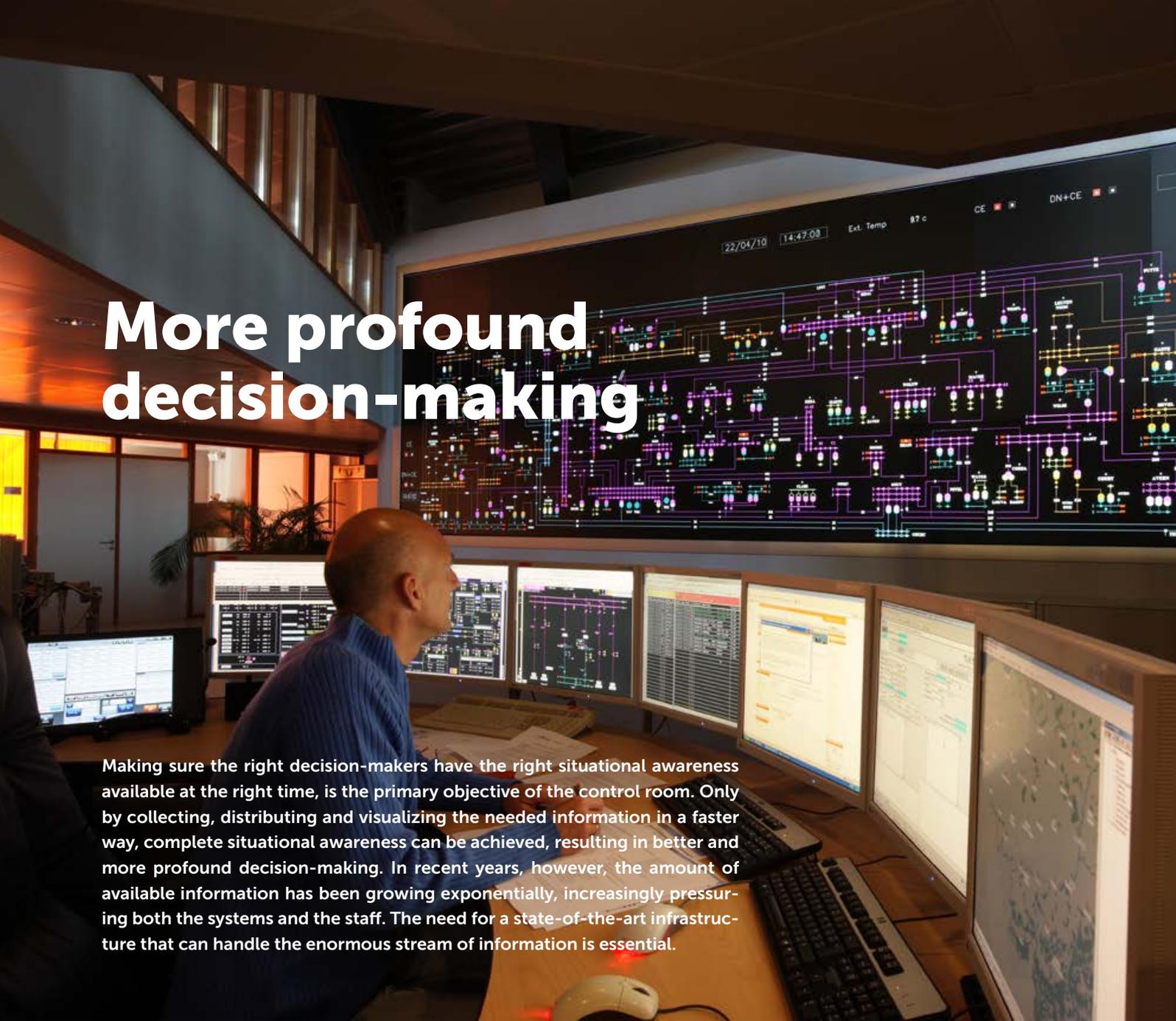


View better, share faster, resolve quicker

Barco's control room solutions



image.
impact.



More profound decision-making

Making sure the right decision-makers have the right situational awareness available at the right time, is the primary objective of the control room. Only by collecting, distributing and visualizing the needed information in a faster way, complete situational awareness can be achieved, resulting in better and more profound decision-making. In recent years, however, the amount of available information has been growing exponentially, increasingly pressuring both the systems and the staff. The need for a state-of-the-art infrastructure that can handle the enormous stream of information is essential.

Adopting new workflows

The main challenge for organizations today is to adopt new workflows that integrate smart alerting systems, heterogeneous sources, and new actors (including social media) into their infrastructure. So, it's crucial to have an open system that enables interoperability, which prepares it for the new sources of today and tomorrow. Additionally, to obtain complete situational awareness, sharing information among multiple secured networks should also be possible.

