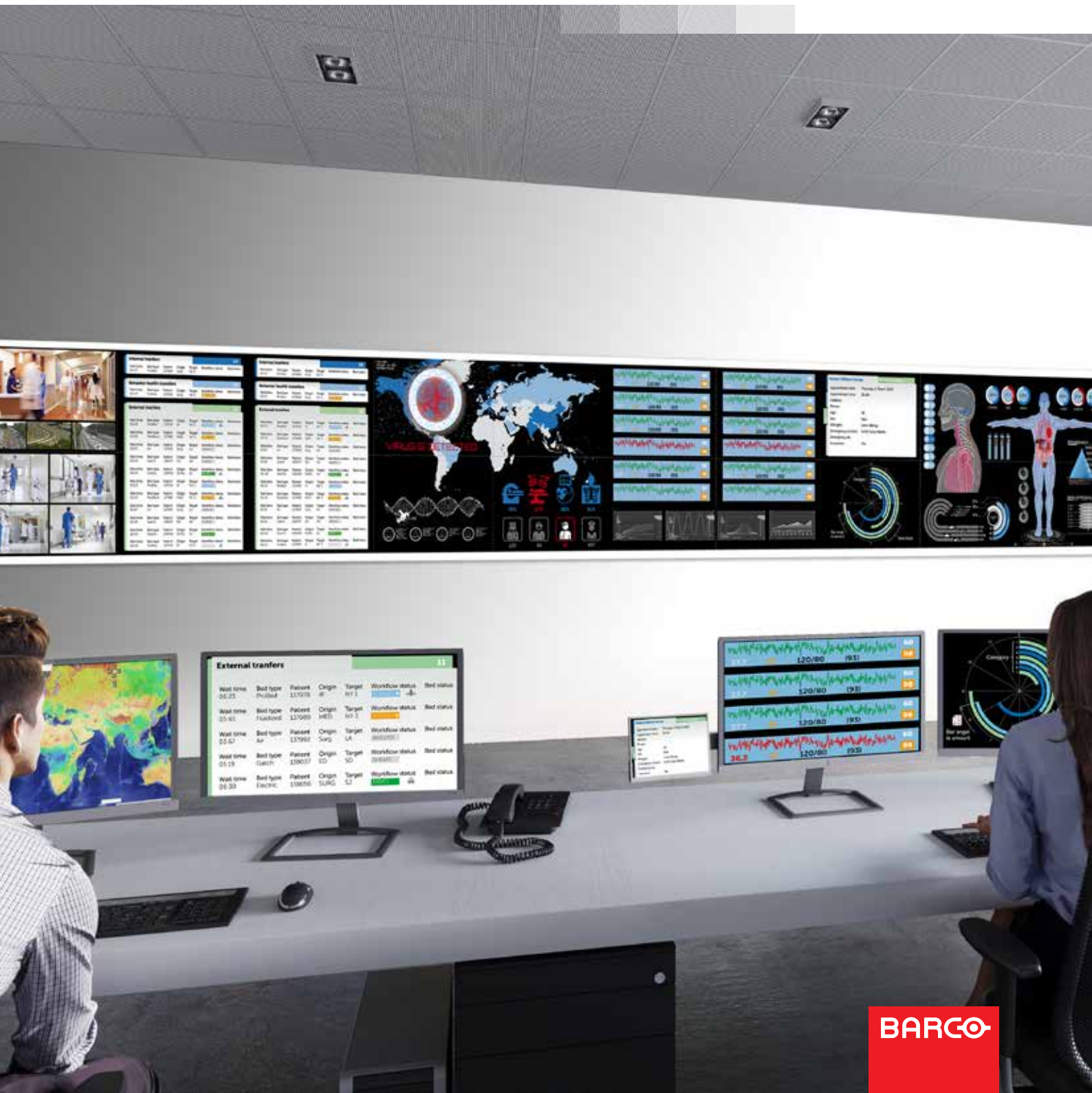# Streamlining
the patient journey

Barco's solutions for clinical command centers

BARCO

We streamline patient journeys, by enhancing operational awareness for caregivers

