PRODUCT PROFILE

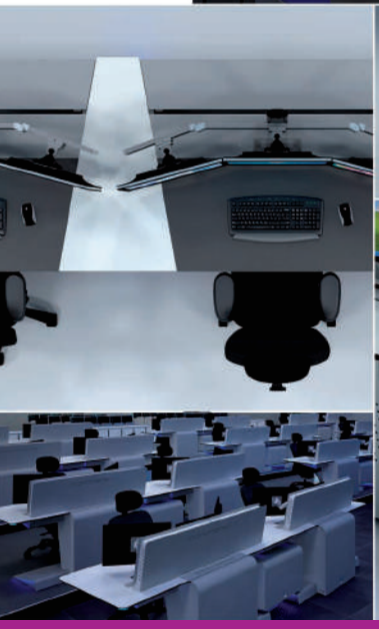
rdi
roomdimensions
technical solutions for control room

roomdimensions.es

# TECHNICAL SOLUTIONS FOR CONTROL ROOM

"Our aim is the detail"

EXPERTS IN INFRASTRUCTURE DEVELOPMENT AND IN PROVIDING HIGH ADDED VALUE SOLUTIONS FOR 24X7 OPERATIONS ENVIRONMENTS



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**Roomdimensions Iberica, RDI,** provides technical solutions for control rooms, focused on the manufacturing and exporting of high added-value technical furniture and ergonomic solutions for non-stop operation environments.

We have a wide range of products that enhance the management and the organization of the 24x7 operations environments and their annexed spaces, using at any time the suitable product for the user's needs.

Operations and supervisor consoles, meeting tables, archive furniture, printing cabinets, auxiliary technical furniture, specific 24x7 chairs & ergonomic supports.

# Why a console?

High-quality, sustainable and low maintenance materials.

High tech solutions ready to manage cabling infrastructure and connectivity.

Energy and data cabling distributed to avoid interferences.

Designed for human factors.

Fast and clean access to the infrastructure without disturbing the user.

Different areas for the connectivity of the equipment.

Integration of ergonomic elements to enhance the daily user comfort.

Cabling management is the key point.

The capability of creating multiple configurations.

Space for the equipment location.

Designed following the control room international regulations.

Option to reconfigure the work post modifying number of operators at any time.

Maximum functionality with the latest integrated technology.

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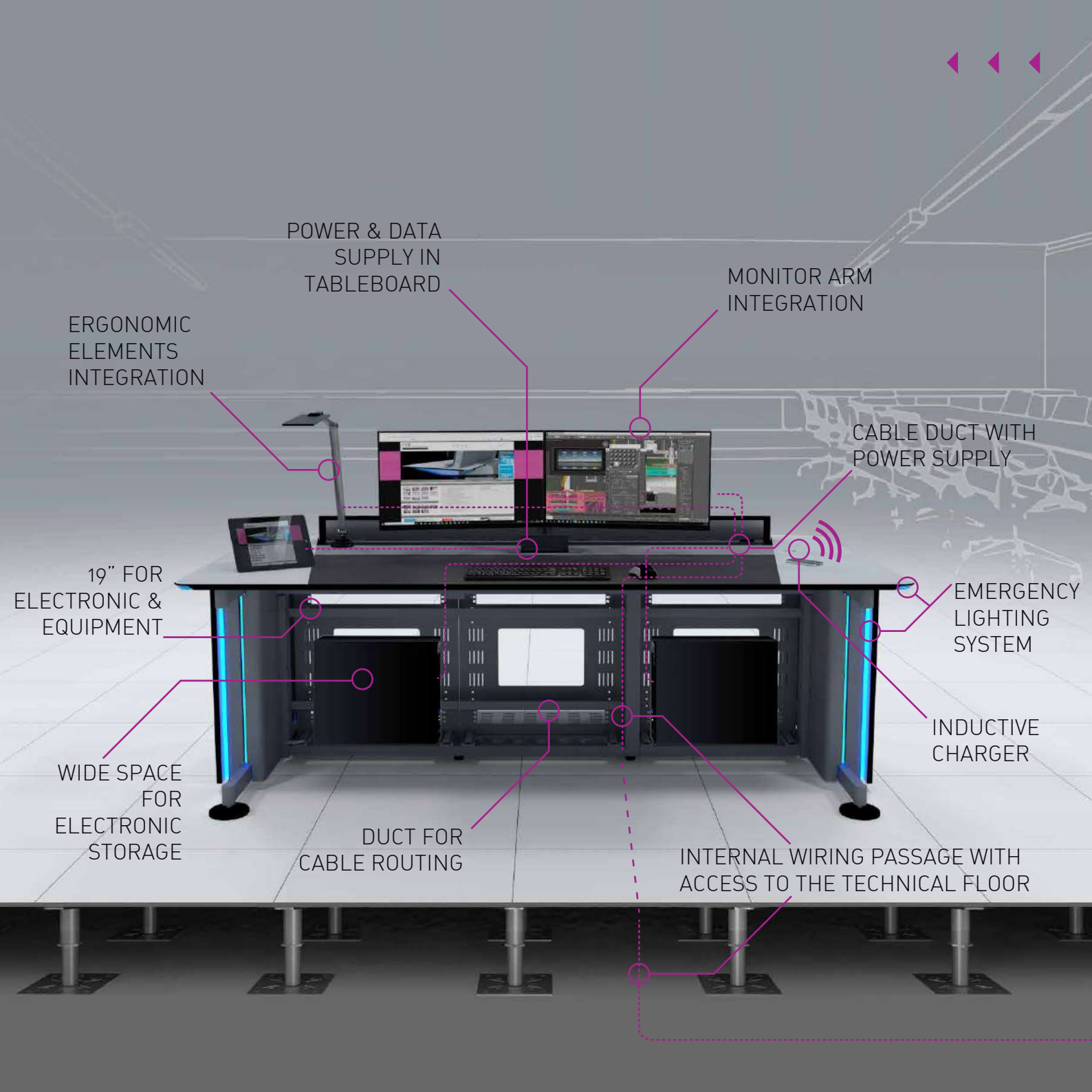
POWER & DATA SUPPLY IN TABLEBOARD
MONITOR ARM INTEGRATION
ERGONOMIC ELEMENTS INTEGRATION
CABLE DUCT WITH POWER SUPPLY
19" FOR ELECTRONIC & EQUIPMENT
EMERGENCY LIGHTING SYSTEM
INDUCTIVE CHARGER
WIDE SPACE FOR ELECTRONIC STORAGE
DUCT FOR CABLE ROUTING
INTERNAL WIRING PASSAGE WITH ACCESS TO THE TECHNICAL FLOOR

# CONSOLE RANGE

## T-LINE

## CRAE

## KOMPAS

## LAN

## V-CONCEPT

## TOTEM AV

## MEETING SOLUTIONS

# ERGO RANGE

## MONITOR ARMS

## SEATING

## TASK LIGHTING

Technical solutions for control room

T-LINE

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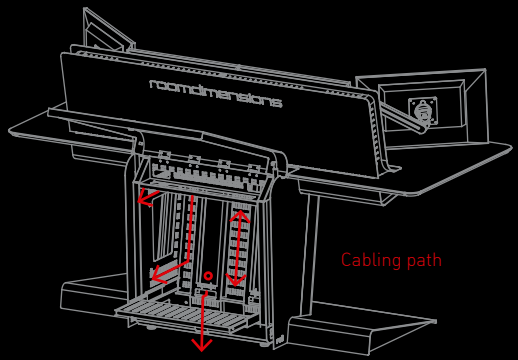
The design of the **T-Line console** is based on a simple, rounded, balanced and robust concept. Careful study ergonomics takes into account the fitting of the operator's legs and feet to the slanted base of the console, ensuring always a comfortable position.

# TOTEM FOR EQUIPMENT

The console allows a perfectly structured inner wiring. The cabling gets through the console from the bottom, and thanks to the inner holes, all the cabling can be brided along different paths of the structure.

**Option 1:** A removable shelve ensures a perfect displacement of the pc for easy access and efficient cabling management. Sockets can be located on the back on 4U available in 2 separate 2U zones that don't interfere with the space for equipment.

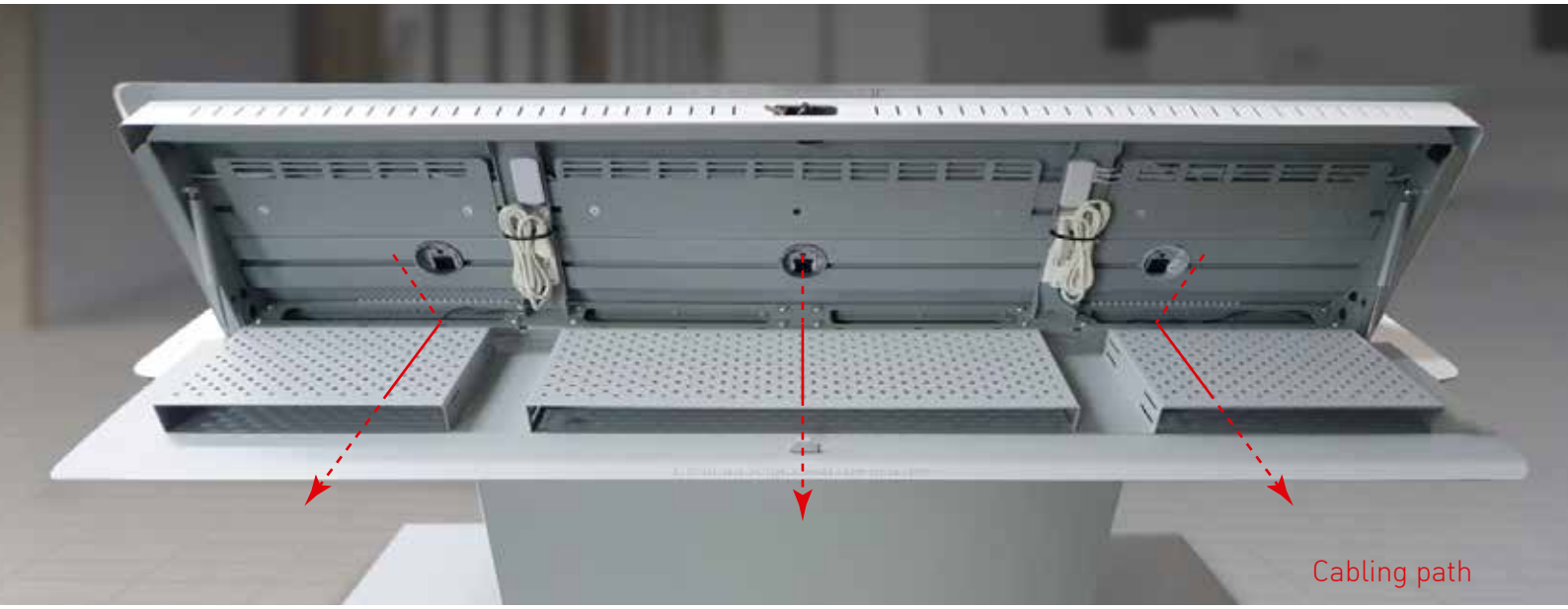
**Option 2:** 3x 19" fixed shelves to locate small electronic equipment. Inside the top zone, there is a patch panel with space for 16x rj45 for phone connectors. Using only partially the 10U space in the compartment, sockets can be located also in the front 19".



# MEIP. MONITORS EQUIPMENT INTEGRATION PANEL

T-LINE

Through the back door, the access to the monitor cabling area gets easier: cabling can enter the monitor area from the table board by different pass-through holes. Also, a spot for energy strip can be located in the monitor support.