A situational overview at a glance

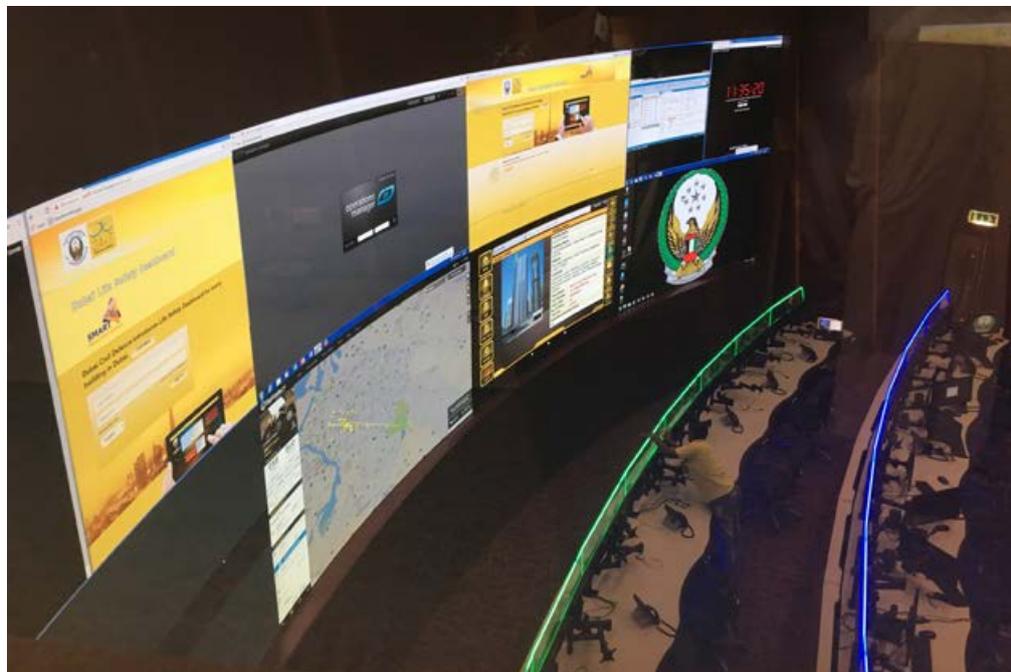
A large video wall is an important part in providing control room operators with a complete situational overview. At a glance, they can see a common operational picture consisting of a multitude of important sources (including camera footage, sensor information, social media feeds, etc.) that can help them monitor and manage any situation. What's more, operators can also share information on this overview wall, allowing them to collaborate with colleagues. This makes it possible to bring new depth into difficult decisions.

The critical nature of control rooms poses very specific requirements to the video wall technology. Reliability and accuracy are crucial at any time, while brightness, viewing angle, room size, inter-screen gap, etc. depend on the application and the control room environment. The list of requirements therefore varies extensively from control room to control room. Only a manufacturer with a broad portfolio is capable of offering the perfect solution to every customer.



This total enterprise solution means the Control Room communications are futureproof. It's all integrated.

Simon Williams,
Technical Director at CComm



Optimizing operator efficiency and effectiveness

The increasing amount of data available does not translate into more operators in the control room. On the contrary, pressure on budgets has in many cases even led to either a decrease in staff or increase in expectations of efficiency. Optimizing the efficiency and effectiveness of the operator is therefore an essential part of modern control room management. Technology plays a key role in this, as it helps the operators to monitor and manage many different sources at

once. Particularly tricky is that in many cases, sources are coming from disparate secure networks which cannot be interconnected. It takes a fit-for-purpose workspace solution to present this information to the operator in an easy, secure and ergonomic way.

Information ingestion and distribution

Knowledge is power, and the possibilities of Big Data are huge and can help one take the right decisions at the right time. With the amount of available data continuously growing, information management will become exponentially important. But knowledge is useless if it is confined to only one part of the organization and cannot be shared. That is why getting the information to the relevant stakeholders (on the same campus, in any subsidiary, and even into the field) in a fast and secure way, is an essential element for success.

Our solutions

Barco has a long-standing leading position across the entire visualization and content distribution chain with fit-for-purpose and certified technologies in LCD, LED, rear-projection cubes, image processing, content management, etc. With our vast experience in a rich variety of market applications such as traffic management, network operations, transmission & distribution control, security operations, and many more, we know how to enable you to view better, share faster and resolve quicker.

INDOOR LARGE VIDEO WALLS

As one of the few global suppliers of ALL relevant video wall technologies (LCD, direct view LED and rear-projection) for control rooms, we have exactly the portfolio that answers your needs. Whether your control room is big or small, bright or dimly lit, showing static or dynamic content, Barco brings you the optimal product. Our video walls excel in reliability, giving control room managers the peace of mind that the overview wall will continue functioning, 24/7.



- Greatest viewing experience
- Highest reliability, with 100,000 hours of lifetime
- Optimized serviceability process and automated calibration systems for ultimate ease-of-use.

CONTENT DISTRIBUTION AND SCREEN MANAGEMENT

A Barco video wall combined with the unique image processing and network-centric distribution system is a winning combination. Handling all steps, from collecting to displaying any source to any connected video wall around the world, Barco's portfolio of networked nodes, controllers and software, provides the backbone for the ultimate performing visualization system. Our enterprise-grade content management software ensures that all information can be displayed and viewed in the most user-friendly way.



- Modular system, sizable to any needs
- A complete portfolio of open hardware and software components
- Highly reliable and robust

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