consoles and solutions are chosen by the most successful and prestigious organisations in the world to support their demanding missions in the aviation, broadcast, defence, energy, military, process control, satellite, security, teleport and transport industries.

We work with facility and system designers as well as end clients to specify and build innovative and highly functional bespoke control room layouts. We deliver innovative, mission critical solutions to customers all over the world. We also provide custom projects and bespoke solutions for niche industries.



## OUR PROCESS



# WORLD CLASS DELIVERY

**WORLD CLASS INNOVATION, PRODUCT DESIGN AND CUSTOMER SERVICE ARE AT THE FOREFRONT OF THE LUNDHALSEY OFFERING AND WE ARE REALLY PROUD TO DELIVER COMPLETE SOLUTIONS TO NEW AND REPEAT DIRECT CUSTOMERS GLOBALLY.**

We also have long-standing associations with respected specialist technology partners in key regions, ensuring that our solutions remain in-step with local market demands



## THE IMPORTANCE OF DESIGN



**THE BEST DESIGNS BRING TOGETHER SLEEK AESTHETICS AND HIGH FUNCTION, TAKING IN A WIDE RANGE OF OPERATIONAL, TECHNICAL AND SECURITY FACTORS.**

With LundHalsey's unique Design My Control Room® and VR capability, you can experience and walk through your design, testing out every aspect to check you are satisfied with the way it will look and operate in practice.



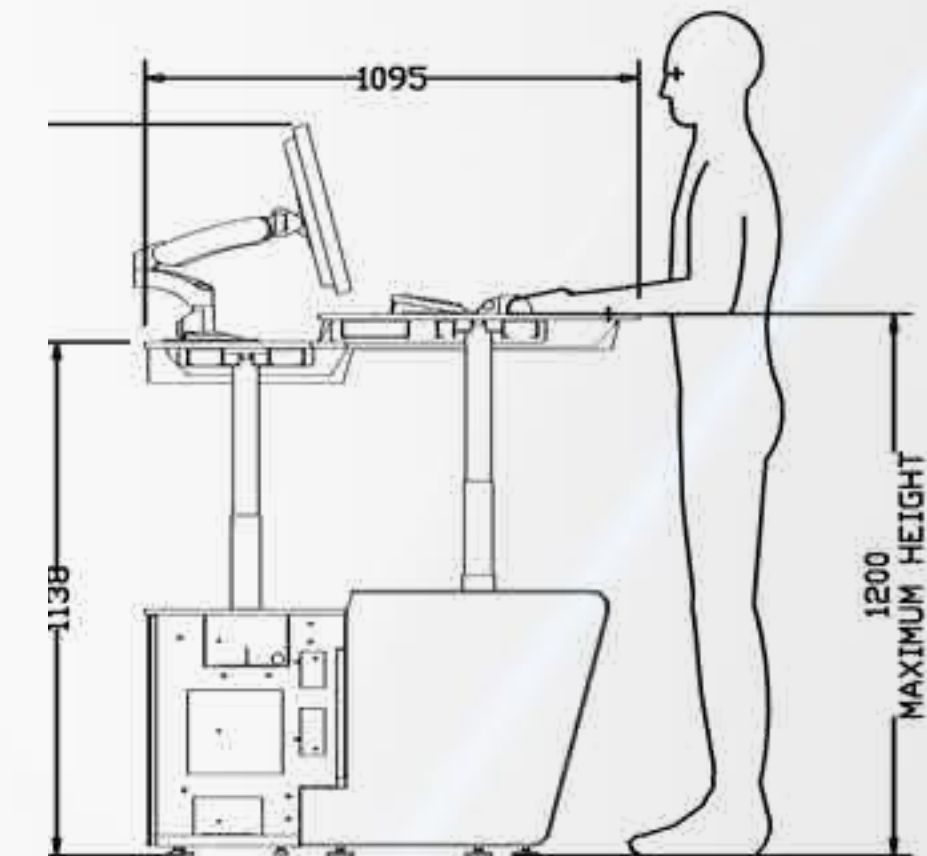
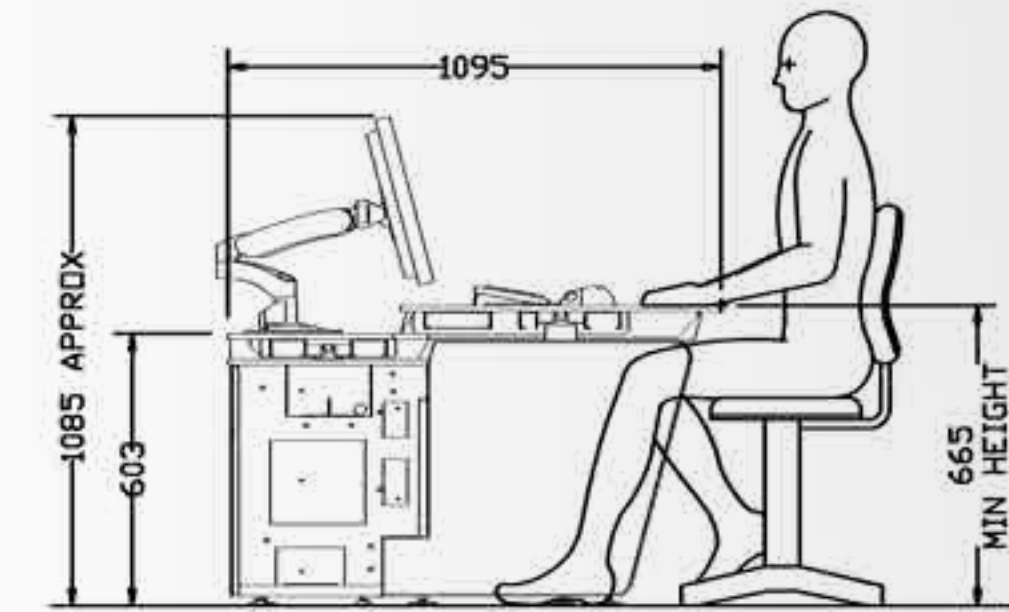
**dba**  
effective design

