



DEFENSE & SECURITY
C3I COMMAND CENTER
DISASTER MANAGEMENT



VISUALIZATION SYSTEMS

NAVAL EMBEDDED VIDEO WALL SERIES

Barco UniSee



Key Features

- Entirely secured Off-Line System
- One 'for all' graphic server
- Video capture signals only
- Independent scenarios in eachroom
- Unlimited number of scenarios
- Flexible landscape & portrait modes
- Video fiber optic link between display walls
- LCD keypad available to control each room
- Up to 40 displays
- Up to 80 video captures
- Intuitive way to create scenarios
- Shock & vibration approved display structures
- Different versions of display structures available
- Unlimited Multiwall combinations
- Barco 55" UNISEE monitors with :
 - external redundant power supply
 - 100 000 hours MTBF
 - 800cd/m²
 - 3mm image to image bezel

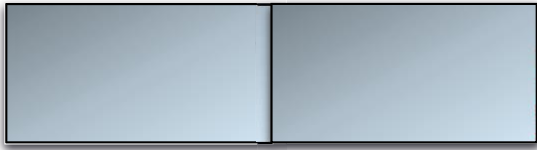
INFORMATION OVERVIEW SYSTEM

Issued from IRTS's Nato certified Mobile Display Wall solutions dedicated to landforces Joint Operations centers or C4Is, this naval version provides the same features and meets naval specifications for use and installation.

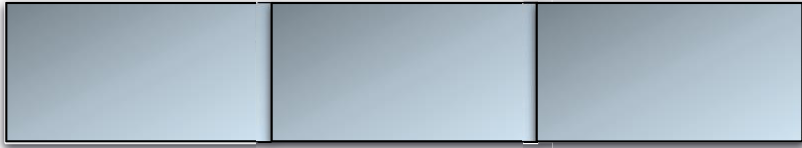
Enabling collaborative work while keeping each source security setting is now critical.

Military displays are taking a leap forward and offer to overlay vtc, maps, drone videos, imagery, and other important real-time information for command posts on entire video walls.

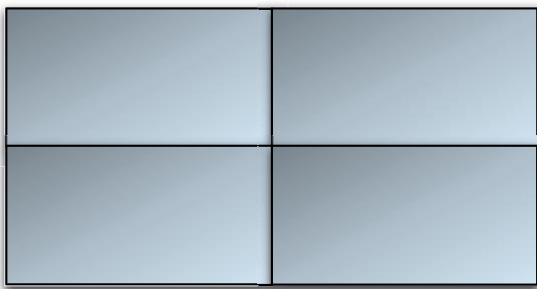
PRODUCT CONFIGURATIONS **Barco UniSee**



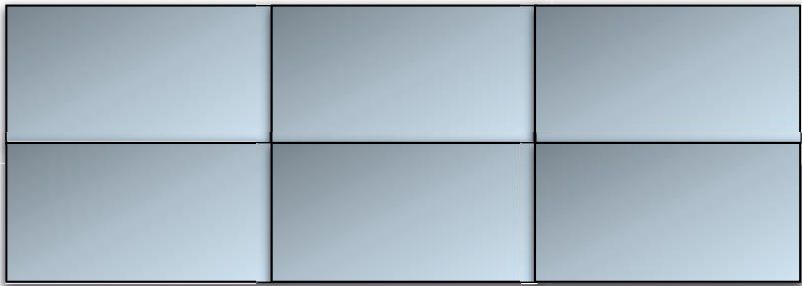
2x1
Thickness: 456mm
Resolution: 3840x1080
130kg



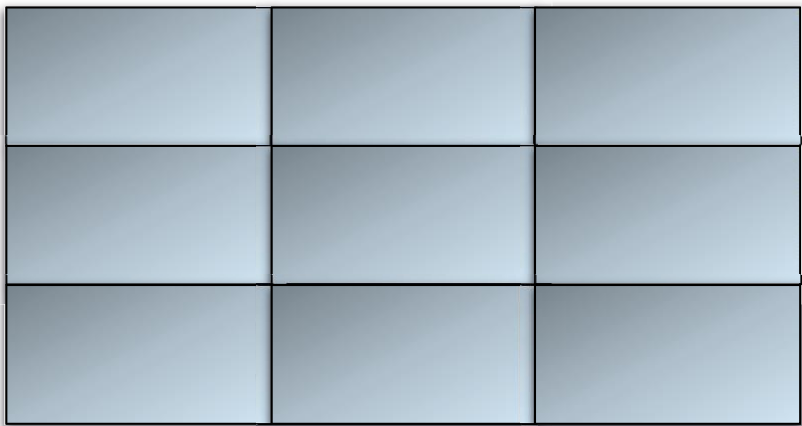
3x1
Thickness: 456mm
Resolution: 5760x1080
200kg



2x2
Thickness: 456mm
Resolution: 3840x2160
210kg



3x2
Thickness: 456mm
Resolution: 5760x2160
330kg



3x3
Thickness: 456mm
Resolution: 5760x3240
460kg



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RUGGED ELECTRONICS, COMPUTERS & DISPLAYS

3 x 2 STRUCTURE **Barco UniSee**

The support structure is lightweight and designed to receive up to 4 standard monitors 55" thin bezel (3mm image to image). Different configurations are available.

