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ROOMDIMENSIONS

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4 Y C

FOR
YOUR
CONTROL

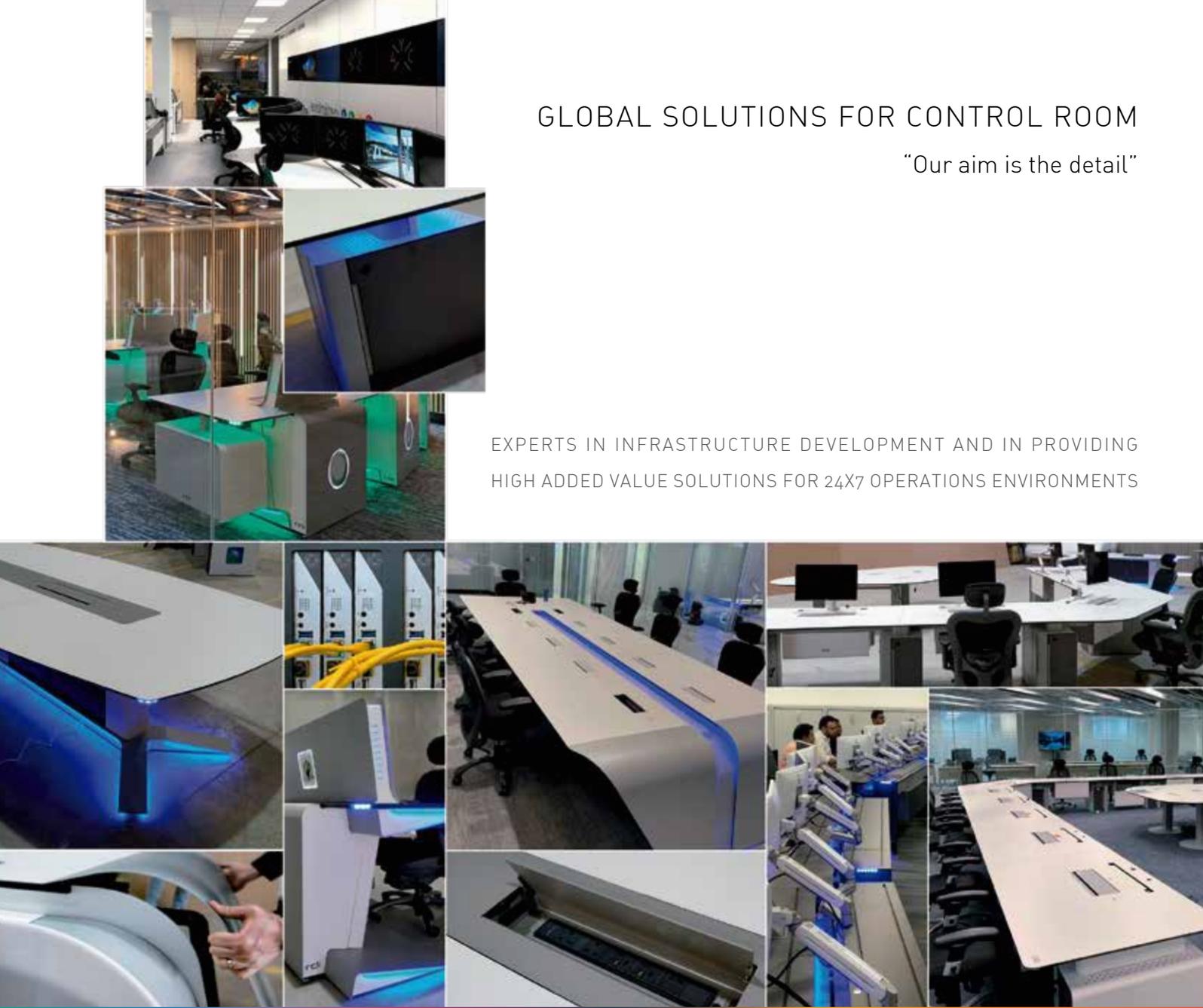
FOR YOUR CONTROL

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GLOBAL SOLUTIONS FOR CONTROL ROOM

“Our aim is the detail”

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





Roomdimensions Iberica, RDI, offers technological solutions for control centres, covering all stages of each project from design to implementation:

Design and manufacturing of technical furniture and smart consoles, integration of technology and electronics, supply of video walls, room design and automation of tasks associated with the security, well-being and comfort of the environment.