# THE IMPORTANCE OF DESIGN

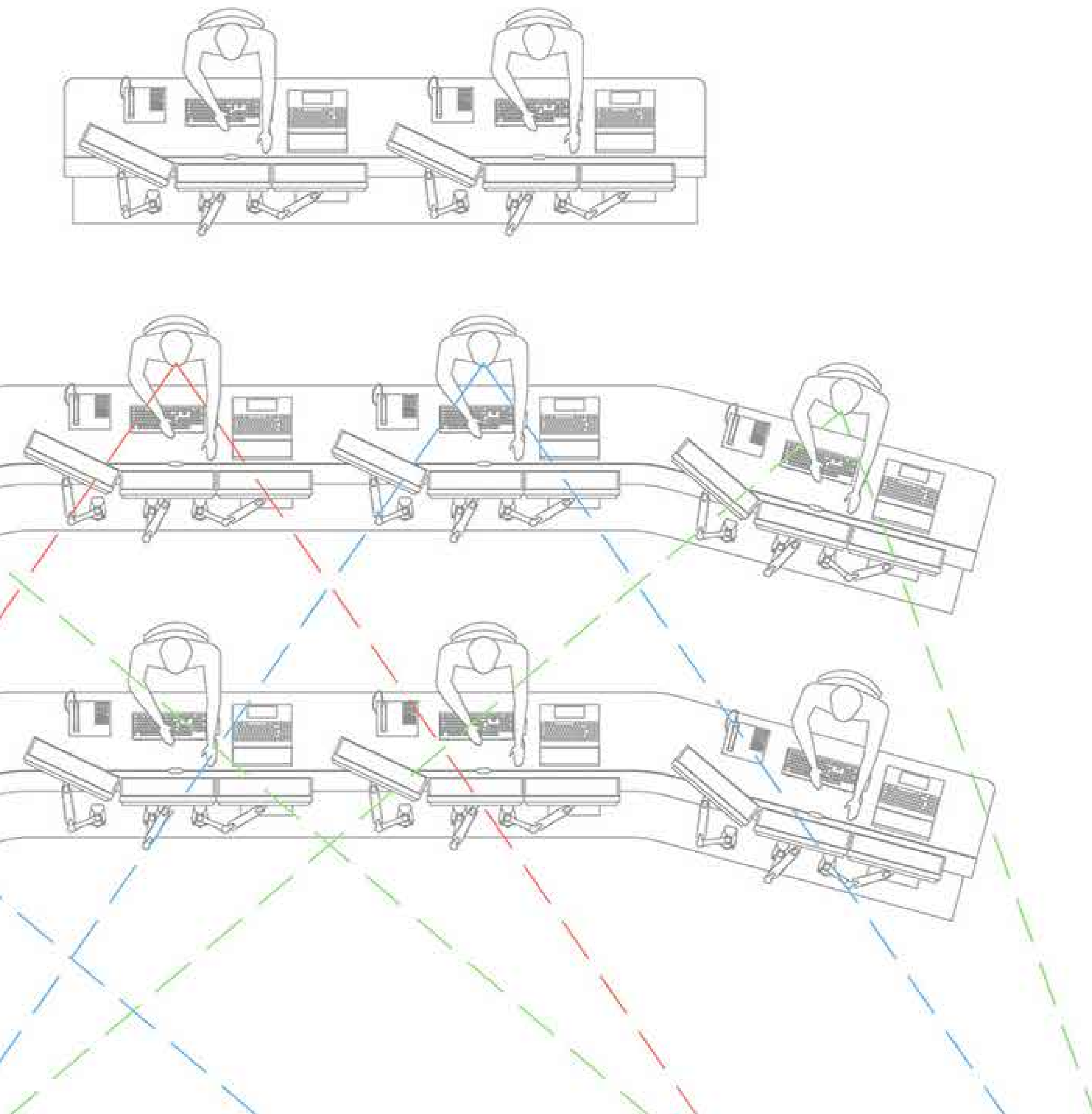
## WE CARRY OUT DETAILED CONTROL ROOM WORKING ENVIRONMENT ASSESSMENTS AND REPORTS THAT ADDRESS KEY SPECIALIST AREAS:

- // Lighting
- // Acoustics
- // Ergonomics
- // Operator comfort
- // Sightlines
- // Mechanical design integration
- // Security and staff access management
- // Maintaining situational awareness in every task and situation
- // Raised flooring, cable management and routing
- // Materials, finishes, colour schemes

With LundHalsey's unique Design My Control Room and VR capability, you can experience and walk through your design, testing out every aspect to check you are satisfied with the way it will look and operate in practice.