Integration of elements

Balanced structure

Soft edges

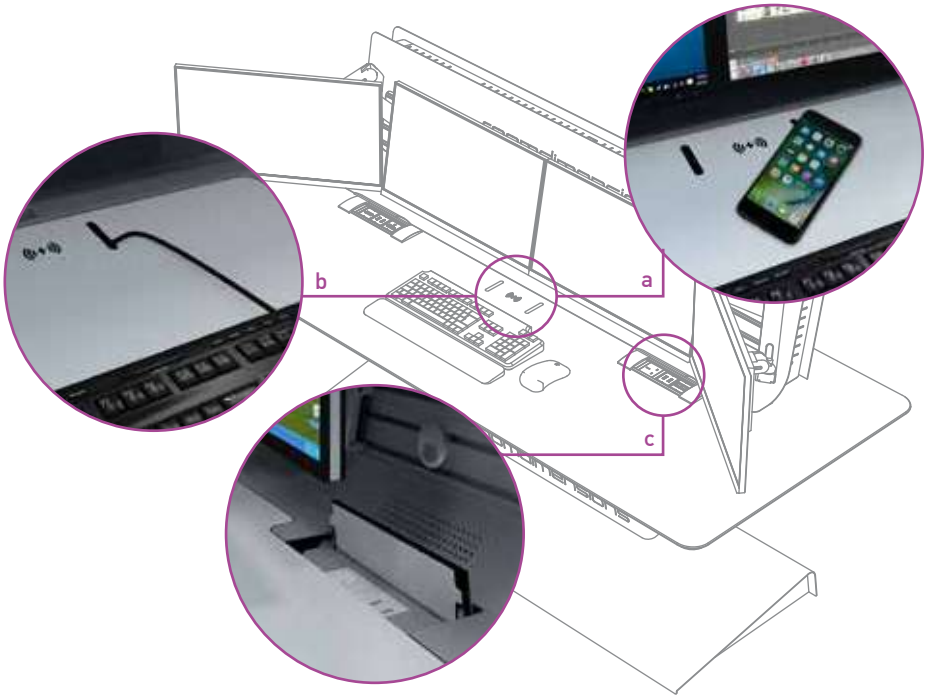
# CONNECTIVITY

The **T-Line console** offers multiple connectivity points for easy wiring management.

a. **Wireless charger:** Wireless induction device charger is integrated below the table board. Small tag on top of the board to point its location.

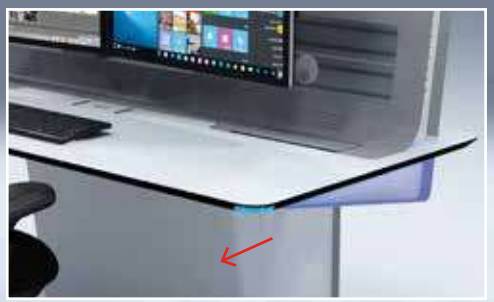
b. **Cabling:** pass-through cabling holes for keyboard and mouse cables to the structure.

c. **Connectivity spots:** different kind of sockets available. Included with the console 2 spots with a total of 4x RJ45 + 4x USB + 2x power outlet.



# STORAGE

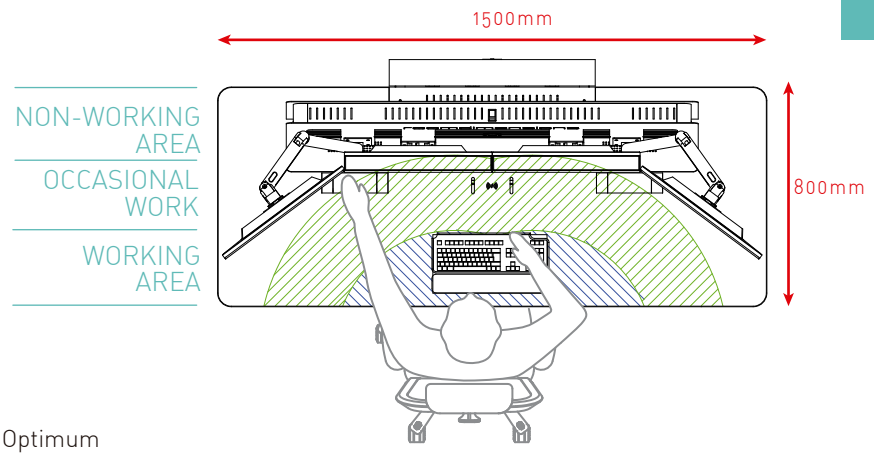
The table board support below the working zone is divided into one **central zone**, and two **lateral zones** used for different uses: The **central zone** is designed to keep the keyboard, mouse, etc, with direct access to USB sockets, and the **lateral zones** are designed to keep the office material.

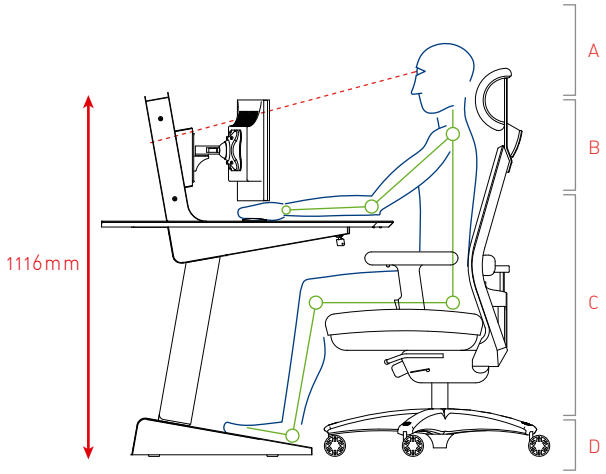


# ERGONOMICS

T-LINE

The table top is designed for the operator to dispose of a completely clean work area, with hinged covers to hide the connectivity spots. Below the table board, there is a tray to house the most commonly used objects such as the keyboard, mouse, phone, etc.



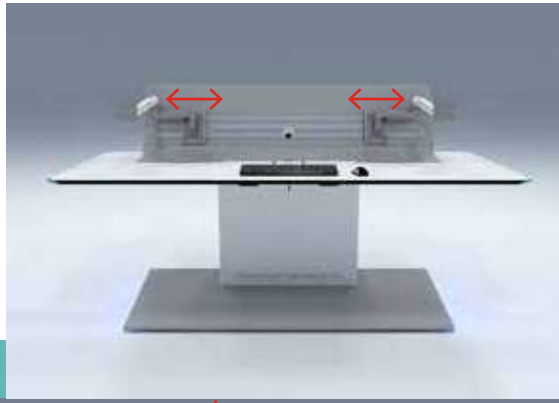




Optimum head position.

Proper angulation for arms.

Back and legs keep a good position.

The feet rest perpendicular to the direction of the leg.



# BLACK EDITION

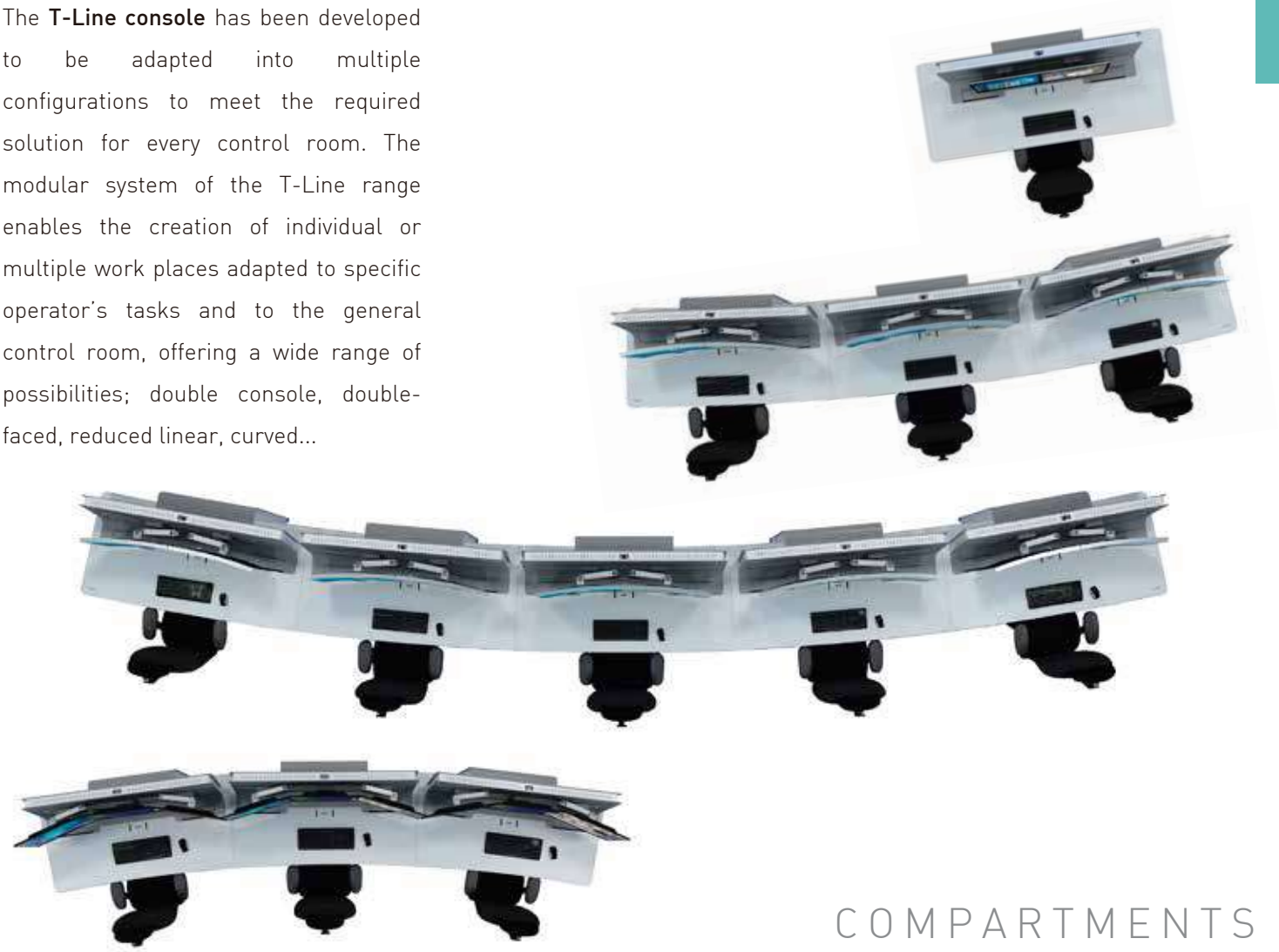
The elegant version of the **T-Line**, a console that not only has all the necessary technological requirements but a strong contemporary look in a glossy black finish. Designed for control rooms where aesthetics is also a determining factor.

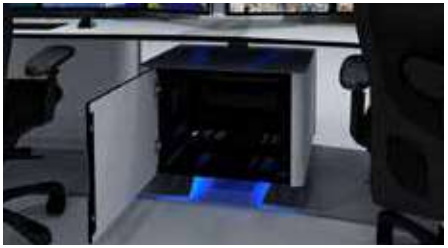
# MINI T-LINE

Perfect for optimized and compact work environments, where modularity and capacity depend on the number of structures to be used. Optimal for small rooms, but is capable to house as much electronic equipment as the regular **T-Line** version.

# CONFIGURATIONS

The **T-Line console** has been developed to be adapted into multiple configurations to meet the required solution for every control room. The modular system of the T-Line range enables the creation of individual or multiple work places adapted to specific operator's tasks and to the general control room, offering a wide range of possibilities; double console, double-faced, reduced linear, curved...





# COMPARTMENTS

The state of being concealed. The **T-Line consoles** range disposes of two kinds of filling to complement the operator's work post. Space partitioned off the console designed to keep office supplies or small electronic equipment.

CRAE console

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**CRAE console** is a high added-value technical solution, designed for environments which require a high-quality product with a great capacity for technological integration. Highly modular console and, in its closed configuration, it has space for several PCs or wider electronics for each operator.

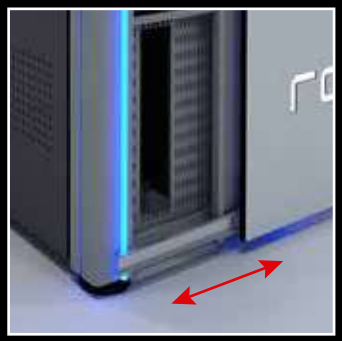
# CAPACITY / ACCESS

The structure can easily be converted into a high-capacity console when necessary. The console can be easily closed by the addition of a lower tray to place the equipment, and hinged doors to access this compartment. Therefore, enough space created inside for the placement of electronic equipment such as large format PC towers. You can install a removable tray for all sort of electronics.

