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FOR YOUR CONTROL

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# CONTROL ROOM SOLUTIONS

“Our aim is the detail”



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





**Roomdimensions Iberica, RDI,** provides control room solutions and is focused on the manufacturing and exporting of high added-value technical furniture and 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 users needs.

Operation and supervisor consoles, meeting tables, auxiliary technical furniture, specific 24x7 chairs and ergonomic chairs along with AV and software managing solutions.





# makes the console smart

**Choosing the 4YC platform is choosing to enhance the management of your control room.**

The modular implementation allows total control of what is managed in each project, adapting to the needs of clients in each environment.



The 4YC platform allows a complete workstation management with an infinite number of functionalities that increase the effectiveness of daily tasks.



The 4YC Platform adds to the console one more layer of complexity, it adds a brain to the console to help you manage.

## CONSOLE STATUS

Local and remote workplace control over console status lighting, connectivity, table board height regulation and compartment sensing, ventilation and door lock.



## USER AV MANAGEMENT

Decide on the visualization of each workstation, what to see and how to see it. Set up scenarios or individually manage signals with real-time preview.



## PLATFORM BASE

Core features for control room management enhancement

High level user management with associated permissions

Environment and device management

Associated data management for further analysis



## VIDEO WALL MANAGEMENT

Use the same interface to manage the audiovisual elements of the control room or annexed environments to centralize management at a single point.



## API INTEGRATION

Visualize information of 3rd party systems on the same interfaces and change the status of the consoles based on the inputs received to alert users and supervisor.

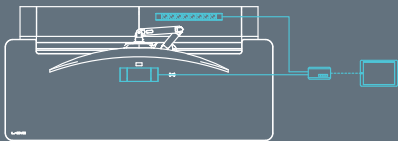


# CONSOLE STATUS MODULE

Console Status Module integrates a device connected to the main elements of the workstation. The management of these elements is customized to the platform including connectivity, ergonomics and comfort management.

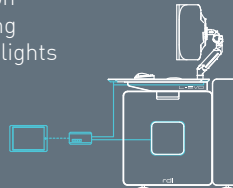
## CONNECTIVITY MANAGEMENT

- Desktop components
- Internal console components
- Wireless



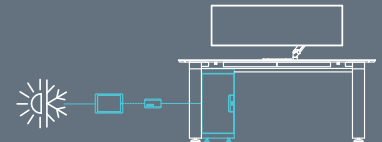
## LIGHTING MANAGEMENT

- Console Status
- RGB lighting
- Alert beacon
- RGB lighting
- Decorative lights



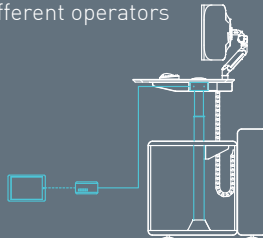
## USER COMFORT

- Ventilation for the user ON/OFF
- User heater ON/OFF
- Dimmer table lamp



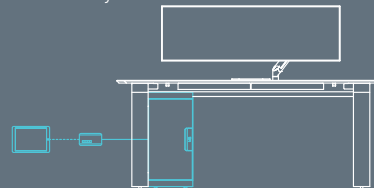
## HEIGHT ADJUSTMENT

- With memory for different operators



## EQUIPMENT STATUS

- Temperature
- Access control
- Humidity



# USER AV MANAGEMENT MODULE



The operator has full control of what and how is displayed on the screens directly from the platform.



The screen layout can be split in multiple ways to suit the needs of each user.



Control the workplace audio output of each source individually.



Enables control of captured signals with automatic switching by hovering over predefined quadrants.



Define scenarios for a quick and easy layout application.



# VIDEOWALL MANAGEMENT MODULE

The management of audiovisual sources in the control room videowall or annexed environments is done intuitively.

Centralize the management of the video wall on the 4YC platform to optimize the response to any emergency. Easy set and call visual scenarios.



Manage the general audio of the room when its connected to the videowall device.



Allowed users can set up and apply different videowall configurations to manage what is displayed.