The main objective is to facilitate the integration of the different elements as a single supplier providing high-value services in critical areas ensuring an efficient, reliable and adaptable operating environment to the needs of each client.





Why 4YC?

4YC (For Your Control) is an all-in-one Command & Control Centre Solution which combines features of KVM matrix, videowall control and smart workspace.



No KVM Server required

No Video Wall Matrix required

No HDMI/KVM Extender required

No LED Wall Controller required

No Input Preview Card required to watch real time content

No limit on the channels of source and quantity of videowall display

Command & Control Centre Solution by IP Based KVM Video Collaboration System

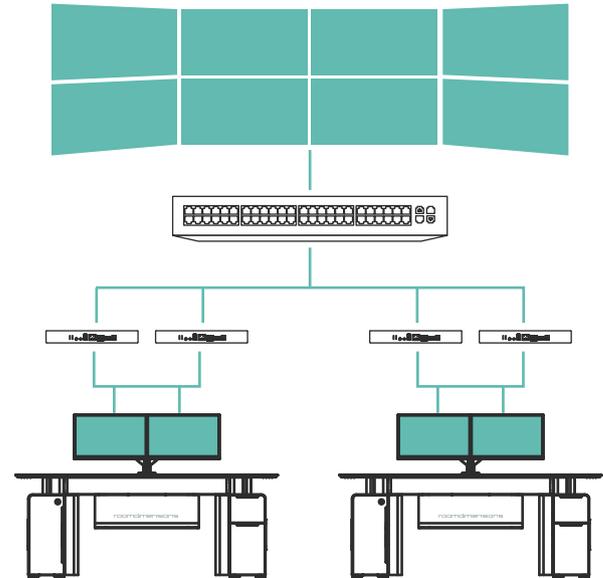




IP BASED ALL-IN-ONE COMMAND & CONTROL CENTRE SOLUTIONS

CONTROL ROOM SOLUTION

The 4YC video collaboration system allows different ways of displaying information to be configured through the operator's workspace.



2K TECHNOLOGY

2K KVM encoder

Captures video signal and keyboard mouse. 2x HDMI input connectors.



2K KVM decoder

Decoder to capture video signal and keyboard mouse. 2x HDMI output connectors.



4K TECHNOLOGY

4K KVM encoder

Captures video signal and keyboard mouse. 2x HDMI input connectors.



4K KVM decoder

Decoder for monitors and mouse keyboard. HDMI / DVI output connectors.



