

# Barco UniSee® for command and control rooms

A perfect fit for your mission-critical application



## The Barco platform's benefits:

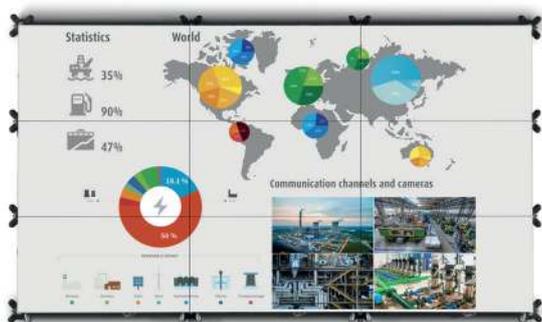
- Ultra-high resolution **single display** feeling
- Common operational picture for situational monitoring
- Bezel-less viewing experience for **faster, more effective decision-making** and fewer errors
- Long term **interoperability (Barco one-stop-shop offering)**
- Standards based technology for AV over IP

In a control room, where fast response and effective decision-making are key, the ability to display and share detailed common operational picture information from various sources is of utmost importance.

The newest Barco UniSee® LCD video wall platform, combined with other systems in Barco's portfolio, help control room managers, operators and IT managers maximize operational performance and optimize ergonomics. This is done by displaying relevant and real-time information without the distracting seams, and by ensuring uptime thanks to its modular set-up.

# A comprehensive portfolio, designed to interconnect

With a leading position in control room visualization, Barco knows all the ins and outs of critical decision-making. Our control room portfolio consists of highly reliable, field-proven solutions that were created to interact and complement each other. This allows control room managers to maximize the efficiency and effectiveness of the decision-making chain. Barco designs and manufactures these different solutions in-house (in a one-stop-shop set-up) – so we can guarantee the long-term interoperability of all components.



## Truly bezel-less LCD video walls

### Barco UniSee® LCD video wall

With a **bezel-less design**, a **0.3 mm mechanical gap**, unmatched uniformity (both inside each tile and across the entire wall), and perfect color accuracy, Barco UniSee® offers the ideal platform for creating a common situational overview with the required detail in control rooms.

Adding a light source lifetime of **100,000 hours**, redundancy of critical components, and a service-friendly modular approach, Barco UniSee® also offers the needed reliability for use in mission-critical environments.

- Best-in-class and bezel-less viewing experience, for faster, **more effective decision-making** and fewer errors
- **Perfectly balanced total image**, thanks to Sense X continuous & real-time color and brightness calibration
- **Ready for any** control room environment and **lighting conditions**, thanks to 800 NIT high brightness and low reflection
- **Minimal real estate** space needs, thanks to front access
- Modular set-up and front serviceability **simplify and accelerate maintenance**, and guarantee maximum operational performance
- **No noise** (fan-less, offering the best ergonomic conditions)
- Ready for **24/7** control room operations and **highly reliable**, thanks to remote and redundant power supply options

Boost the value of your Barco UniSee® LCD video wall in your control room by integrating it with:

- **Overture**, for enterprise-wide A/V control
- **OpSpace**, the workspace software tailored to the operator
- **Transform N**, a secure networked AV platform for information distribution
- **Barco CarePacks**, new service offerings from Barco for ultimate peace of mind at all times



## Knock-out room control for control rooms

### Overture

There are a lot of connected devices in the control room. Not only the video wall and operator workspaces, but also the climate control equipment, curtains, lighting, etc. can be controlled remotely. Overture, Barco's A/V Control system, allows you to **monitor and control** everything from a simple device. Because Overture uses a web-based HTML5-interface, this can be a **laptop, a tablet or even a smartphone**: if you have the login clearances, you have control.

What's more, this solution is not restricted to the control room but is typically deployed throughout the organization. So, you get the same interface look & feel wherever you go. Because Overture is a software solution, it can be deployed quickly and easily.