## THE IMPORTANCE OF DESIGN



### **OUR DESIGN EXPERTS BLEND PRACTICAL EXPERIENCE AND OPERATIONAL RIGOUR TO DELIVER EFFECTIVE WORKING ENVIRONMENTS FOR OPTIMUM PERFORMANCE.**

In a contemporary control room, the working environment and console configuration directly affect safety, efficiency and effectiveness. System automation and AI integration have changed the roles of many 24/7 control room operators. They may focus on monitoring for exceptions, so it's essential to provide an optimised working environment for operators to maintain vigilance throughout their shift, meeting industry-recognised performance criteria.

Our design intent methodology embraces Performance Shaping Factors (PSFs) including glare, background noise, operator situational awareness and operator vigilance and alertness.

## LUNDHALSEY DESIGN MY CONTROL ROOM®

**BUILD, REVIEW AND EXPLORE THE DETAILS OF YOUR BESPOKE CONSOLES, SYSTEMS OR ENTIRE CONTROL ROOM, USING OUR UNIQUE 3D AND VIRTUAL REALITY (VR) CONFIGURATOR, LUNDHALSEY DESIGN MY CONTROL ROOM®.**

It's included as part of our market-leading service, to ensure that every system is tailored to perform optimally in its live, on-site environment.

We developed this revolutionary immersive visualisation tool as part of our own rigorous control room design process.

We've adapted it for customers and partners to use easily and quickly, from a laptop, tablet, smartphone or desktop, wherever you are in the world and whether you're an experienced system designer or a functional director.





## CUSTOM VIRTUAL REALITY

**WITH OUR CUSTOM VR SERVICE, YOU CAN SELECT AND CUSTOMISE YOUR OWN CONSOLES AND SCREENS THEN ADD THE PRECISE COMPONENTS AND ACCESSORIES YOU NEED.**

You can zoom in, walk through and explore from every angle, scrutinising the lifelike detail - from cable management and equipment mounting accessories to screen sightlines, access and spacing.

We can put your bespoke consoles and accessories into a 3D plan of the room and building where they'll be used, so you can take a VR walk around and inspect the facility. We can even add your own branding and graphics.



LUNDHALSEY

# MARKET SECTORS



AVIATION



TV BROADCAST



SECURITY /  
MILITARY /  
DEFENCE



OIL, GAS &  
PROCESS  
CONTROL



RADIO  
BROADCAST



WASTE TO  
ENERGY



SPECIAL  
PROJECTS

## PRODUCT SELECTION

### **LUNDHALSEY OFFERS YOU A PREMIUM RANGE OF CONTROL ROOM CONSOLE SOLUTIONS DESIGNED FOR EVERY MARKET AND EVERY MISSION CRITICAL APPLICATION.**

Our design team works closely with our clients and strategic partners to develop high-performing, compliant products and product solutions that are designed to deliver functionality and productivity. We're constantly evolving our range to incorporate the latest features and to embrace emerging applications. Our product range is fully customisable, with tailored options and premium features developed to meet the needs of specialist market sectors.



**HOVER OVER INDUSTRY ICONS  
AND CLICK TO SELECT**

# AVIATION



**OUR CONSOLES ARE IN USE GLOBALLY IN ATC & ATM FOR BOTH CIVIL & MILITARY USE BOTH LIVE & SIMULATION**

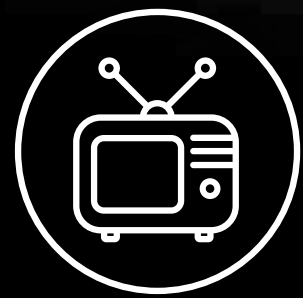
We work with the world's largest Airport operators & System Integrators to deliver world class console solutions to the exacting requirements of the Aviation Industry. In addition to traditional ATC & ATM applications, our consoles are used in a wide range of specialist Aviation sectors including; Operation Centres, Baggage Handling, Customs, Immigration, Fire, Police and Security.



**SELECT FROM THE CLASS-LEADING AVIATION CONSOLES BELOW**



# TV BROADCAST



## LUNDHALSEY TV BROADCAST CONSOLES ARE USED BY LEADING BROADCASTERS ACROSS THE WORLD

Our fully modular e-Type range is recognised as a market-leading broadcast console solution. Offering both fixed height and height adjustable console options with over 100 standard modules, the range can be adapted to meet exacting broadcast requirements. It's easy to expand and reconfigure consoles to embrace changes in equipment and operation.