## Communication between devices has never been easier



**4YC Platform Web Server:** The 4YC Platform Server receives environmental information from other systems.

**Information Management:** Display relevant information or send alerts and pop ups with third party data.

**Trigger Control:** The 4YC Platform can trigger actions of any of the modules to automatize processes based on alerts or received information.



INCOMING CALL



FIRE ALARM



ALARM ON



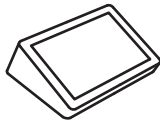
OPEN DOOR



OVERHEATING

# PLATFORM ACCESS

Access the 4YC Platform from any connected device.  
Entry is managed with user or workplace permissions.



## Access via workplace

Identify user in console via integrated RFID reader. Access to totally customizable interfaces through the touch screen devices located in the workplaces, designed to provide user-oriented data and functionalities.



## Access via Network

Access to the same workplace information, plus administrative features, from any device connected to the same VLAN as the server.



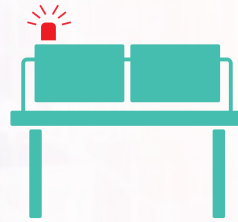
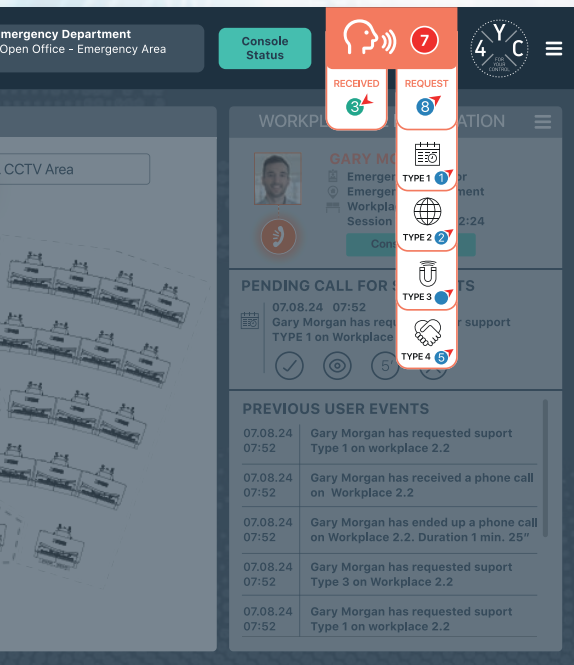


# CORE FEATURES

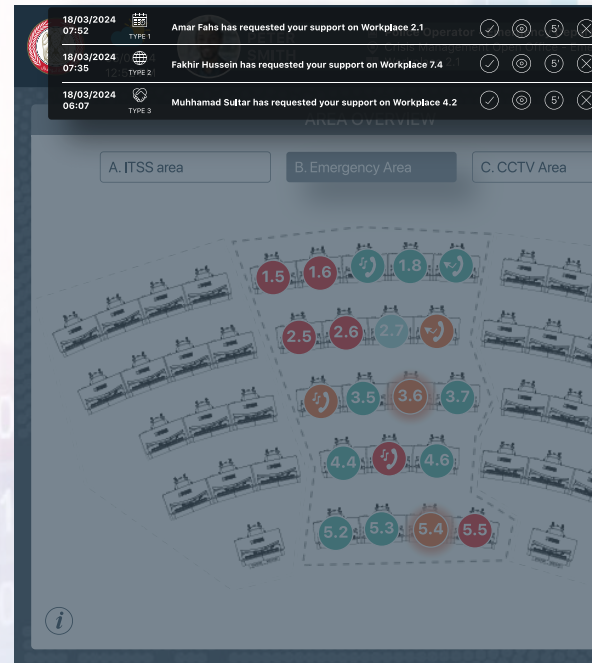
## Call for Support

Operator

Supervisor



Allows any user to send assistance requests using predefined buttons, generating immediate notifications to the supervisor with different levels of criticality and associated messages. Each request is linked to the console's light status via the workstation beacon.



## Overview

### CONSOLE STATUS

Check the status of all the workplaces at the same time.