- Software-based A/V Control solution to get the **most value out of your investment** in A/V equipment
- **Centralized A/V set-up** and control room management with minimal in-room interventions
- **Mobile helpdesk with BYOD** as support staff can use their own device (phone, tablet, PC), to control the meeting room equipment
- **Monitor the status** of everything
- Easy and customized set-up through configuration (no programming required), ensuring **lower total cost of ownership** (TCO)
- Great **user experience**



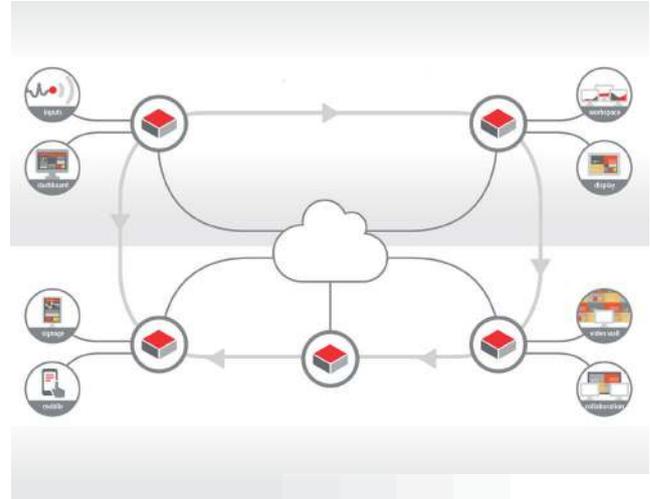
## One view with total situational control to reduce stress, avoid mistakes and prevent disasters

### Barco OpSpace

With OpSpace, Barco provides the ideal workspace software for the control room operators and supervisors. **Integrating multiple sources**, coming from **multiple secured networks**, OpSpace gives the users a complete overview of the situation on a **single visual pixel space**, consisting of **any number of displays** on their desks. All while respecting **security**, because the information is integrated only at the presentation layer although arriving from different network levels/domains..

Barco OpSpace finally allows users to work in an **intuitive way**, unhindered by system restrictions. With a **single keyboard and mouse**, the users consults and handles all available data. Just one mouse click calls any application into a work area positioned right in front of them. This very ergonomic way of working contributes to lower stress levels.

- **Improves situational awareness** by providing an immersive, high resolution unified display surface at each operator position
- Consolidated and secure monitoring of multiple physical, virtualized or web-based back-end systems, and live video & audio feeds from across multiple security domains
- Allows operators to create an **individualized context** that can be quickly adapted to changing circumstances
- Enables to maintain situational awareness by allowing to **switch control between hosts**, while keeping other back-end systems in view
- Gives a **task-oriented**, simple user interface
- Control by a single, **low-latency** keyboard/mouse
- Reduces desktop clutter
- Physically separates operators from back-end systems to **ensure security**
- **Granular access control** (users, roles, ...) by mission
- Supports server and source virtualization for upgraded IT friendly deployments



## A secure networked AV platform for information distribution

### TransForm N

Distributing images, video and data quickly and easily is essential for every organization. All stakeholders (including operators in the control room, executives in crisis rooms, remote experts and workers in the field) expect **complete and swift communication, real-time status overviews**, and a reasonable indication of when issues will be resolved.

Barco's TransForm N is the backbone network for **swift data distribution**. The networked AV platform allows decision-makers and decision-makers to choose a fixed set of relevant content and share it with the rest of the organization to **enhance collaboration**. TransForm N can manage millions of different inputs, from over hundreds of different device types, and display them in exactly the way you want – on large overview walls, operator desktops, kiosks, or even mobile devices. This enables true collaboration, leading to **better and faster decision-making**.