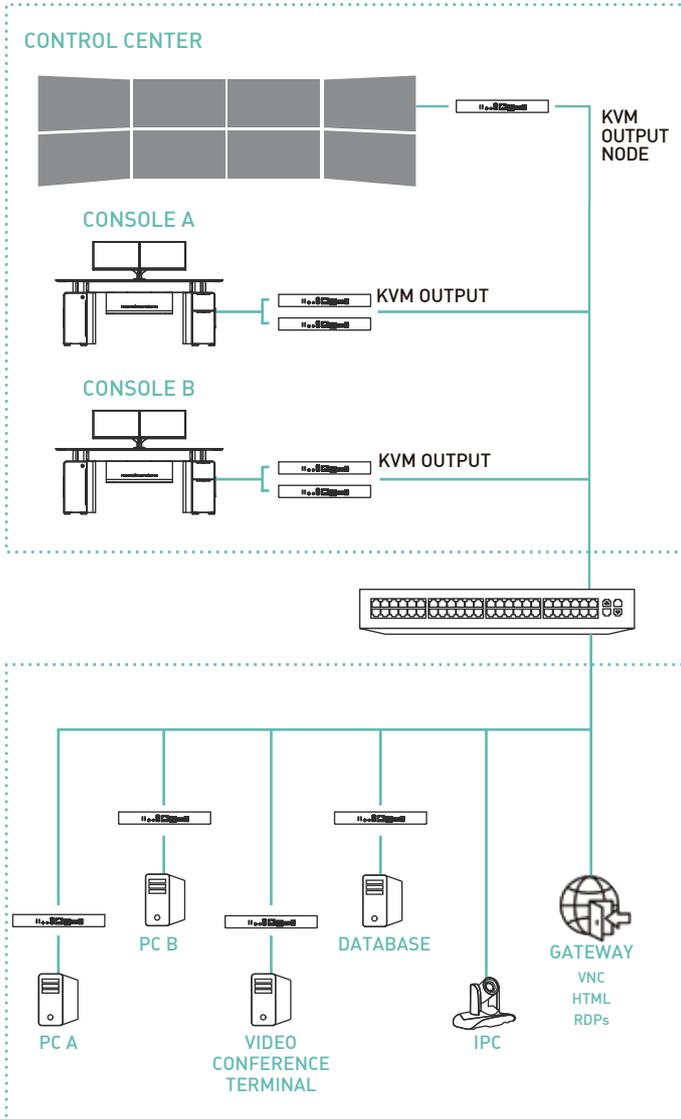
SWITCH

28-Port Switch

POE network switch.

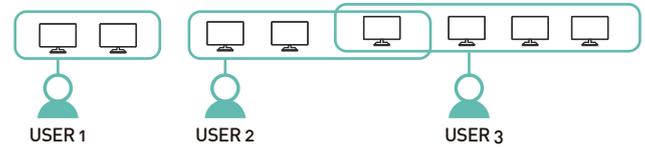


USER WORKPLACE



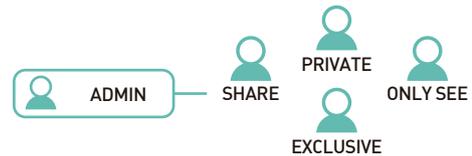
1 Definition of PC's of the platform

The administrator identifies the computers that will be available within the platform and creates scenarios, permissions and designs for each user.



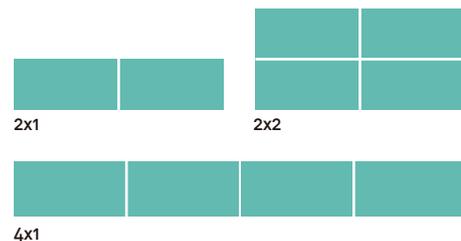
2 User/operator registration

The administrator manages via different access authorizations the distinct users/operators with **exclusive access**, **share**, **only see** and **private**.



3 Definition of work screens

The number of screens that configure the work place is identified.





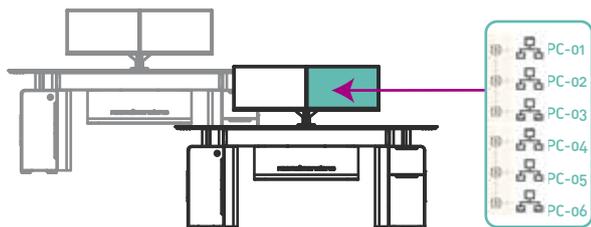
4 Layout/scenario definition

The screens at the workstation can be subdivided independently, allowing up to 8 simultaneous signals to be displayed and controlled on each monitor. The user can create and save new divisions to configure the workstation at their convenience and save them as scenarios.



5 GET SIGNAL function

Users have the option to capture the graphic signals for which they have permissions. At any time, the user can change the signals to be displayed or use different presets with different signals depending on the operational needs of the control center.



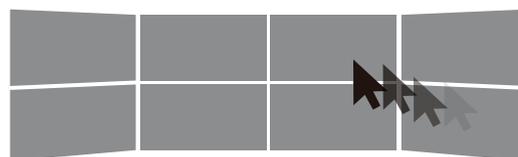
6 HOT DESK function

4YC VOIP saves each user's personal settings (screen layout, assigned signals, and scenarios) and automatically retrieves them when logging in to any workstation, allowing the operator to maintain their environment without the need for reconfiguration.



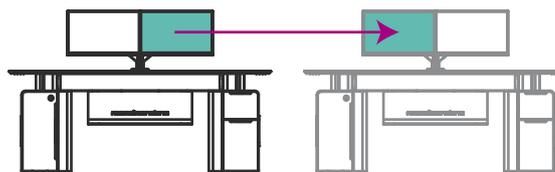
7 KVM function

Allows the control of captured signals. The signal is switched automatically by moving the mouse over the predefined quadrants.