PC equipment

Extensible Shelf

Back door access

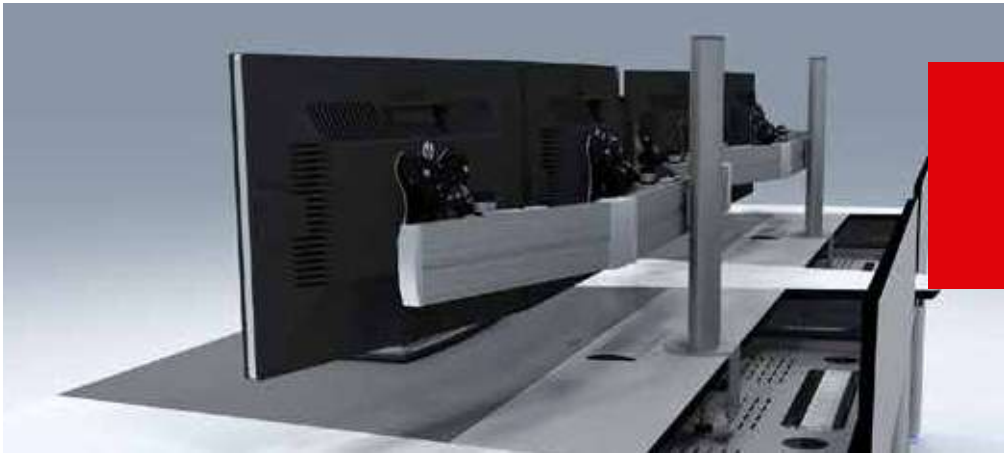


Sliding cover

Rear cover

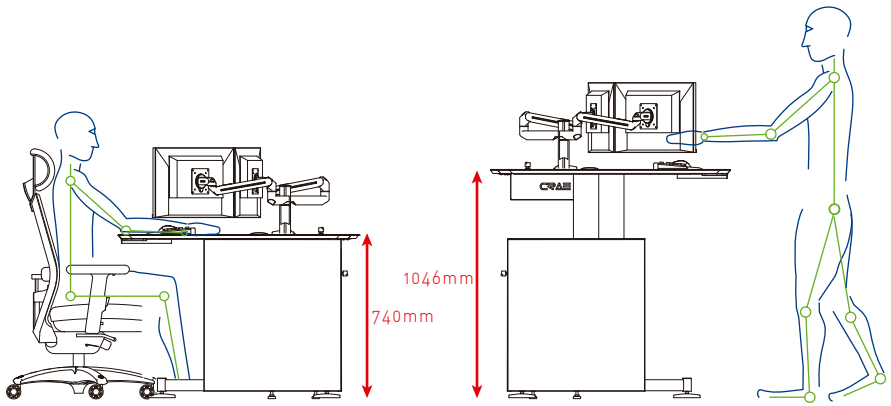
# FLEXIBLE MONITOR INTEGRATION

The monitor arm is placed in the table board, adapting to the required quantity and size of monitors and allowing free continuous movement all along the worktop.



# SIT & STAND SOLUTIONS

**Crae Console Height Regulation** allows multiple positions to the operator by elevating its worksurface while keeping all the cabling management and equipment locations of the fixed **Crae console**.



# OPEN & CLOSED CONFIGURATIONS

**CRAE Console** is a high added-value technical solution, designed for environments which require a high-quality product with a great capacity for technological integration.

**CRAE console** is a highly modular product that allows the creation of closed or open work-posts, depending on the equipment required for each operator.

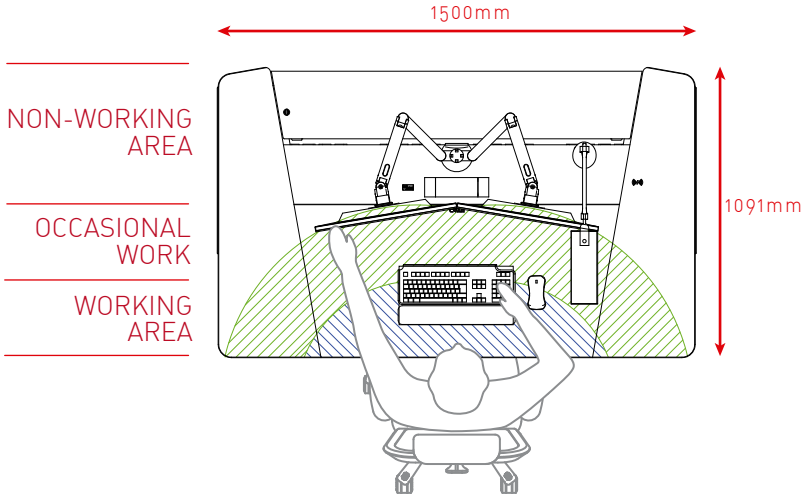
Closed configuration

Open configuration

# ERGONOMICS

**CRAE Console** has been ergonomically designed according to the criteria of the Ministry of Labor and Social Affairs, and following the standards of the UNE-EN ISO 11064 (Ergonomic design for control centers).

The monitor arm is placed in the table board, adapting to the required quantity and size of monitors and allowing free continuous movement all along the work-post.




# DECORATIVE ELEMENTS

A highly dynamic product that allows the incorporation of LED lighting system on both sides of the console, so console sides can be customized with the final client corporate image, while enhancing the technological value of the solution.

LED lighting

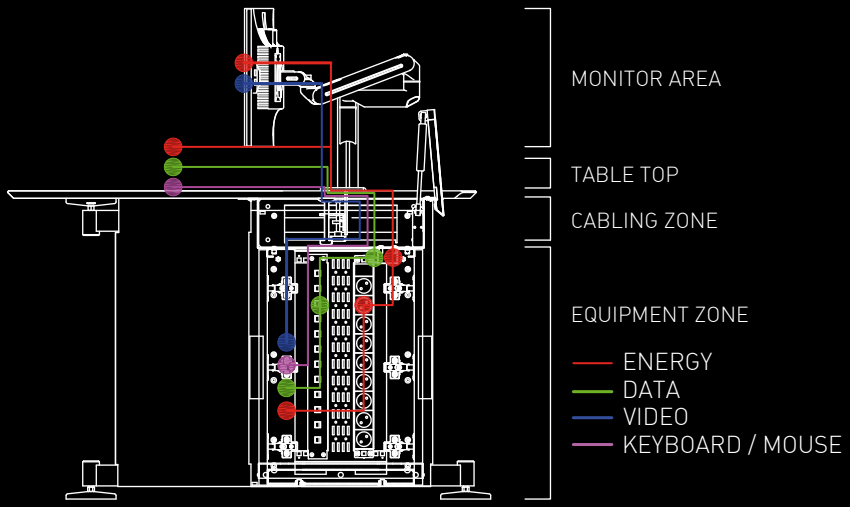
Decorative Crae logo

Small lateral

Big lateral

# CABLING MANAGEMENT & CONNECTIVITY

The **CRAE console** takes special care of the cable management, providing the installer with multiple possibilities for the location of power jacks, data and VGA sockets, etc. Flexibility in terms of installation and connection of the electronic equipment.



CABLING ENTRANCE / POWER PATH

**CRAE console** disposes of various points of connectivity, fully customizable, facilitating thus the connection of all the equipment required by the operator in his daily work.

Connectivity in worksurface

Great capacity & easy access

Connectivity in cable duct

# CONFIGURATIONS

Find the perfect solution for every single project. No matter what are the conditions. **CRAE console** will fit your control room. Let us find the best solution.

Kompas CONSOLE

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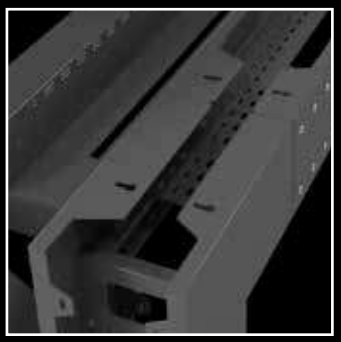
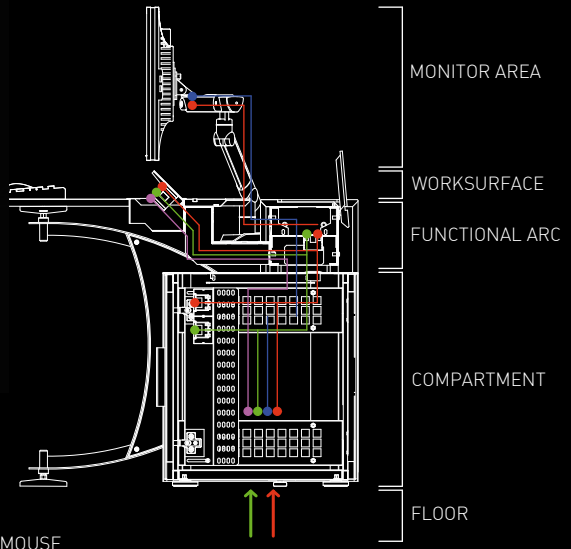
**Kompas Console** is a new concept of control consoles, which aims to provide a high technological degree to the 24x7 operational environments by using simple visually light work systems, focusing the efforts on providing the maximum added value and work post technology to the user.

# FUNCTIONAL ARC

**KOMPAS Console** uses **Functional Arc:** a new concept of a central structure aimed to provide high rigidity to the system, and to allow the distribution and perfect management of the structured cabling. The section of the ARC is "H" shaped, constant throughout its length in order to facilitate the cable management, allowing at the same time easy separation of the power and data cables. The interior of the **Functional Arc** can be accessed via a rear-hinged cover which facilitates handling all elements.

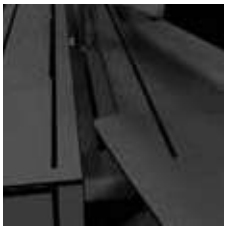




# RAIL SUPPORT SYSTEM

A **Rail Support System** is located in between the work surface and Functional Arc, designed to place the monitor poles in all its extension, adapting to the required quantity and size of monitors and allowing free continuous movement all along the work-post.

**Integrated illumination**



**Rail support system**

# COMPARTMENT INTEGRATION

**KOMPAS range** disposes of a wide variety of closed 19" compartments to place electronic components, which are located beneath the structure so that the wiring between the FUNCTIONAL ARC and the compartment is direct.

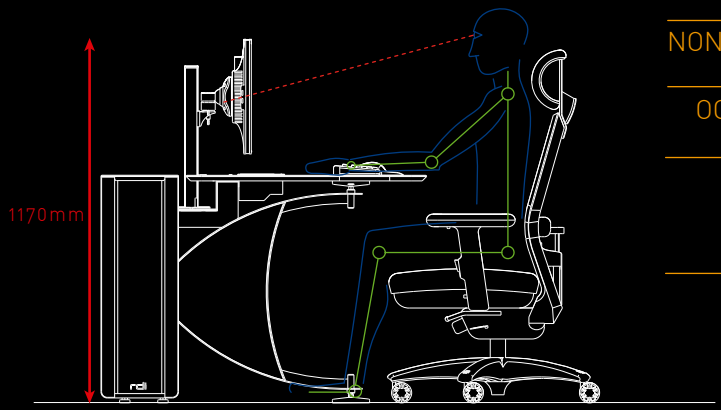
External Comparment movement

Movement of the PC compartment alongside the Functional Arc.

Comparment integration

# ERGONOMICS

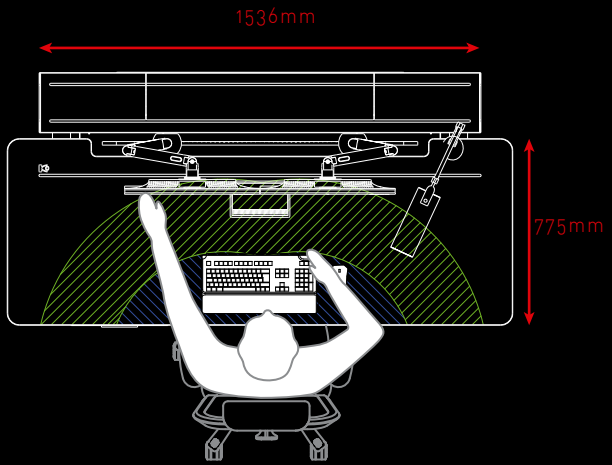
**KOMPAS** has been ergonomically designed according to the criteria of the Ministry of Labor and Social Affairs, and following the standards of the UNE-EN ISO 11064 (Ergonomic design for control centers).