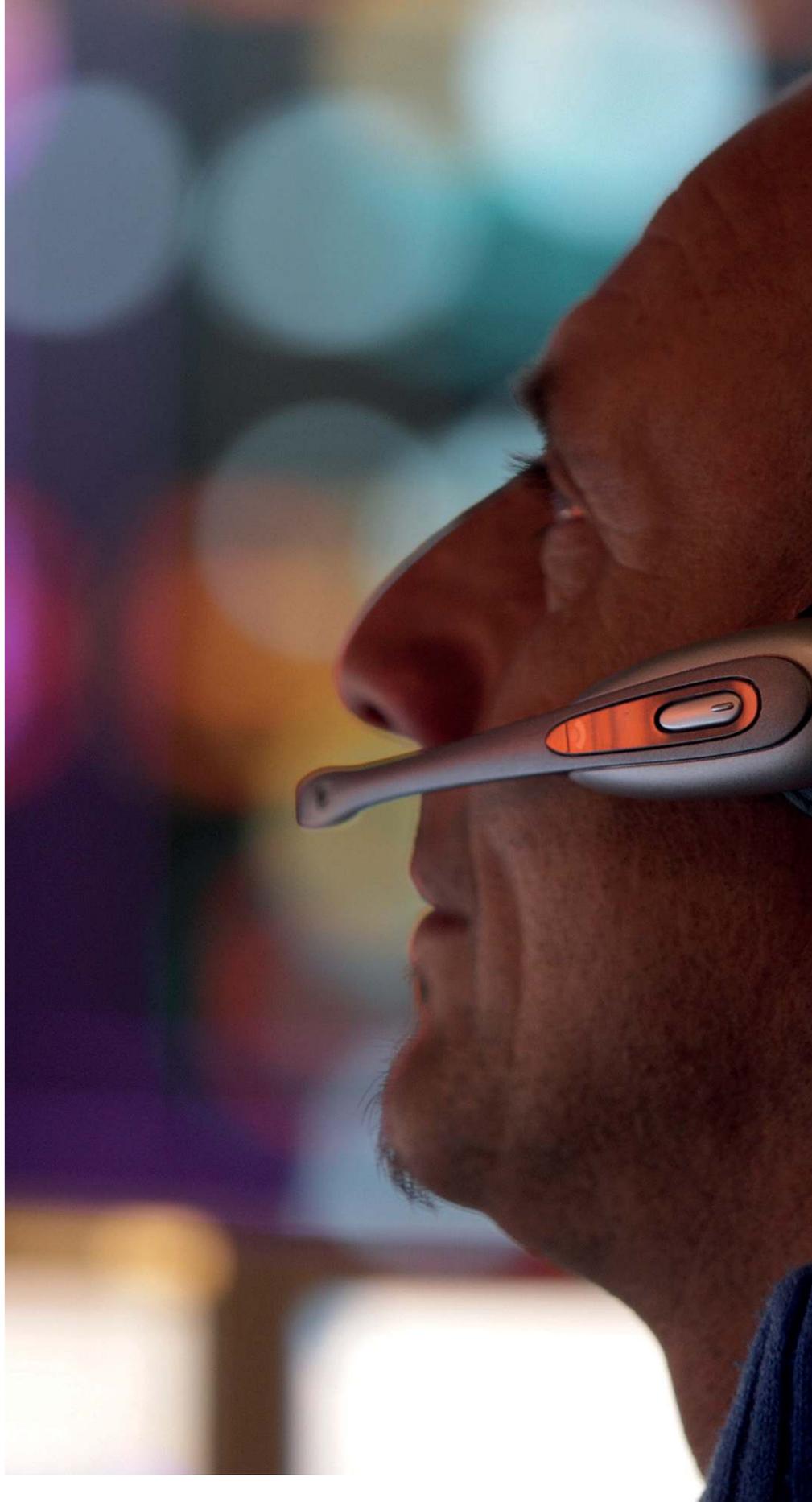
- Networked nodes for local and remote inputs onto output nodes supporting **unlimited wall sizes**
- Display **multiple Full-HD sources** at the same time
- **Flexible** layouts and presets
- **Share and collaborate** the common operational pictures, wherever decision-makers are
- **Real-time information everywhere**, enabling better decision-making
- High performance, suitable for **4K and 3D stereo** Content
- Supporting wired and wireless connections

## Peace of mind at any time

### Barco CarePacks

Barco products are designed to offer the highest reliability and deserve the best possible treatment. Our service packages help you to **maximize uptime** and complete your total peace of mind. Depending on your needs, we have different service levels available. In this way, Barco is always by your side, in any stage of the product life cycle.

- Warranty extension
- Business hours and 24/7 support options
- **Hardware & software** service offerings
- Hardware advanced swap
- Software **upgrade and update** options
- **On-site** support options



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The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.  
The latest version of this brochure can be found on [www.barco.com](http://www.barco.com). All specs mentioned in this brochure are in accordance with ISO 21118 standards.