Today's hospitals are complex organizations that communicate and collaborate across multiple health systems, sites and departments. Coordinating these operations efficiently is critical to guarantee high-quality patient care. Hospitals therefore increasingly operate from clinical command centers to monitor patient flows, manage capacity, allocate resources and reduce waiting times for patients.
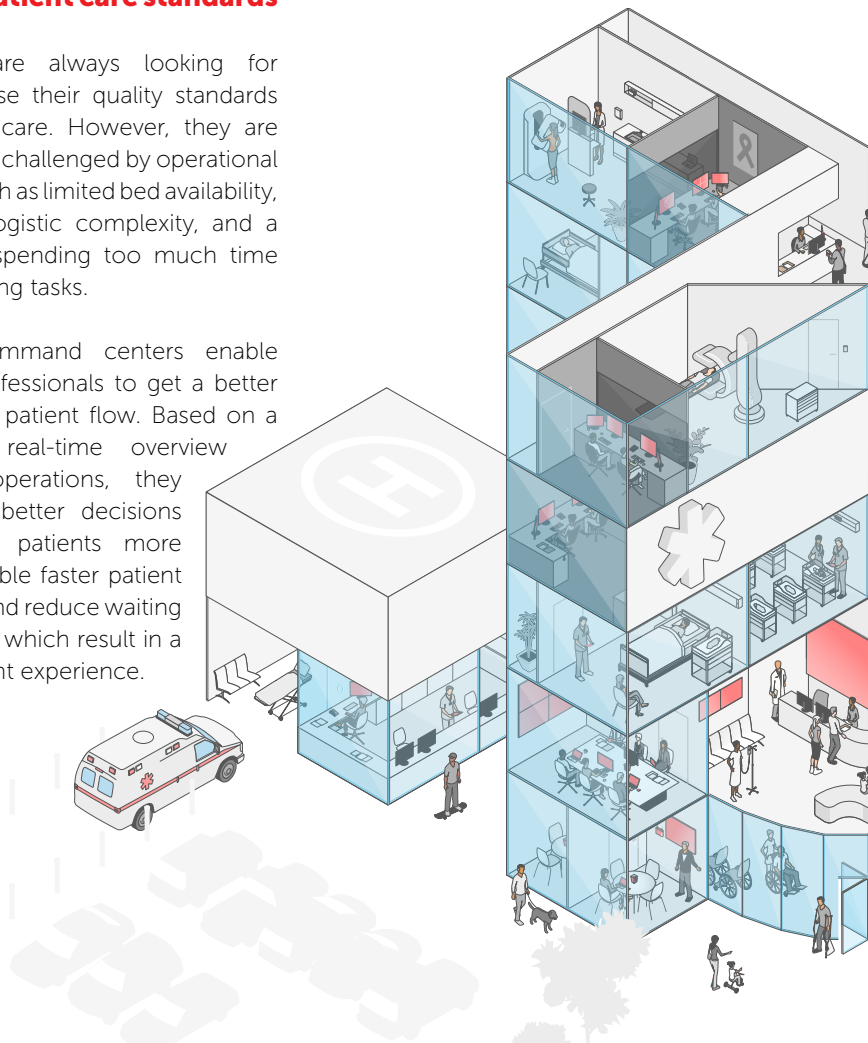
Barco's large-screen visualization solutions and smart control room software offer clinical command center operators the possibility to create a complete overview of their operations at a single glance. From patient access, over bed allocation and emergency department status, to patient discharge, Barco's visualization solutions provide real-time insights into the patient journey, enabling operators to make better informed decisions.

However, at Barco, we believe that clinical command centers can be so much more. Hospital professionals should be able to consult any data source possible, be it their own or from an external network, in order to improve their decision making. That's why we like to look beyond what is possible in today's clinical command centers, to create new and better ways to deliver value to patients and hospital professionals.