SELECT FROM THE CLASS-LEADING TV BROADCAST CONSOLES BELOW



# SECURITY/MILITARY/DEFENCE



**LUNDHALSEY CONTROL CONSOLES ARE SPECIFICALLY DESIGNED FOR THE RIGOURS OF 24/7 SECURITY AND MILITARY APPLICATIONS.**

From UK Government Security to global border control in the Middle East, leading security industry organisations choose our specifically designed console systems for their 24/7 monitoring centres.



**SELECT FROM THE CLASS-LEADING SECURITY, MILITARY AND DEFENCE CONSOLES BELOW**



# OIL, GAS AND PROCESS CONTROL



**OUR CONSOLES ARE USED GLOBALLY FOR THE MOST DEMANDING OIL, GAS AND PROCESS CONTROL ENVIRONMENTS.**

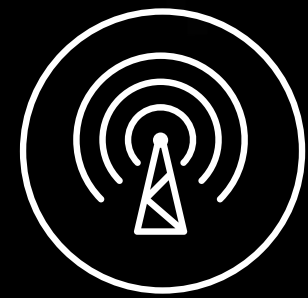
LundHalsey's highly experienced design and project management team is dedicated to supporting the industry's engineering and project requirements. Our consoles and control rooms are built to handle the unique challenges of tough energy sector environments, from offshore rigs and onshore refineries to pipelines and distribution centres.



**SELECT FROM THE CLASS-LEADING OIL, GAS AND PROCESS CONTROL CONSOLES BELOW**



# RADIO BROADCAST



**OUR RADIO BROADCAST CONSOLES ARE USED GLOBALLY BY LEADING TRADITIONAL BROADCASTERS AS WELL AS NEW MEDIA PODCASTERS.**

Even in the same facility, radio consoles often have unique or very specific features. LundHalsey has years of experience in providing high quality fixed and adjustable height radio broadcast consoles. We can quickly configure and build consoles to meet your every requirement.



SELECT FROM THE CLASS-LEADING RADIO BROADCAST CONSOLES BELOW





# WASTE TO ENERGY



## LUNDHALSEY PROVIDES A WIDE RANGE OF CONSOLE SOLUTIONS FOR RENEWABLE AND WASTE-TO-ENERGY APPLICATIONS.

LundHalsey's range of bespoke, customisable consoles play a vital role for our clients in the management of wind farms and solar energy farms. With a wide range of features and accessories, our consoles are designed to deliver efficient operational control in hydroelectric, tidal energy, geothermal energy, and biomass energy and waste-to-energy facilities.



SELECT FROM THE CLASS-LEADING WASTE TO ENERGY CONTROL CONSOLES BELOW



## CUSTOM PROJECTS



**WE HAVE A STRONG TRACK RECORD OF DESIGNING, BUILDING AND DEPLOYING FULLY BESPOKE CONTROL ROOM SOLUTIONS.**

In addition to our wide range of consoles and accessories we're uniquely placed to deliver custom control room design. With our unique Design My Control Room and Virtual Reality apps, you can fully visualise and explore the environment during the design process, for complete confidence that your control room will function perfectly and match your brand's aesthetic.



**WE'VE DELIVERED FULLY BESPOKE SOLUTIONS IN THIS WAY FOR PROMINENT PROJECTS WITH A GLOBAL PROFILE, INCLUDING FORMULA 1 MOTOR RACING AND WIMBLEDON TENNIS.**

# KONTROL RANGE



AVIATION



SECURITY /  
MILITARY /  
DEFENCE



OIL, GAS &  
PROCESS  
CONTROL



WASTE TO  
ENERGY

# THE KONTROL RANGE

## OUR AWARD-WINNING KONTROL CONSOLE RANGE PROVIDES A PREMIUM, FEATURE RICH SOLUTION FOR ANY MISSION CRITICAL CONTROL ROOM APPLICATION

Our new Kontrol Plus console joins our market-leading Kontrol Command and Kontrol Air models to deliver exceptional performance in mission critical control rooms. Kontrol Plus incorporates our very latest console design and innovation and a premium aesthetic design, including an all-new illuminated 'floating' work surface. All the Kontrol consoles offer high-quality detailing, with leading ergonomic and functional features.



### KONTROL PLUS

- // Stunning illuminated 'floating' work surface design
- // Elegant high-gloss detailing
- // Ergonomic design with premium features



### KONTROL COMMAND

- // Fixed height console with task lighting
- // Integrated cable management system and power distribution
- // Kontrol monitor arm system



### KONTROL AIR

- // Height adjustable console section from minimum 665mm – 1200mm maximum height
- // 250 kg lifting capability
- // Includes Kontrol Command features – task lighting, monitor arm, cable and power management



# KONTROL PLUS

## FIXED HEIGHT COMMAND AND CONTROL CONSOLE

The new fixed height Kontrol Plus command-and-control console incorporates our very latest design and technical innovations. A blend of premium aesthetic design and high-quality detailing with high-performing ergonomic and functional features, Kontrol Plus is crafted for optimal performance and operator comfort.