NON-WORKING AREA

OCCASIONAL WORK

WORKING AREA



# CONFIGURATIONS

The **KOMPAS console** has been developed to be adapted into multiple configurations to meet the required solution for every control room. The modular system of the KOMPAS range enables the creation of individual or multiple work places adapted to specific operator's tasks and to the general control room, offering a wide range of possibilities; double console, double faced, reduced linear, curved...

LAN
console

rdi
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The new range of **LAN console** was created with the aim of meeting the needs of modern-day workplaces, pointing to a very clear direction: modularity, organization and robustness.

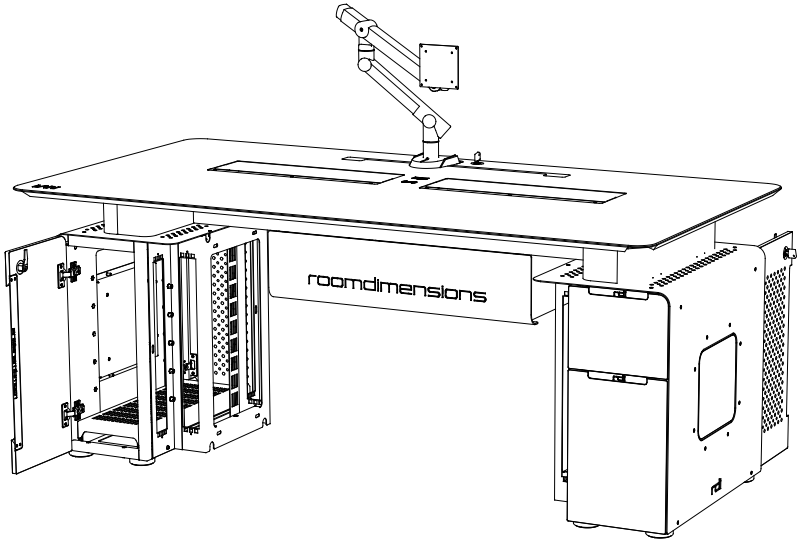
# DEVICE SUPPORT SYSTEM

It is an accessory integrated into the structure of the console and allows the location of all the connectivity, small computer and electronic equipment, such as PC's, SFF, KVM, and Thin Client.

The **DSS** allows an optimal organization of technological resources in the workplace while keeping all equipment perfectly covered and organized.

# CONNECTIVITY

**LAN console** allows you to customize the number of voice, data and power sockets required and place them in different areas of the workstation, optimizing the arrangement of computer equipment and peripherals connected and increasing the security of them.



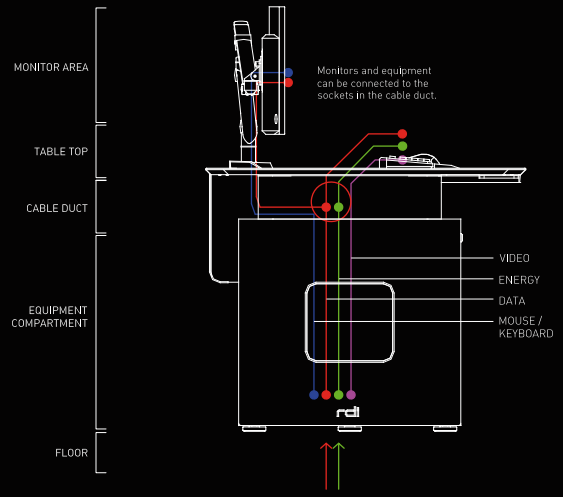
Management support unit

Compartment connectivity

DSS connectivity

# WIRING MANAGEMENT

The **LAN console** takes special care of the cable management, providing the installer with multiple possibilities of locating power jacks, data and VGA sockets, etc. This makes **LAN** very flexible in terms of installation and the connection of the electronic equipment.



# PERSONAL STORAGE

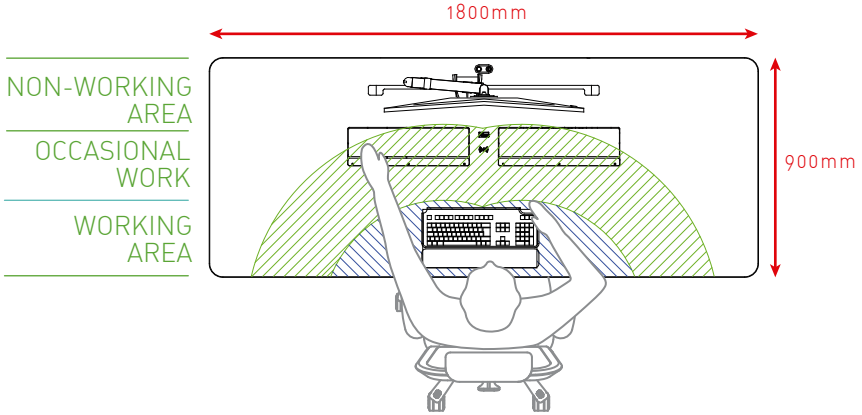
Drawer

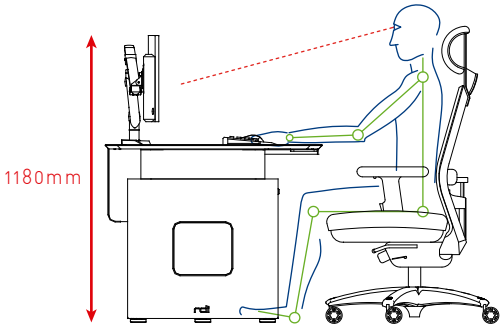
Destined to keep the office material

Personal use storage

# ERGONOMICS

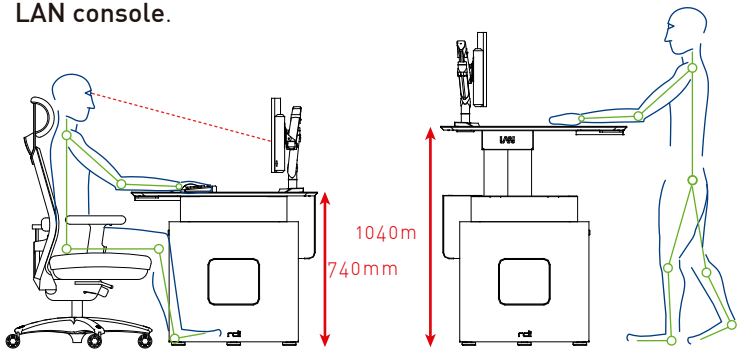
**LAN console** has been ergonomically designed according to the criteria of the Ministry of Labor and Social Affairs, and following the standards of the UNE-EN ISO 11064 (Ergonomic design for control centers).




# SIT & STAND SOLUTIONS

**LAN console** height regulation allows multiple positions to the operator by elevating its worksurface while keeping all the cabling management and equipment locations of the fixed **LAN console**.



# ELECTRONIC MODULE

Rear view
Stand-alone electronic compartment

Front view
Stand-alone electronic compartment

PC electronic compartment
Integrated in the console

19" electronic compartment
Integrated in the console

# FILLING MODULE

Archive and print modules with shelves

Archive and print modules

# DRAWER

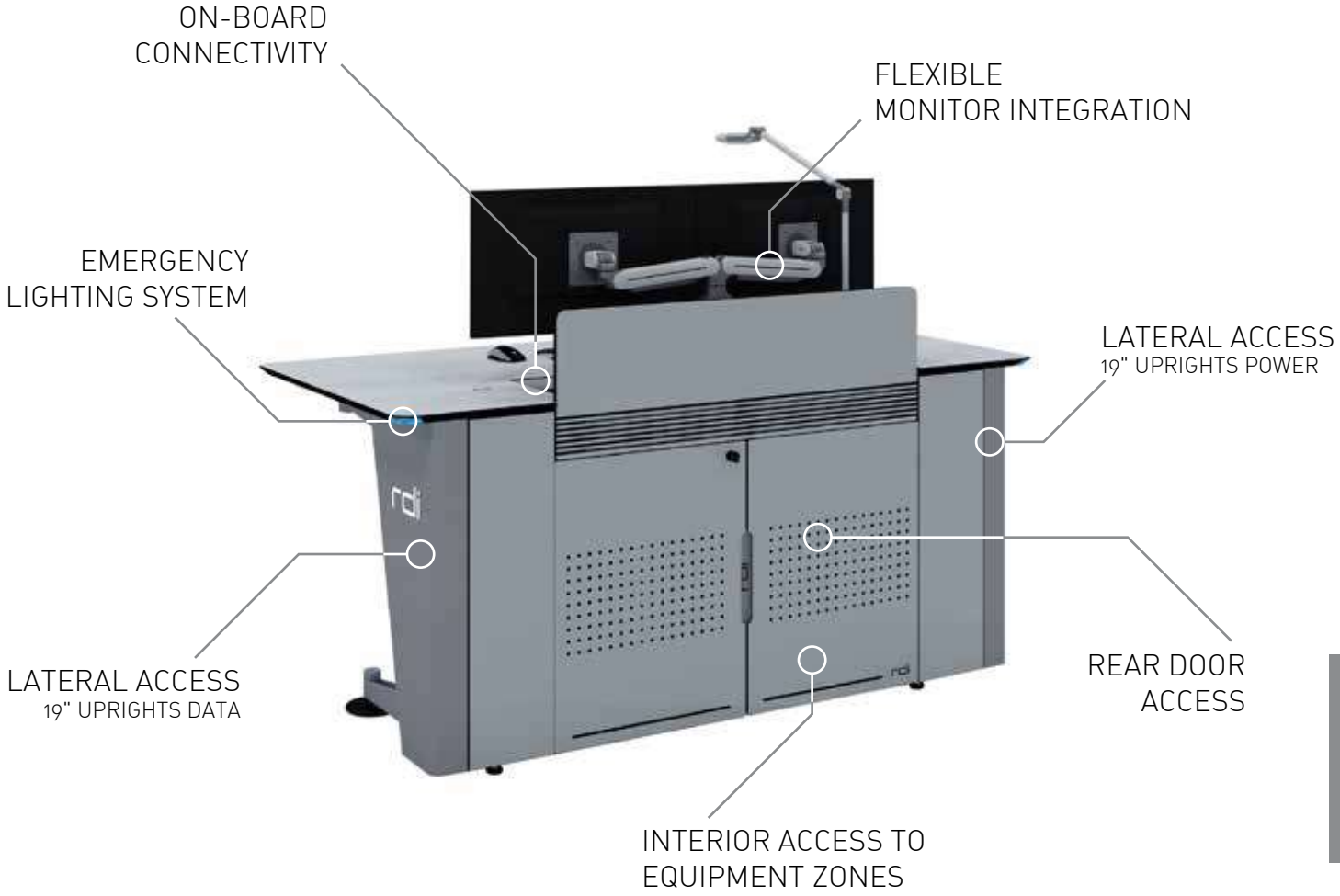
Drawer with wheels

The different range of available compartments is a fundamental pillar in the **LAN console**, as they allow locating the computer equipment inside and they become the structural feet of the console, simplifying the installation and the number of pieces to use.

# CONFIGURATIONS

The **LAN console** has been developed to be adapted into multiple configurations to meet the required solution for every control room. The modular system of the **LAN console** range enables the creation of individual or multiple workplaces adapted to specific operator's tasks and to the general control room, offering a wide range of possibilities; double console, double-faced, reduced linear, curved...

# V-CONCEPT




The **V-CONCEPT** is a control room console concept designed to be a high technological solution for 24x7 operation environments with fine and visually simple workstation systems in order to deliver high added value to the operators.

# DESIGN

The design of the **V-Concept console** is based on a simple, dynamic, light and minimalistic theme. The feet of the table are fully embraced within the console, being integrated within the whole set.

Allowing easy modularity, creating multiple consoles, and is able to integrate an archive module annexed to the same structure of the console.