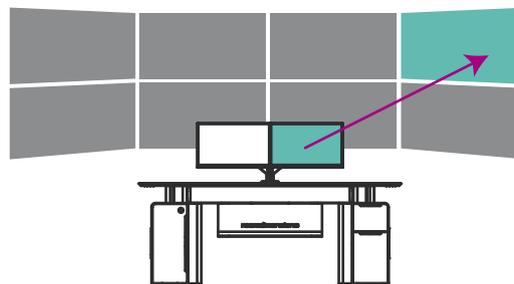
8 PUSH SIGNAL function

Any operator can send a signal to another operator's post.



9 PUSH function on a videowall

Any operator can send a signal to the video wall.



4YC EXTRA FEATURES





EXTRA FEATURES

The **4YC platform** also has some extra features that substantially improve its usability:

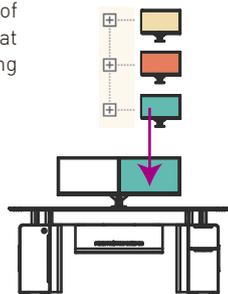
1 Biometric access control

The 4YC platform integrates a **biometric access system** for high control and security requirements. Through the fingerprint, the system provides the necessary means to prevent access to users with no authorization so that the log in and log out is completely secure.



2 Source preview

The 4YC platform allows a dynamic preview of the available AV signals on the network, so that the user has more information when selecting the required image.



Extra features

4YC VOIP is compatible with touch functions enabling the same features and menus, interacting with remote equipment and navigating through different scenarios without the need for a physical keyboard and mouse.

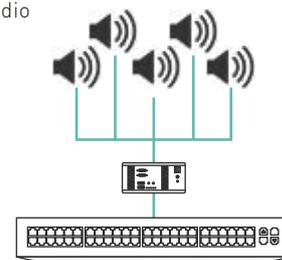
3 Integrated video conferencing system

This system allows internal videoconferences between active users of the platform in order to have an integrated communication channel.



4 Audio management

The platform offers simultaneous audio management of up to 16 channels.



VIDEOWALL MANAGEMENT: DS 4YC

DS 4YC

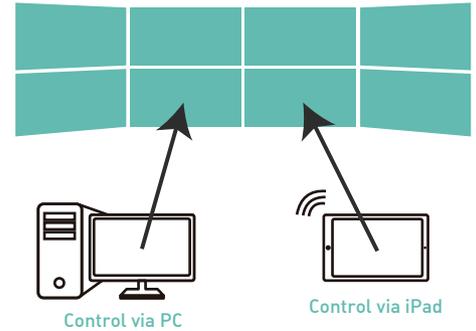
The DS 4YC is a graphical platform that allows the management of all network signals and displays them on the video wall through an interface that can be customised and can control different elements. The signals can be PC's as well as lights, air conditioning, curtains, alarms, CCTV...

There is a graphic platform that allows the management of all the network signals showing them on the videowall,

by means of a platform that can be custom-made and that has the option of controlling different elements.

The videowall can be controlled:

- Via wireless via an iPad.
- Via PC by installing the DS 4YC control software.





CONFIGURATION

Access to the administration area from which the different sources, signals, etc. can be managed.

INTERFACES

Button that activates that videowall on which we want to work.

LAYOUTS

Definition of the different formats of the videowall in which we want to divide it.



PRESET & RECALL SCENARIO

With the **preset** action we save different previously designed configurations. With the action **recall** we choose one from the defined configurations.

CONTROL PREVIEW MODE

Clicking on **layout preview** we can preview the scheme of our videowall. Clicking on **send layout** we send the scheme.

SOURCE PREVIEW

Preview in miniature size of each of the selected signals. By double clicking we get control over the specific signal we need at the moment.

AUDIO

By dragging the signal preview icon over the audio menu we activate the audio function.

ENVIRONMENT

Environment elements management area (such as curtains, AC, lighting, CCTV cameras, motorized screens etc).