3x1 Structure



The Irt's patented structure is qualified to resist shock and vibration inputs up to MIL S 901D Grade B, and sustains up to 1 grms in vibrations from 10 to 100 Hz.. The folding and sliding shutter-system provides a quick installation and maintenance solution.

3x2 Structure



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VIDEO WALL SYSTEM DESCRIPTION DATAPATH

IRTS partners with Datapath systems to propose an innovative global solution suitable for military headquarters.

Using a protected single graphic server, any video source or combination of sources, will be displayed anywhere, thus keeping safely the original configuration of the captured graphic source.



WallControl 10 allows multiple walls to be delivered by a single graphic server. Walls in separate areas of the ship can be independently driven from the command center. Multiple walls can be easily set up using the wall creator wizard and if required each wall can be assigned a unique set of sources or video resources.

Each wall is locally driven by a pad recalling the scenarios prepared in the command center.

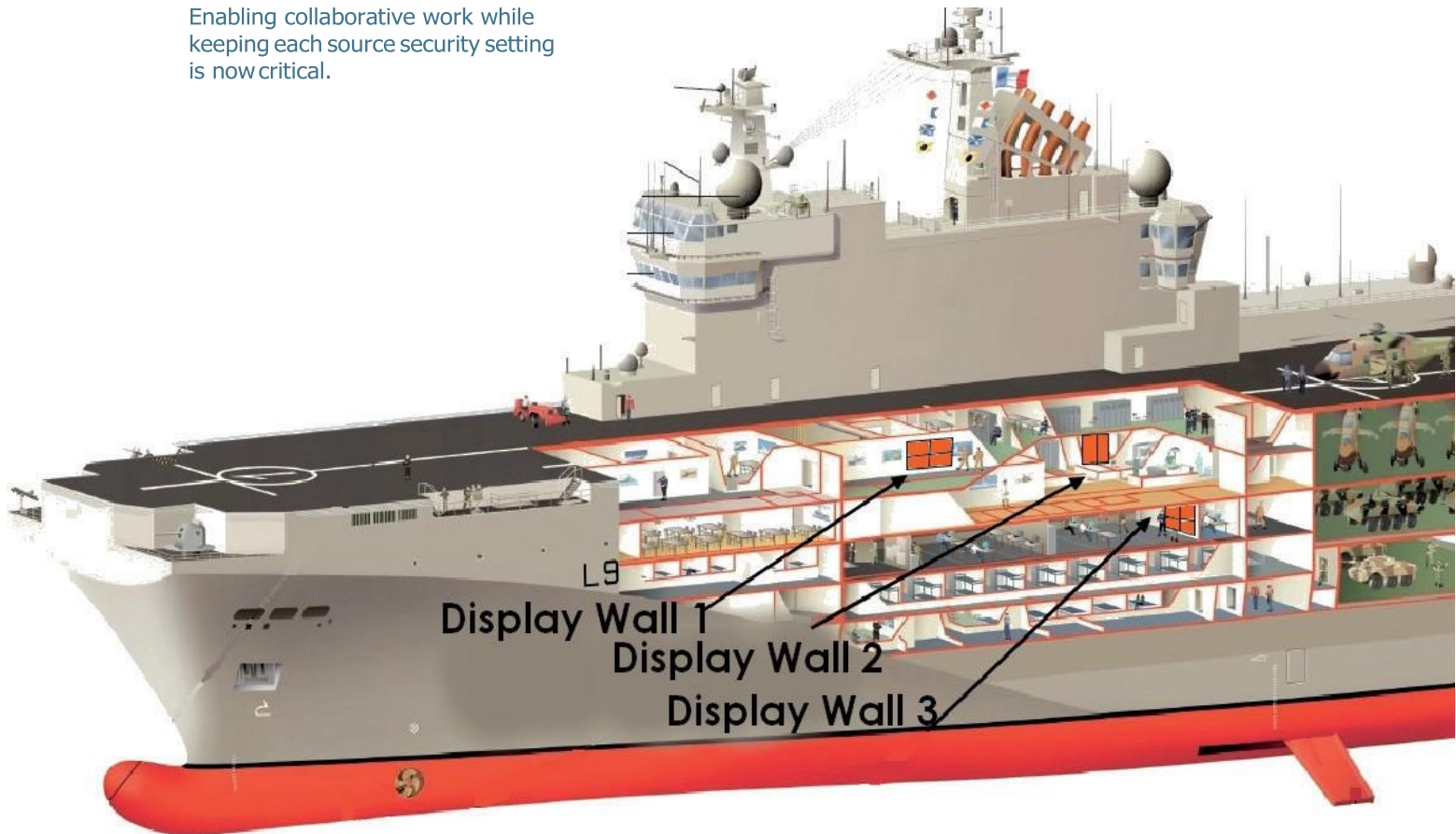


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EMBEDDED MULTI WALL DISPLAY SYSTEM

Enabling collaborative work while keeping each source security setting is now critical.



This COTS video wall system leverages the same powerful, reliable technology as permanently-installed in the control ops. Secured control rooms can now be made available inside any kind of vessels such as carriers, frigates, aircraft carriers.

Display any kind of video source anywhere on board through a Nato certified video system, integrated on qualified naval structures, is the goal of IRTS's innovative solution.



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