

# Operate your utilities from an integrated workspace

Barco OpSpace - Personal operator workspace for Power Control Centers



## OpSpace allows you to:

- Visualize all critical sources in a single pixel space
- Build task-specific layouts of sources across multiple displays
- Securely access IT and operational (OT) network sources from a single interface
- Ergonomically control all your content with just one keyboard and one mouse
- Quickly add more sources or systems to your workflow
- Load your personalized settings from any connected workstation

Barco's OpSpace provides operators in Transmission, Distribution and Generation (TD&G) control rooms with a personal, ergonomically optimized workspace, integrating multiple information sources across multiple locations and systems.

As an operator in a System Operation Center, you need to be able to visualize and control a variety of dynamic data sources: grid information, outage management, SCADA, T&D maps, camera feeds, weather information, social media, news, office applications, and more.

In traditional control rooms, to consult these sources at the same time, you will need to work with different keyboards and mice, use different workstations, connect to different networks, or even walk to various locations. Not only is this very inefficient, but what if you need to react to an incident and make critical decisions in the blink of an eye?

With the Barco OpSpace software, you can optimize and accelerate your critical workflows. OpSpace provides control room operators with a single personalized view and secure access to all disparate applications and networks, remote desktops, and video streams. All relevant information can be consulted and manipulated within a single pixel space, with just one keyboard and one mouse. This way, you are always at the center of the information and you have all your systems within easy reach.

# Share, collaborate, and decide faster with OpSpace

## Security on every level

Barco's OpSpace has security built in on every level. Physical access to the OpSpace hardware adheres to the organizational standard for other AV/IT hardware by housing equipment in a separate server room, away from the control room. OpSpace allows you to present information from multiple, isolated networks - both IT and OT - on the same workspace. User roles and permissions ensure that you see only the data that has been authorized for you and that is relevant to your job. This way, you maintain a higher level of security and prevent unauthorized access and data transfer. OpSpace has proven to be reliable in several third-party vulnerability scans and complies to US NERC-CIP cybersecurity standards.

## Improving operator ergonomics

Timely and effective decisions are only possible when you have a complete contextual overview of all relevant information sources. This is exceedingly difficult to achieve when information spans multiple workstations or networks and when only one application per monitor is possible. When the number of simultaneous views is limited to the number of monitors in front of you, you risk missing critical information that is outside your primary field of vision. With OpSpace's integrated workspace, you can monitor multiple sources per display and combine different sources in an easy layout for quick access. Instead of switching between multiple screens, you can also personalize your workspace for maximum efficiency and ergonomic comfort. For example, you can position essential interactive sources in front of you and supporting monitored information in your peripheral view. This allows for all critical data to be within the 35-degree field of view recommended by human ergonomic experts.

## Stay in absolute control

OpSpace reduces the clutter and brings simplicity back to your workflow, both on your screens and on your desk. Barco's operator workspace solution integrates all applications into a single integrated workspace. With just one click, you can call any application to view or work on - reducing navigation time and improving the overview of any situation. What's more, OpSpace allows you to do all this with only one keyboard and one mouse. The simplicity of OpSpace makes transitioning to this workspace easy, even for operators with ingrained working routines. When transitioning from an old to a new application environment, OpSpace even allows you to have both systems side by side, allowing a faster transition to the new environment.

## Your personalized settings, anywhere

Upon user login, the 'Follow me' feature loads your personalized workspace settings, so that all your preferred applications and sources are loaded onto their pre-defined layout. This allows you to start working from anywhere in case of emergencies, without having to adjust your settings.

<sup>1</sup> United States Department of Labor, Occupational Safety & Health Administration, [https://www.osha.gov/SLTC/etools/computerworkstations/components\\_monitors.html](https://www.osha.gov/SLTC/etools/computerworkstations/components_monitors.html)

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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.