### VISUALIZATION OF LOGGED USERS

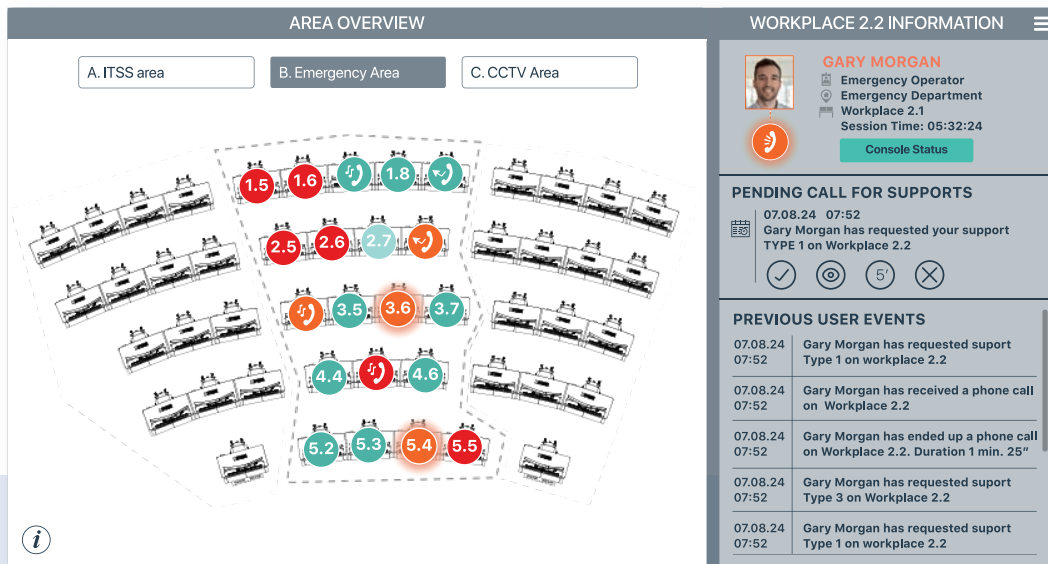
See if operators are in the workplaces in a glimpse.

### SYSTEM INTEGRATION

Get notification and data from other systems with up-to-measure programming adaptation.

### CALL FOR SUPPORT

Check all the pending call for supports graphically.



### STATISTICS

Customize the statistics related to the users under supervision.

### USER ACCESS

Remotely control workplace elements via CS and User AV Management modules.

### USER EVENTS

See a list of what happens in all the workplaces at the same time or by user.



## The 4YC platform is based on user and information management

### USER MANAGEMENT

The 4YC Platform simplifies user management by supporting local user creation, Active Directory imports, and permission control for secure access.



### ENVIRONMENT & DEVICE MANAGEMENT

Segment environments, manage intuitively with drag-and-drop, and assign devices for centralized control.



### EXTENDED USE

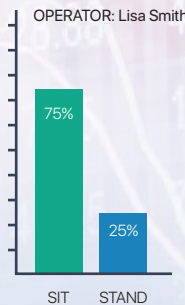
Easily set up all features from a user-friendly interface and manage environment data for complete control.



### INCIDENCES



### SIT & STAND WORK



### LAST INCIDENCES

TIME	OPERATOR	DESCRIPTION	LEVEL
10:23	Lisa Smith	Energy OFF line 3	VERY HIGH
08:45	John Brown	Transformer A3 burnt	VERY HIGH
00:36	William Clark	Door not locking, sector 09	LOW
07:25	Arif Tahir	Alarm ON, sector 03	MEDIUM
07:25	AGary Smith	Alarm ON, sector 05	MEDIUM
17:22	Michaela O'Brian	Intruders alarm	HIGH
05:32	Arif Tahir	Door not locking, sector 07	MEDIUM
08:21	David Sullivan	Alarm ON, sector 03	MEDIUM
22:59	Lisa Smith	Alarm ON, sector 05	MEDIUM
14:35	Peter Brown	Equipment overheating	HIGH