**dba**  
effective design

## DESIGN FEATURES



**HOVER OVER THE THUMBNAILS ABOVE  
TO REVEAL THE DESIGN FEATURES...**

## OPERATIONAL FEATURES



## KONTROL COMMAND

**THE ORIGINAL KONTROL  
COMMAND CONSOLE, RECOGNISED  
BY A DBA AWARD FOR DESIGN  
EFFECTIVENESS IN 2018.**

This console continues to set an industry benchmark for design, functionality, efficiency and ergonomics.

**dba**  
effective design



## KONTROL AIR

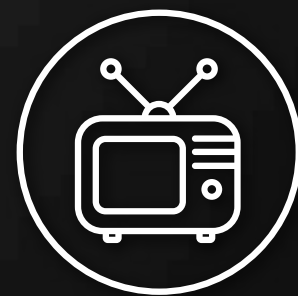


### **A HEIGHT ADJUSTABLE VERSION OF THE AWARD-WINNING KONTROL COMMAND CONSOLE.**

Kontrol Air features adjustment from sitting to standing height, for optimal operator comfort and productivity.

LUNDHALSEY

# E-TYPE RANGE



TV BROADCAST



RADIO BROADCAST

## THE E-TYPE RANGE

**A HEIGHT ADJUSTABLE VERSION OF THE AWARD-WINNING KONTROL CONSOLE, KONTROL AIR FEATURES ADJUSTMENT FROM SITTING TO STANDING HEIGHT, FOR OPTIMAL OPERATOR COMFORT AND PRODUCTIVITY.**

Designed for TV, Radio & Podcast broadcast studios and control rooms

- // Enhanced premium design
- // Sleek, interchangeable, modular equipment pods for optimum flexibility
- // Structurally engineered with heavy duty actuators, the e-Type Air option provides premium height-adjustability to elevate the desk and equipment smoothly and seamlessly.



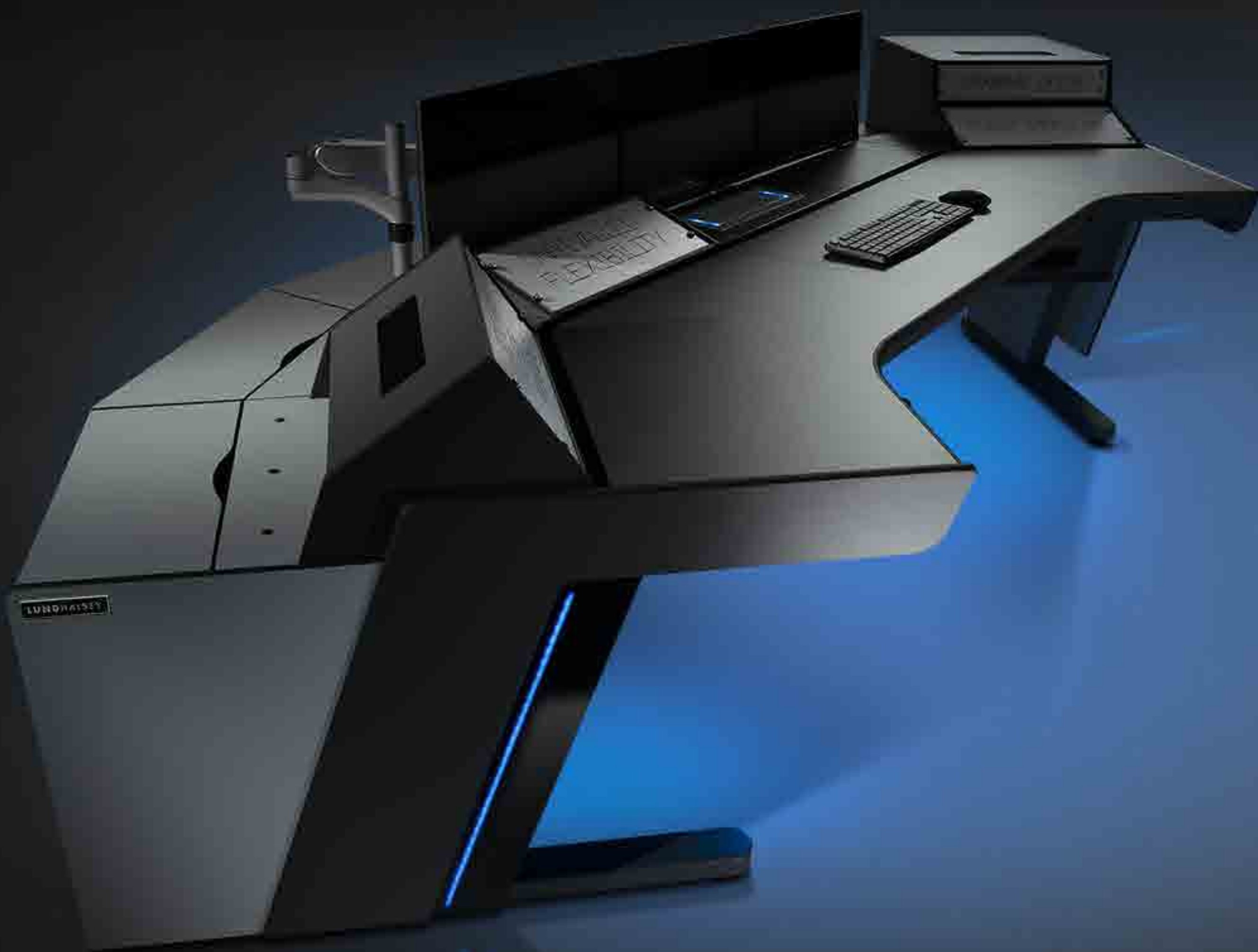
### NEW E-TYPE II PLUS

- // Enhanced premium design
- // Integrated cable and equipment management with front and rear access
- // Sleek interchangeable and modular equipment pods for optimum flexibility