Details that make the difference

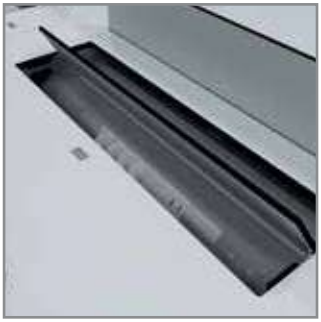
Emergency lighting system

High modularity

Groundbreaking sides

# CONNECTIVITY

On each side of the cable duct in the structure, you have access to a special area dedicated to connectivity or other electronic equipment. This area has a vertical 19" mount with a capacity of 1U width that can be used to place energy sockets or patch panels in a standard format.



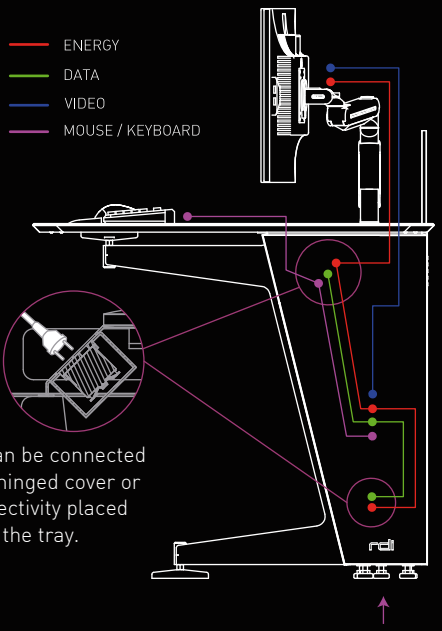
Connectivity
in the cable duct

Wireless charger

19" Uprights data

19" Uprights power

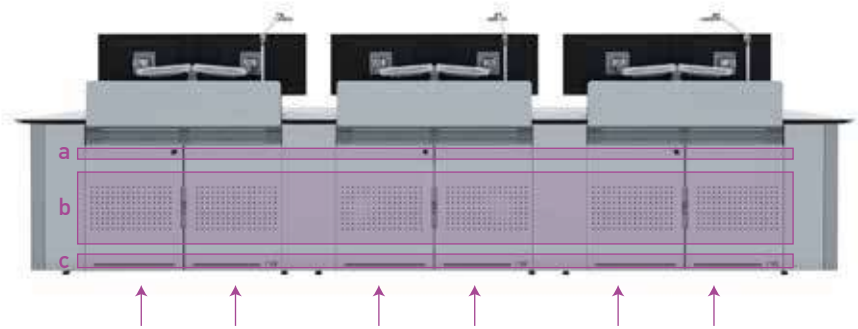
The Table Work is equipped with a lid with customizable power sockets, data, and USB ports in the Cable Duct. In addition, power strips can be installed at the **Cabling Drive Zone** (bottom of the structure).




Equipment can be connected through the hinged cover or in the connectivity placed below the tray.

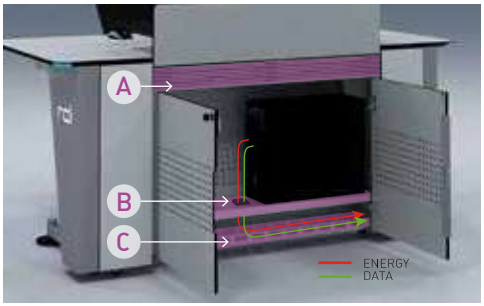
# CABLING MANAGEMENT

The **CABLE DUCT ZONE** (a) receives all the cabling coming from the table board. It is divided in two zones vertically: one for the cabling and another for the PC and electronics equipment.

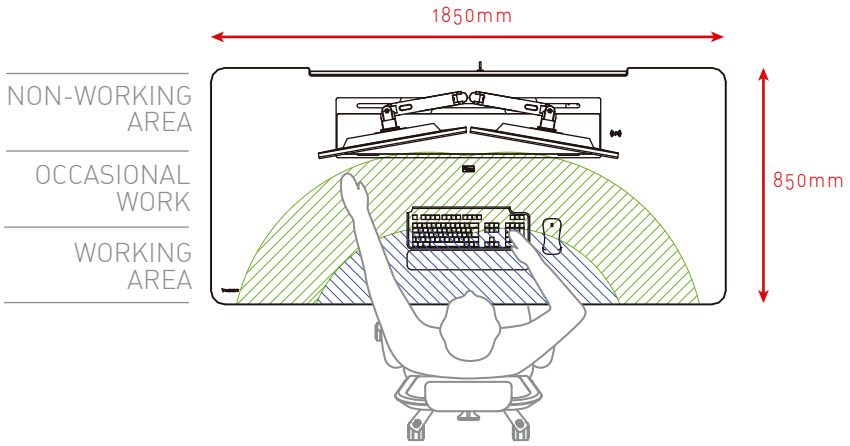


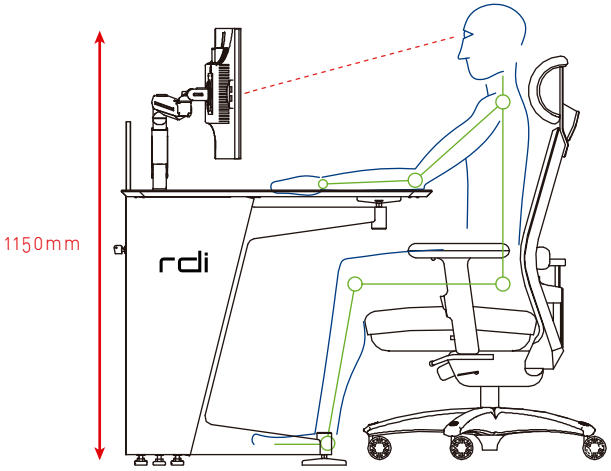

The **TRAY ZONE** (b) is the area to locate electronic equipment inside the console structure, allowing to drive cabling from one point to another.

The **CABLING DRIVE ZONE** (c) is used for heavy cabling purposes to connect all the structure of the console. It's the nearest zone to connectivity inside the structure. Moreover, the wiring can be driven inside the console from the bottom.

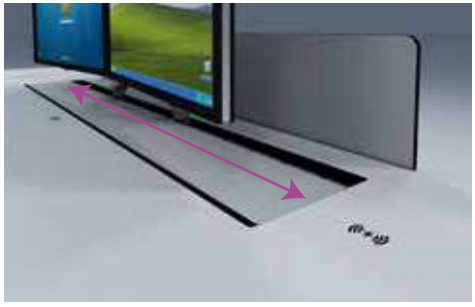


Our enginneers apply the human factor & ergonomic regulation (commonly referred to as HF&E), also known as comfort design, functional design, and systems, in order to take proper account of the interaction between the **V-Console** itself and the operator.




The **V-CONCEPT** has been ergonomically designed according to the criteria of the Ministry of Labor and Social Affairs and following the standards of the UNE-EN ISO 11064 (Ergonomic design for control centers). The **V-CONCEPT** allows the monitor placing all along the work post and offers an easy and comfortable way to modify, add or remove monitors.



# BLACK EDITION

The elegant version of the **V-CONCEPT**, a console that not only has all the necessary technological requirements but a strong contemporary look in a glossy black finish. Designed for control rooms where aesthetics is also a determining factor.

# CONFIGURATIONS



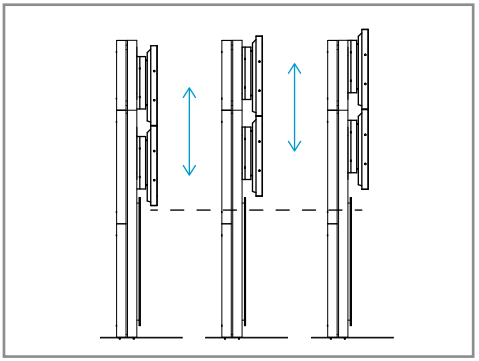
The **V-CONCEPT console** has been developed to be adapted into multiple configurations to meet the required solution for every control room. The modular system of the **V-CONCEPT console** range enables the creation of individual or multiple workplaces adapted to specific operator's tasks and to the general control room, offering a wide range of possibilities; double console, double-faced, reduced linear, curved...

AV TOTEM

rdi roomdimensions

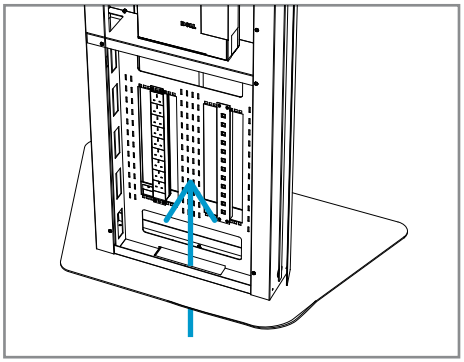
AV TOTEM

The **Audiovisual Totem** is a specific solution destined to the integration of large format monitors, which allows the creation of self standing videowalls composed of LCD screens.



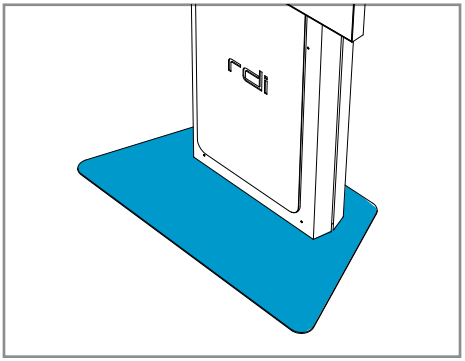
## HEIGHT ADJUSTMENT

The height can be adjusted depending on the number of monitors in order to achieve the best visibility for all the operators.



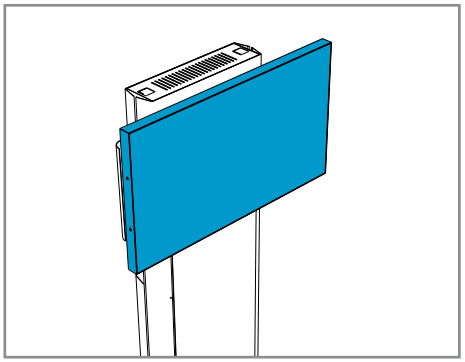
## WIRING MANAGEMENT

The wiring is driven from the ground to the monitor and columns by flanged horizontal supports and will not be visible from the front of the stand due to a lower internal aperture.



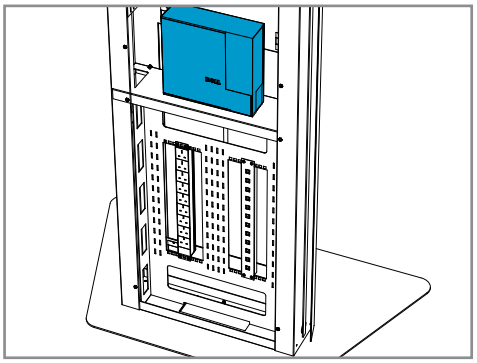
## STRUCTURAL BASE

Steel structure to support the column. It allows the passage of the wiring from the ground to the inside of the structural column. It has the option to add 4 wheels in order to move the stand easily.



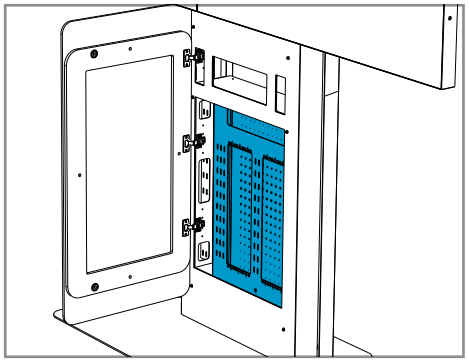
## MONITOR INSTALLATION

The Totem AV supports any type of monitor with the VESA 200 or 400 fixing system, located at the back of the screen.



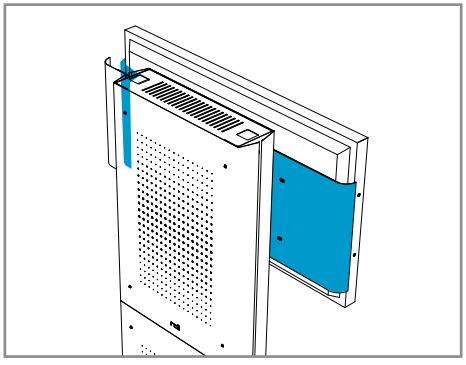
## STORAGE

The electronic equipment or PC's can be placed inside the structure.



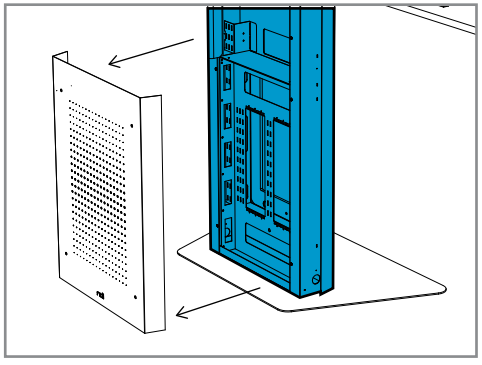
## CONNECTIVITY

Easy access to the inside of the structure through the front door. Data sockets or power standard 19-inch format can be placed inside.



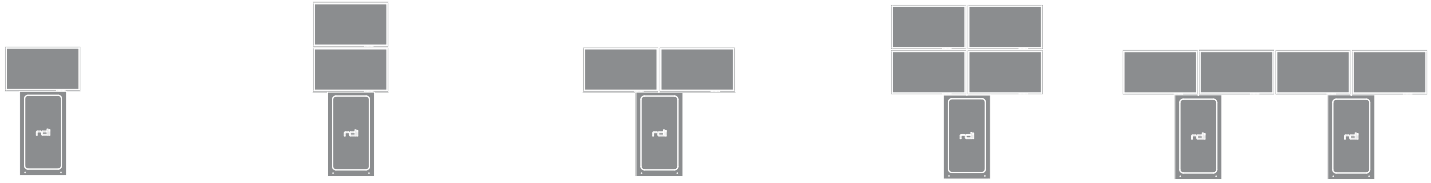
## HORIZONTAL STRUCTURE

Made of steel sheet, held in the column. It is Internally perforated to lead the wiring to the columns.



## STRUCTURAL COLUMN

Made of steel sheet, painted in RAL 9006 aluminum on inside and outside. It houses vertical 4U in its interior, accessible from both sides.



MEETING
SOLUTIONS

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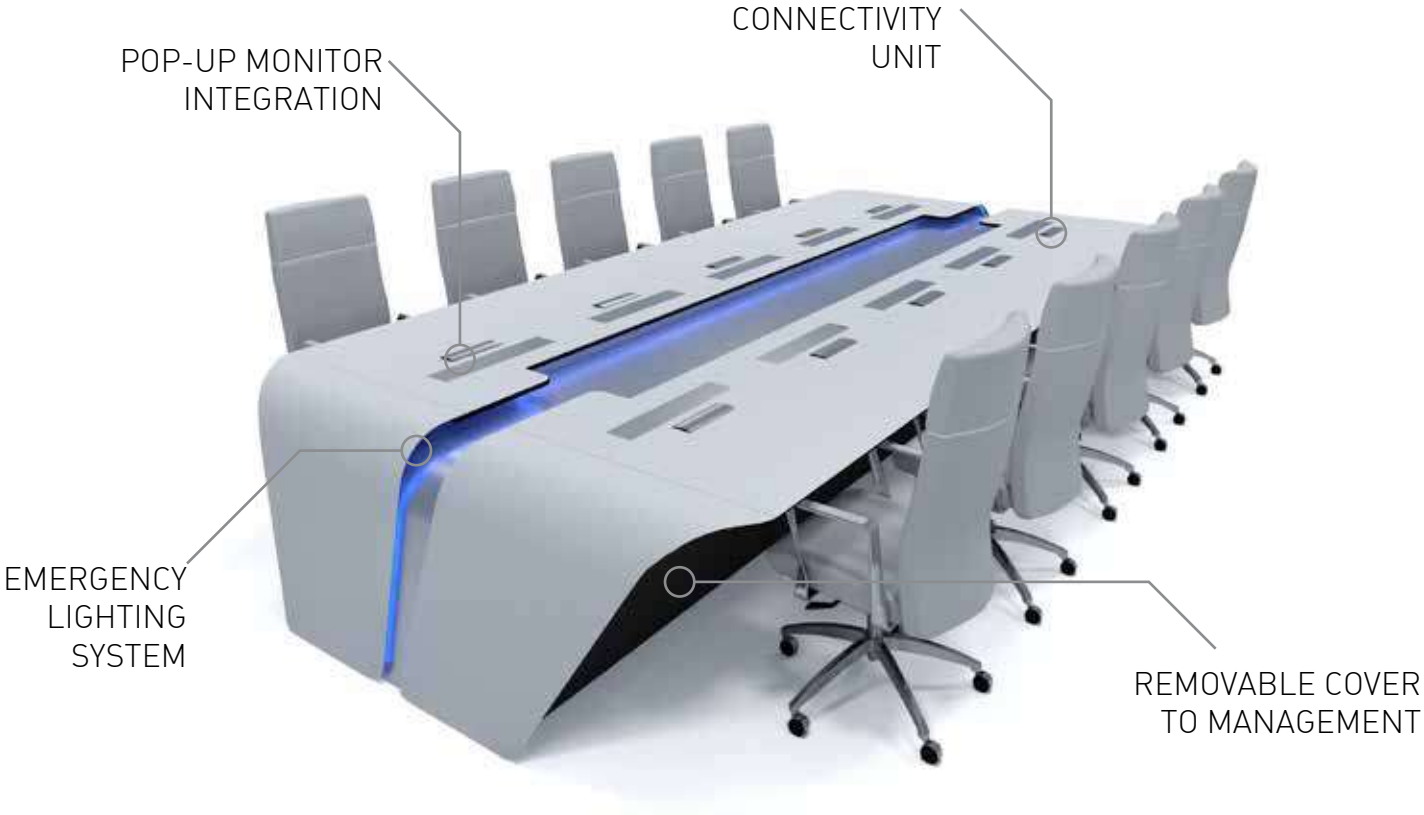
roomdimensions

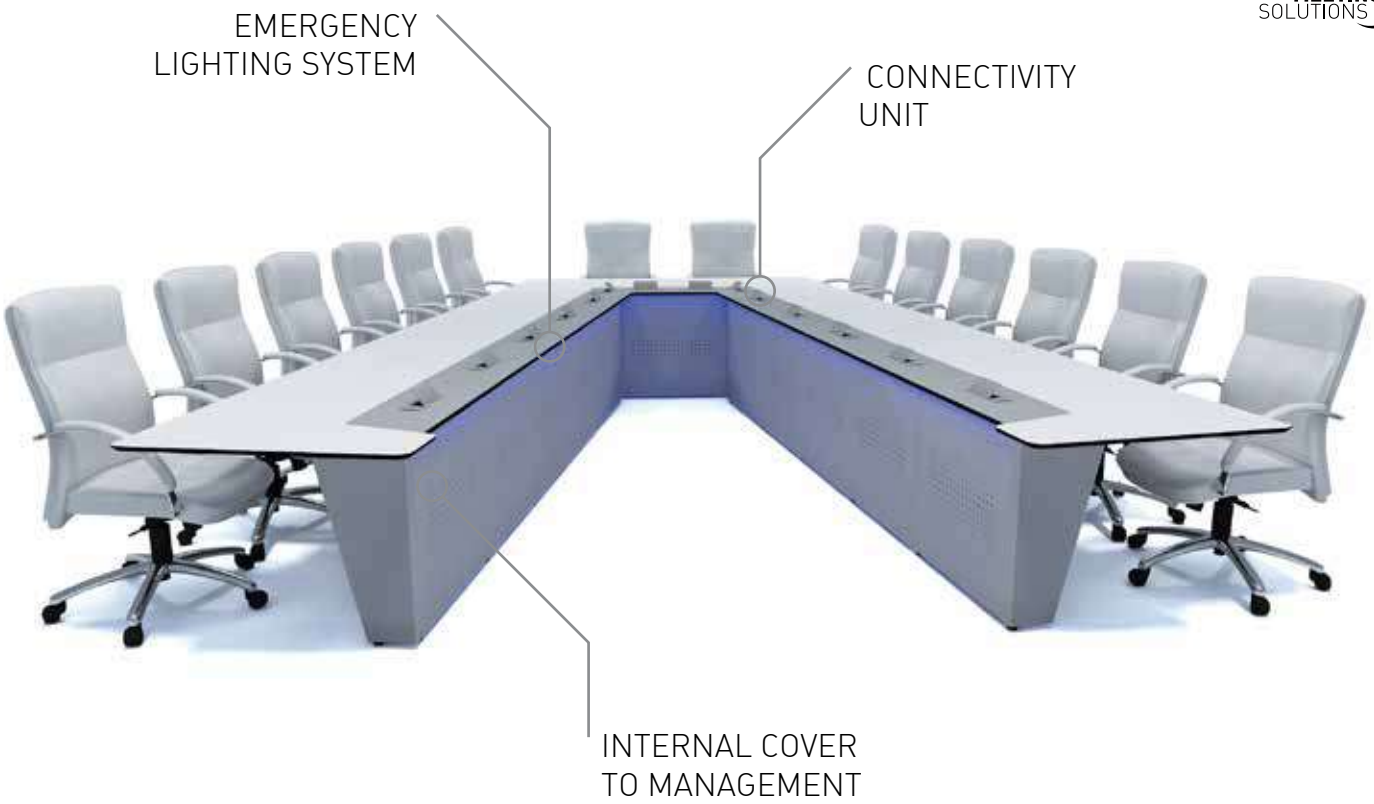


## MEETING TABLE WAVE SHAPE

This outstanding meeting table counts with all the Type A features but has the advantage of a strong aesthetical look. The surface of the meeting table reaches the floor by a smooth curved metalic element with a round edge.

Every user has a connectivity unit integrated into the work surface, containing customizable sockets according to client needs. The central zone is formed by a decorative steel area with led lighting all along the perimeter that gives the meeting table a hi-tech look that will amaze its users.

MEETING
SOLUTIONS




# MEETING TABLE TYPE A

Closed technical Solution designed to organize meeting and crisis management environments where high capacity and added value solutions are required. "Meeting Table Type A" allows a perfect AV equipment and computer location inside of the structure and a great multimedia screen integration for every user.

### WIRING MANAGEMENT

All structured wiring can be distributed along the table without any restriction. In the inner zone different levels can be created to be able to organize horizontally all the infrastructure.

### STRUCTURE COVERS

External and internal covers are removable in order to guarantee access to the structure. The external cover is made of compact phenolic resin, and the internal cover is made of perforated sheet.

### CONNECTIVITY UNIT

Every user has a connectivity unit integrated into the work surface, containing customizable sockets according to client needs.

MEETING
SOLUTIONS

# MEETING TABLE TYPE B

Open technical solution for meeting and crisis management environments where it is required the integration of computer equipment and to locate AV accessories in specific points of the table. The solution integrates a range of closed compartments distributed along the table, which are connected to the main structure of the console. The user has access to the connectivity zone, from the upper area, through integrated hinged covers.

MEETING
SOLUTIONS

# MEETING TABLE TYPE C

Open technical solution for operating environments where there is no need of computer equipments. It is the ideal complement to create adjacent meeting areas of the control centers, where a simple plug-in is required to create common work areas with the necessary connectivity elements well integrated and effortless for the user.

### CENTRAL COVER

The table has a central cover made of the same materials as the central part of the table surface, phenolic resin with a metal cover. It is fully removable for managing the wiring. Longitudinally open space to facilitate the entry and exit of wiring cables to the surface of the table.

### MANAGEMENT SUPPORT

Prepared with a desktop unit power, data and USB sockets for the operators. 4x energy and 4x data in every column.