### NEW E-TYPE II AIR PLUS

- // Enhanced premium design
- // Sleek interchangeable modular equipment pods for optimum flexibility
- // Structurally engineered with heavy duty actuators, provides a premium height-adjustable solution capable of lifting the desk and equipment seamlessly



## E-TYPE II PLUS

### FIXED HEIGHT BROADCAST CONSOLE

The new e-Type II Plus features our signature high-gloss piano black strip and compact laminate doors and panels. They give easy access to stored equipment and cable management. The clear workspace creates an excellent user experience in any broadcast application.

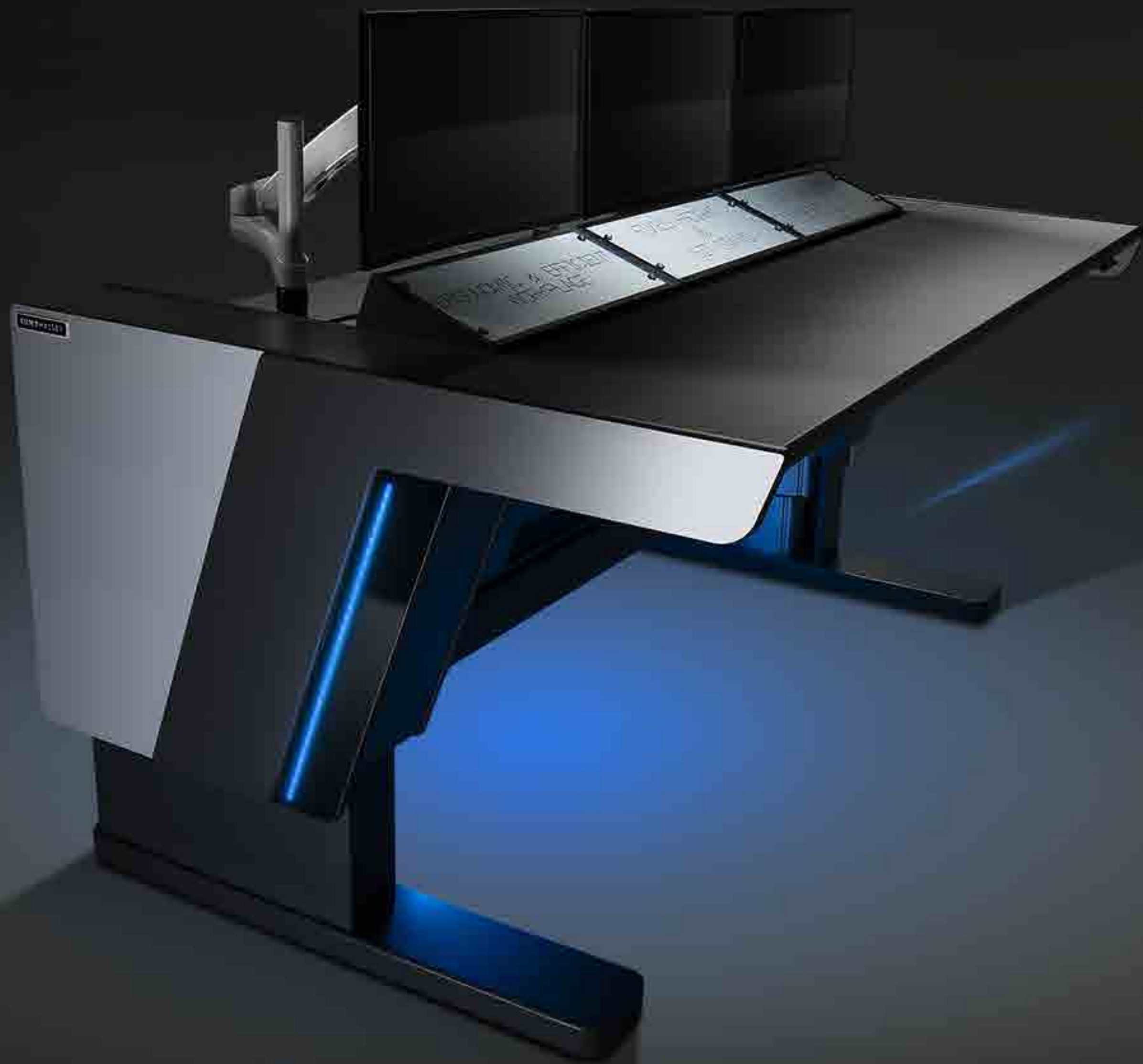
## DESIGN FEATURES



**HOVER OVER THE THUMBNAILS ABOVE  
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## OPERATIONAL FEATURES





# E-TYPE II AIR PLUS

## HEIGHT-ADJUSTABLE BROADCAST CONSOLE

With the new e-Type II Air Plus, you can enjoy all the advantages of the e-Type II Plus with added height adjustability, to suit your users' needs. The streamlined, modular design, easy cable management and discreet equipment storage make this console a powerful base for precise, productive control room operations in broadcast.