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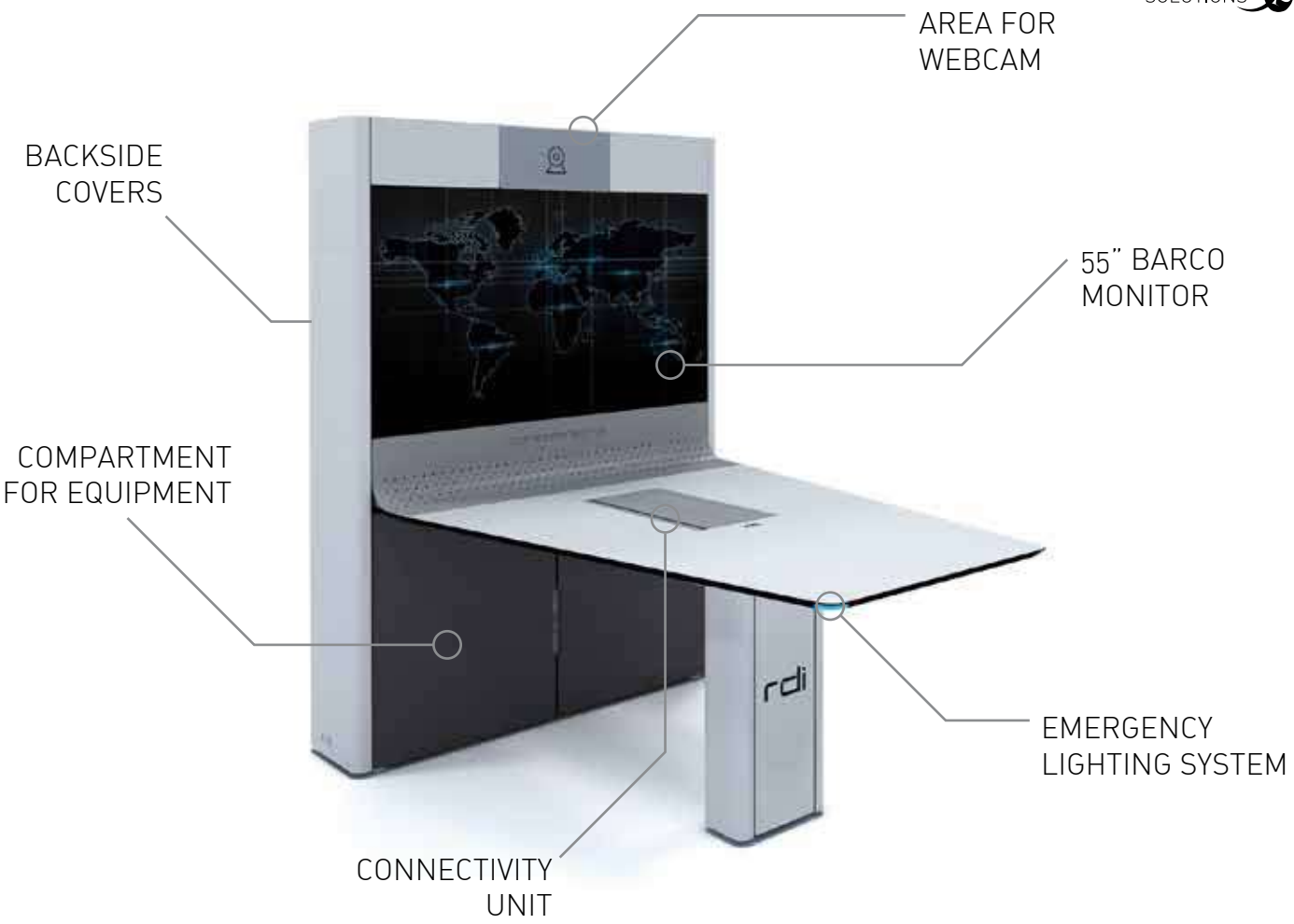



HUDDLE is the new meeting point. It has been specifically designed for small working groups with the capacity to carry out a video conference. It can integrate the basics to perform a meeting call: not only a 55" monitor but the ClickShare® BARCO system, webcam, speakers and all the necessary resources to make it possible in a comfortable and easy way.

Now with the LAN HUDDLE it is easier than ever to include everyone in the conversation.

## 55" BARCO MONITOR

OverView KVD5521B. High-performance, mid-level brightness 55" LCD-panel. Barco's automatic real-time color and brightness calibration system ensures a perfectly balanced image at all times. The absence of cooling fans not only minimizes the noise production, but also ensures that no moving parts are used.

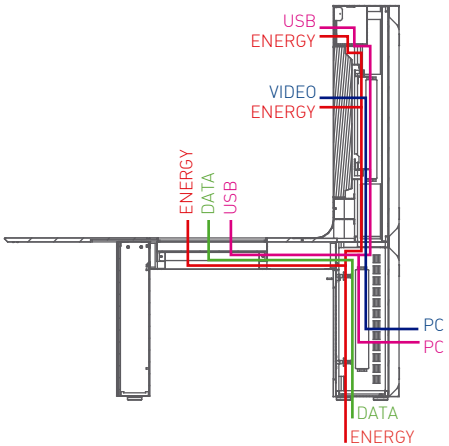
## ACCESSORIES

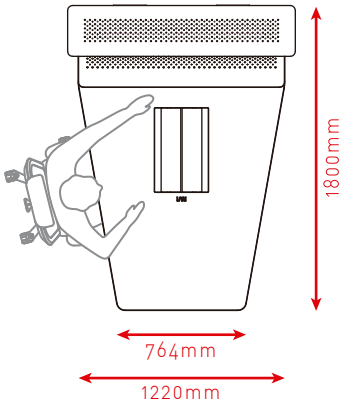
**CLICKSHARE CS-100:** Stand-alone wireless presentation system for small meeting rooms. Users can simply share what's on their laptop or mobile device with no cables, no set-up, no waiting to join in. Just push the button and share.

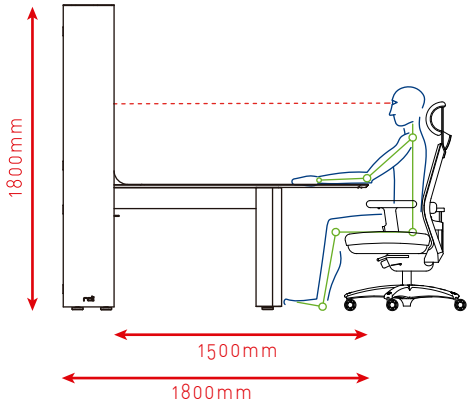
**VIDEOCONFERENCING SYSTEM:** Easy conference calls with hands-free system for wireless connection, high quality HD video camera, handsfree system with full duplex and remote control in a single package. USB Plug and Play to PC, Mac and light clients. HD 1080p.

# INTEGRATED CONNECTIVITY

HUDDLE provides different connectivity points located on the work surface that drive all the wiring to the equipment through the console. In addition, the structure disposes of a specific area for the webcam and the microphone.






# ERGONOMICS

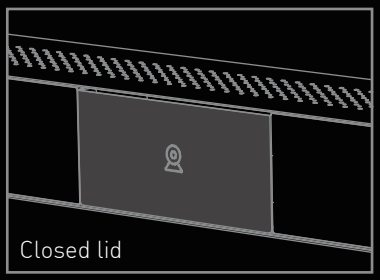
**HUDDLE** has been ergonomically designed according to the criteria of the Ministry of Labor and Social Affairs, and following the standards of the UNE-EN ISO 11064 (Ergonomic design for control centers).

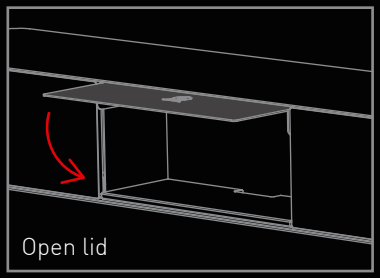
# COMPARTMENT FOR COMPUTER EQUIPMENT

HUDDLE has a specific area to store computer equipment in a lower area. Through locked doors, the equipment gets totally secure and perfectly organised.

# BACKSIDE COVERS

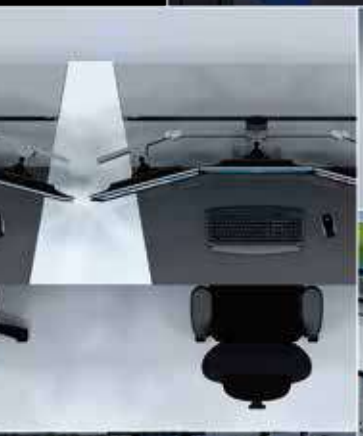
The access to the connectivity of the screen from the rear side has been especially designed to be as comfortable as possible not only during installation but during day-to-day use. With removable steel covers, the backside gets completely open and enables the manipulation of the content.



# SPECIFIC AREA FOR WEBCAM

In the top of the workstation, there is a small compartment destined to the placement of a webcam. It has the possibility to be closed when not in use so the webcam is always protected.



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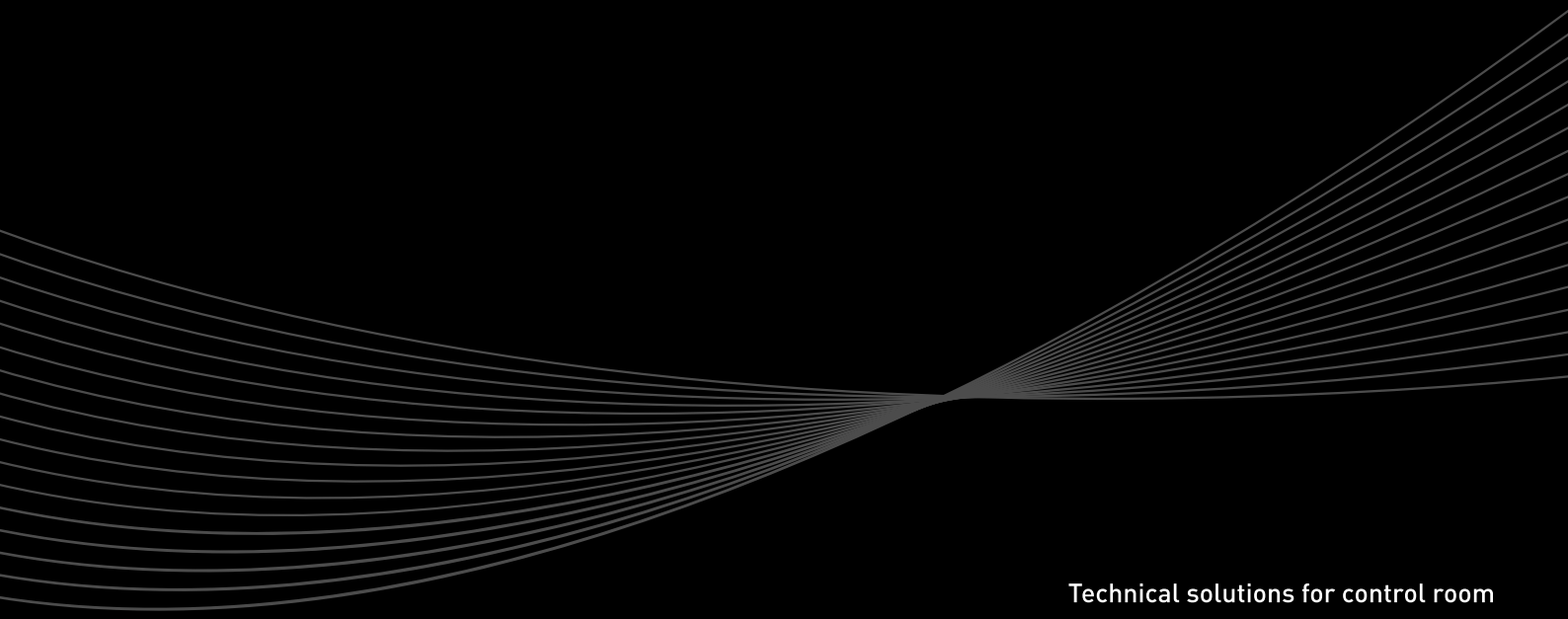
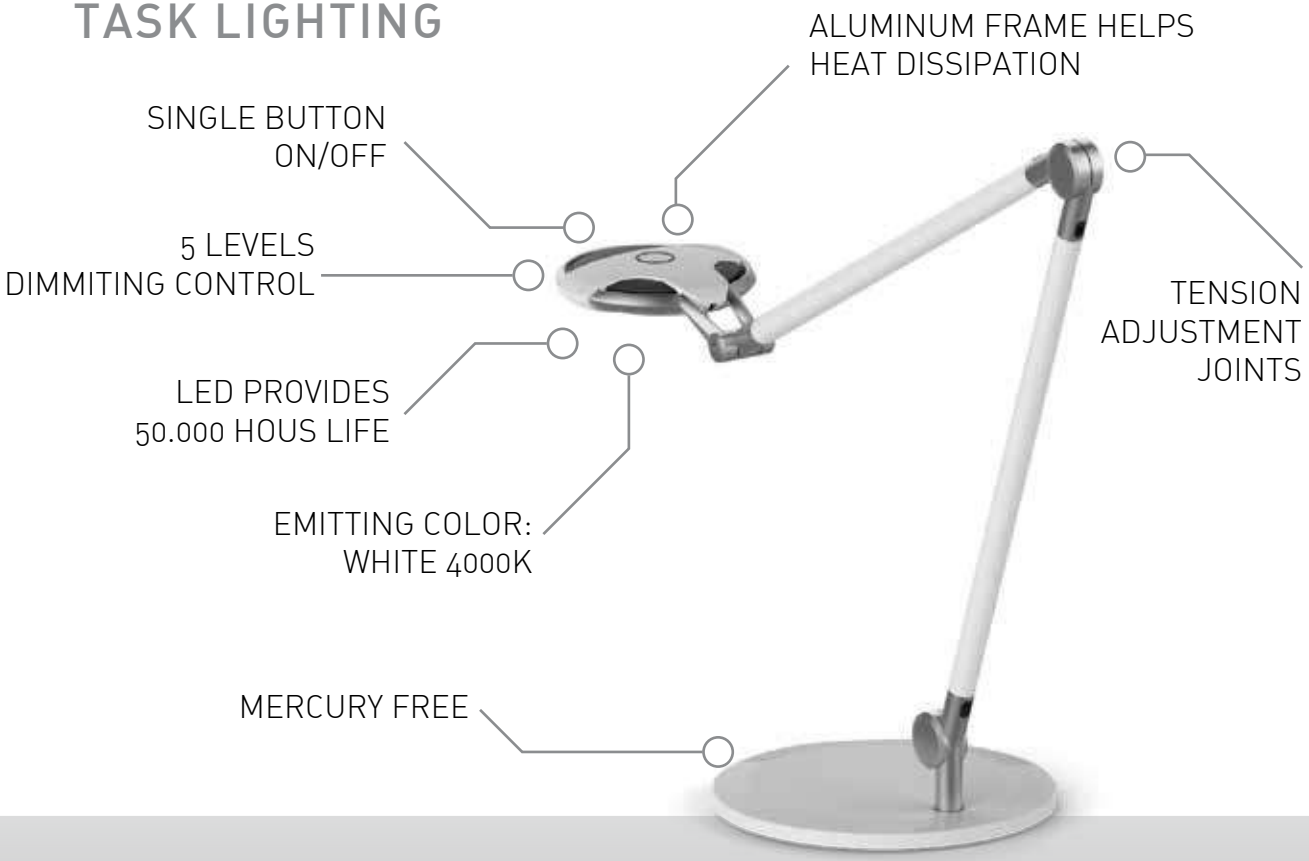
# ERGO PRODUCTS

# FINISHES



Technical solutions for control room

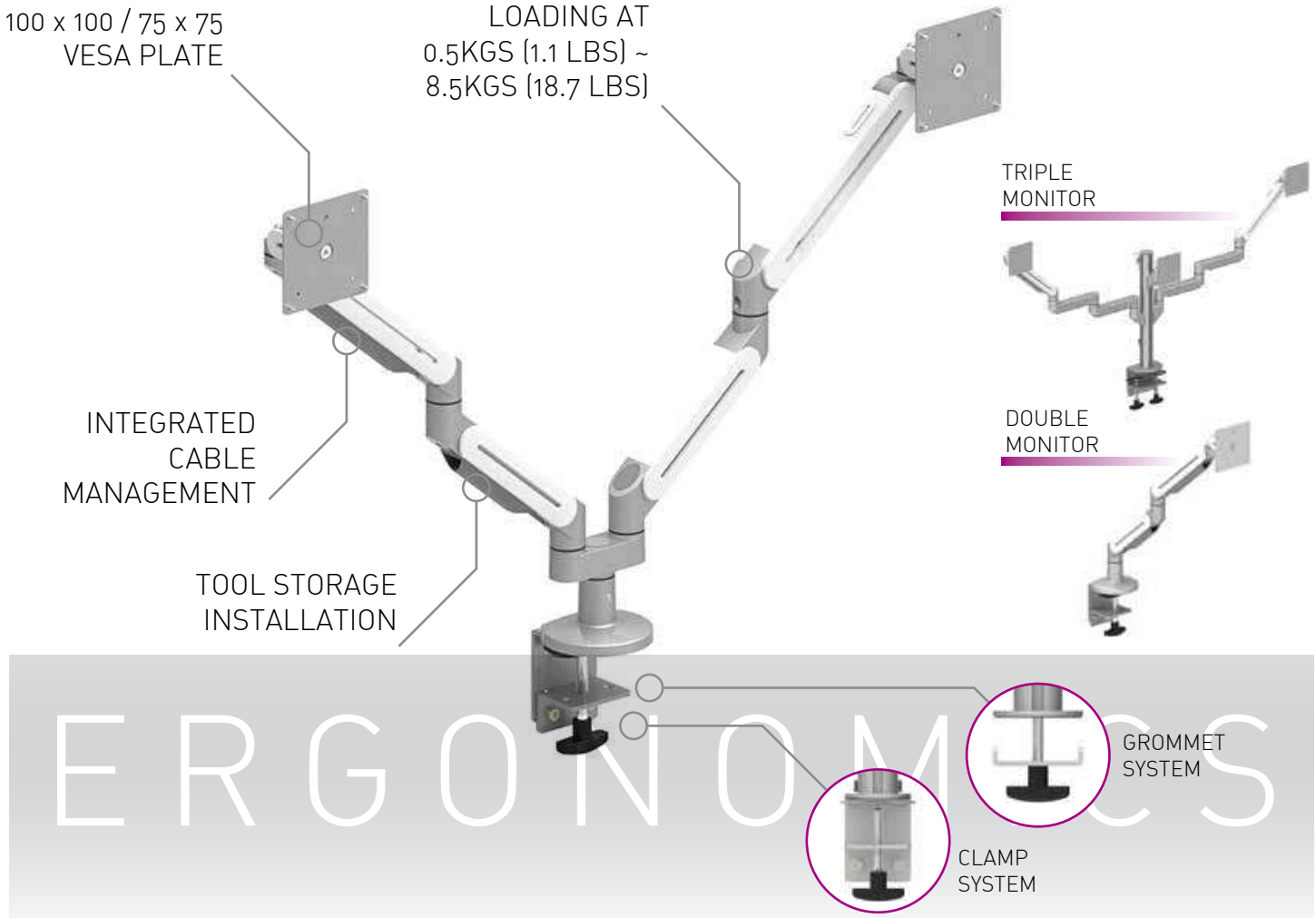
## TASK LIGHTING




# TASK LIGHTING

The illuminance level is not the only factor governing visibility to accomplish a specific activity. Contrast is also important, and a poorly positioned light source may cause contrast reduction, resulting in loss of visibility. The most important purpose of task lighting is not increasing illuminance, but improving contrast.

# ERGONOMIC ACCESSORIES




ERGONOMICS

We dispose of a wide line of ergonomic solutions that complete all of the product ranges and are aimed at facilitating the usability of the elements and items embedded therein, so as to increase the degree of comfort to the end user. Various features are applied to different using demand.

## EC6 SERIES:
## MODERN MEETS CLASSIC

The **EC6 Series** is unique among executive chairs, with the innovative adjustable lumbar support that is built into the chair's back. This feature provides a seamless look and easy user experience.

With upholstered leather, the EC6 provides a professional yet playful touch to any space. Its straight-forward controls, adjustable lumbar support, and optional dual-tone upholstery.

## CXO SERIES: ERGO CHAIRS FOR 24x7 ENVIRONMENTS

The **CXO** ergonomic solution is specifically designed for the management and organization of 24x7 operating environments, enabling the regulation of all its components in contact with the human body, and integrating padding solutions which ensure a high degree of user comfort and long life cycle to the product.

Mesh backing

Headrest

Waterfall design

Armsrests

Base

Lumbar support

Seat slider depth adjuster

Enersorb™ foam

Four-way strech fabric

## WORKSURFACE COLORS

STANDARD COLORS

Worksurface HPL
FunderMax 0074
Pastel Grey

Worksurface HPL
FunderMax 0085
White

Covers HPL
FunderMax 0077
Charcoal

OPTIONAL COLORS

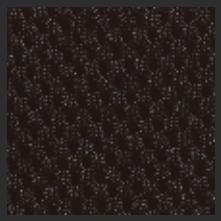
MAX COMPACT INTERIOR

As a standard, Max Compact panels come with decors on both sides. The core is black and the surfaces are available in different finishes. See our current delivery programme.

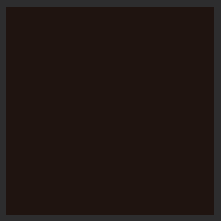
Section of tableboard

## CXO CHAIR

STANDARD COLORS

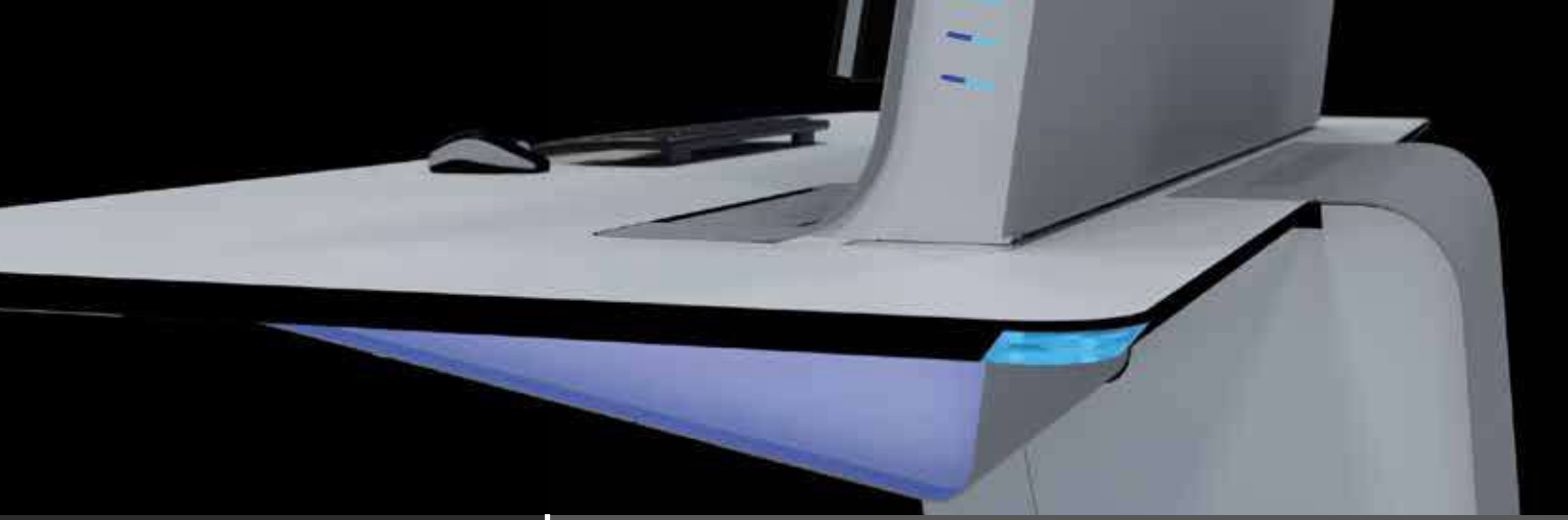


Mystic fabric black



ABS plastic structure

OPTIONAL COLORS



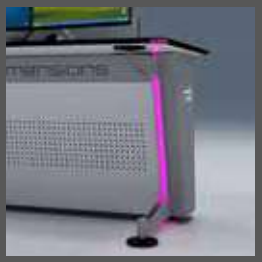
## STRUCTURE COLORS

Steel 2mm Structure
RAL 9006 Aluminum

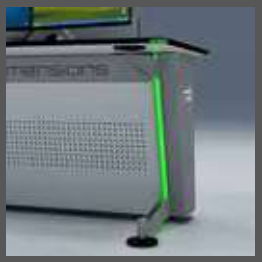
Steel 2mm Structure
RAL 9003 Textured
white

## LED LIGHTING OPTIONS

Blue



Violet



Green

## BRANDING CUSTOMIZATION OPTIONS

roomdimensions.es

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