## DESIGN FEATURES



**HOVER OVER THE THUMBNAILS ABOVE  
TO REVEAL THE DESIGN FEATURES...**



## OPERATIONAL FEATURES



LUNDHALSEY

# VISION LINE



AVIATION



SECURITY /  
MILITARY /  
DEFENCE



OIL, GAS &  
PROCESS  
CONTROL



WASTE TO  
ENERGY

## VISIONLINE

### HEIGHT ADJUSTABILITY, EFFICIENCY & PREMIUM DESIGN AESTHETICS COMBINE FOR THE PERFECT, COMPACT CONTROL ROOM SOLUTION

A streamlined seated or adjustable sit/stand console desk created for user comfort and productivity, for a clutter-free workspace or where space is at a premium.

The Visionline aesthetic design features include our signature high-gloss piano black end panel, LED accent lighting and a subtle monitor dropdown to the rear of the work surface.



### VISIONLINE

- // Elegant, premium design
- // Ergonomic design with fixed or height adjustable options
- // Mobile app control
- // Work surface cable management and space-saving PC cubby storage





# VISIONLINE

## HEIGHT ADJUSTABLE CONTROL CONSOLE

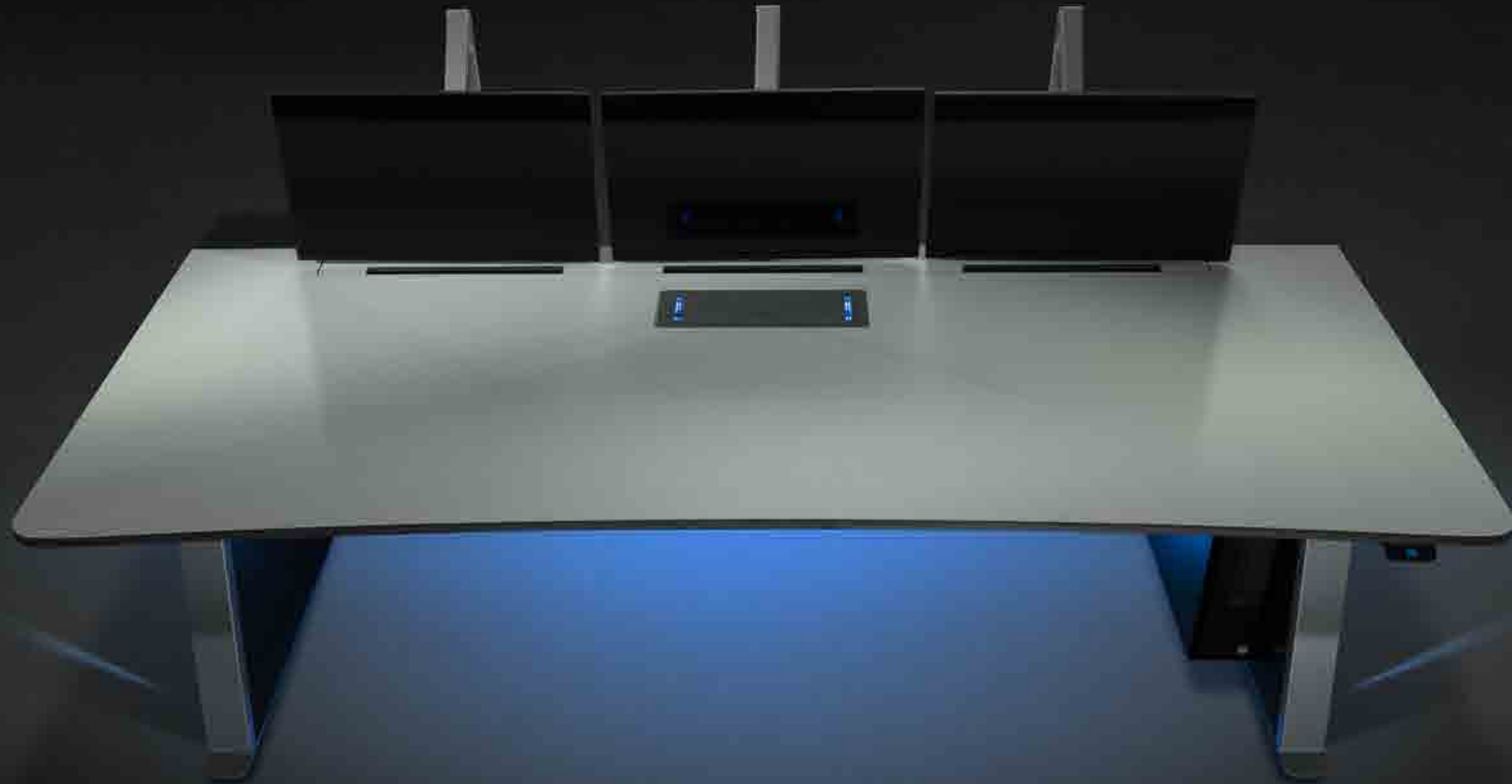
Visionline is designed for command and control rooms, including AV control rooms, Network Operation Centres (NOC) and Security Operation Centres (SOC).

## DESIGN FEATURES



**HOVER OVER THE THUMBNAILS ABOVE  
TO REVEAL THE DESIGN FEATURES...**

## OPERATIONAL FEATURES



LUNDHALSEY

# X-TYPE



AVIATION



SECURITY /  
MILITARY /  
DEFENCE



OIL, GAS &  
PROCESS  
CONTROL



WASTE TO  
ENERGY

## X-TYPE

### HEIGHT ADJUSTABILITY AND SLEEK INTEGRATION IN A WEDGE LAYOUT COMBINE FOR A PERFECT CONTROL ROOM SOLUTION

The new x-TYPE has all the streamlined features of the Visionline console. It's also uniquely adapted to offer modularity within a wedge equipment console set-up. The steel fabricated wedge has a front cover that hides 19" rack mount fixings, for a pure and integrated look. Choose seated or adjustable sit/stand for ultimate user comfort and customisation.



### X-TYPE

- // Enhanced premium design
- // Sleek interchangeable modular equipment pods for optimum flexibility
- // Fixed or height adjustable options
- // Mobile app control







# X-TYPE

## HEIGHT ADJUSTABLE CONTROL CONSOLE

Designed for command and control rooms, including AV control rooms, Network Operation Centres (NOC), Security Operation Centres (SOC).

## DESIGN FEATURES



**HOVER OVER THE THUMBNAILS ABOVE  
TO REVEAL THE DESIGN FEATURES...**

## OPERATIONAL FEATURES



# MISSION CRITICAL CONFERENCE FURNITURE



AVIATION



TV BROADCAST



SECURITY /  
MILITARY /  
DEFENCE



OIL, GAS &  
PROCESS  
CONTROL



RADIO  
BROADCAST



WASTE TO  
ENERGY



SPECIAL  
PROJECTS

## FOR MISSION CRITICAL APPLICATIONS

### GLOBAL LEADERS DRIVE THEIR BUSINESSES FORWARD AROUND OUR MEETING AND CONFERENCE TABLES.

Choose LundHalsey's bespoke design service to create stylish and contemporary meeting rooms and conference suites, where business-critical decisions and collaborations happen.

Our leading range of high-quality management and meeting tables and storage units are designed to complement our customisable and adaptable consoles, creating a distinctive and coherent professional environment in your workspace, control room or executive suite. They're easy to expand and reconfigure as your business changes and grows.





# KONTROL MEET

## BESPOKE DESIGN FOR CONTEMPORARY MEETING ROOMS

We create bespoke conference and meeting tables to meet your precise needs. Our dedicated specialists provide an end-to-end design, build and installation service. We can conduct stakeholder workshops and liaise with users to inform our bespoke designs, drawings and rendered images, before manufacturing in our state-of-the-art, automated UK manufacturing facility.

## FEATURE RICH FURNITURE



**HOVER OVER THE THUMBNAILS ABOVE  
TO REVEAL THE DESIGN FEATURES...**





# **MONITOR STACKS SEATING & ACCESSORIES**



# MONITOR STACKS

## **PREMIUM DISPLAY SOLUTIONS FOR MISSION CRITICAL APPLICATIONS**

LundHalsey offers a high-quality range of engineered monitor stacks and accessories with configurations and options available for every control and command meeting room.

## **ERGONOMIC SEATING**

### **PREMIUM 24/7 CONTROL ROOM SEATING TO PROVIDE OPERATOR COMFORT AND PRODUCTIVITY.**

Our popular control room seating range is manufactured in the UK to provide operator comfort. Choose from different styles and support designs that will work optimally in your environment and to meet the needs of your staff.

## **ACCESSORIES**

### **CUSTOMISE AND ENHANCE YOUR CONSOLES AND FURNITURE WITH ELEGANT, INNOVATIVE ACCESSORIES.**

Power access, data and distribution options and stylish lighting, designed to integrate seamlessly in your high-performance environment.



**CASE STUDIES**



 **USE THE THUMBNAILS  
TO JUMP TO A PROJECT**



 USE THE THUMBNAILS  
TO JUMP TO A PROJECT



 **USE THE THUMBNAILS  
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USE THE THUMBNAILS  
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 USE THE THUMBNAILS  
TO JUMP TO A PROJECT

**KEY CONTACTS**

**LUNDHALSEY**

## GET IN TOUCH

Whether you're in the early stages of considering or planning a control room project, or you have an immediate and specific control room or console requirement, our experienced team of specialists is here for initial advice, product recommendations or to work on your live brief or project spec right away.

You can phone, email or reach out via LinkedIn. We look forward to hearing from you and working with you.



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**LUNDHALSEY®**

**THANK YOU**



**dba**  
effective design

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