Raising patient care standards

Hospitals are always looking for ways to raise their quality standards for patient care. However, they are increasingly challenged by operational realities, such as limited bed availability, increased logistic complexity, and a workforce spending too much time on non-caring tasks.
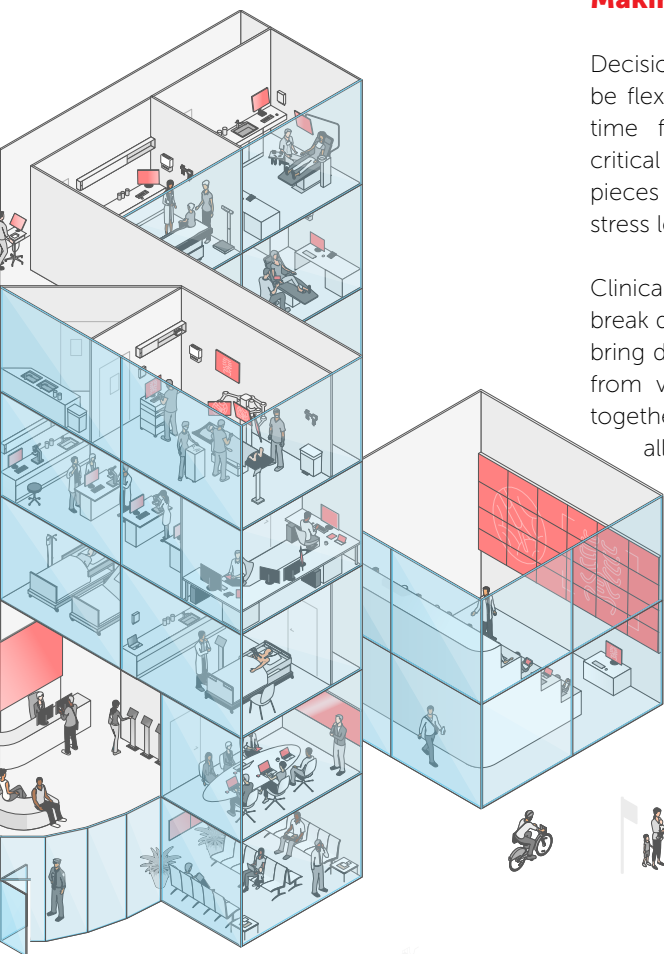
Clinical command centers enable hospital professionals to get a better grip on the patient flow. Based on a complete, real-time overview of their operations, they can make better decisions to transfer patients more quickly, enable faster patient discharge and reduce waiting hours, all of which result in a better patient experience.

What is a clinical command center?

Acting as the nerve center of the hospital, a clinical command center brings together all relevant data and information to make the right decisions for patients, staff and other stakeholders. Clinical command centers help to optimize the patient flow, monitor bed capacity and manage OR occupancy. The objective is to cut waiting times, treat more patients while improving their experience, and reduce pressure on the staff. By running all operations from a central location, hospital professionals can have a complete overview of the situation at any moment, without the need to consult the different departments, which are often disconnected.
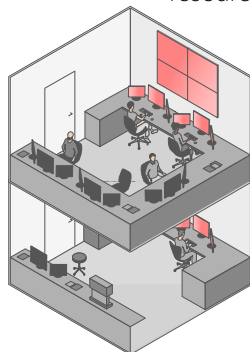
Making informed decisions

Decision makers in hospitals need to be flexible and agile. In often limited time frames, they need to make critical decisions based on cluttered pieces of information, bringing their stress levels to a maximum.

Clinical command centers effectively break down communication silos and bring different sources of information from various departments and sites together into 1 shared overview. This allows them to detect bottlenecks faster, reduce bed assignment time, and make better use of the hospital's staff and resources.

Capitalizing on information

Today's hospital operations make use of multiple technologies and data sources. Information often needs to be exchanged between different applications and disparate IT systems, making interoperability a must. As a control room expert of many years, Barco is able to work in the different applications, as it is one .

More than that, Barco likes to challenge healthcare professionals to do more with data and look beyond the hospital walls. From ambulance tracking, over weather reports to live camera footage, Barco-powered clinical command centers allow operators to add any source of information that can improve clinical performance.

Our solutions

Barco has a legacy of more than 15 years offering 24/7 control room technology for a wide range of industries. Barco's control room solutions offer operators complete situational awareness at any time, helping them and their stakeholders to take optimal decisions. Our portfolio for clinical command centers consists of video walls, networked visualization and operator workspace solutions, combined with professional services.

VIDEO WALLS

Barco video walls enable clinical command centers to display video sources and data from various planning tools, databases and maps. Barco's versatile control room solutions make it easy to switch between applications and they are designed to interface with many leading 3rd party systems and audiovisual source types.

OPERATOR WORKSPACE SOFTWARE

Barco enables operators to build a single pixel space out of multiple displays on the operator's desk. Workspace users can view, monitor and interact with multiple clients that reside on multiple networks with different security clearances or liability concerns. All relevant information can be consulted and manipulated within a single pixel space, with just one mouse and keyboard.

AV OVER IP MEDIA PLATFORM

Barco's networked visualization multi-screen video wall controllers offer the most flexible and user-friendly way to distribute and display any source onto any display. Clinical command center operators can consult their video and data sources in real-time, giving them valuable insights into the situation in the field. Barco video wall controllers can easily interface with 3rd party solutions, and are compatible with a large number of AV & ICT source types.

SERVICES

Our maintenance, support, and professional services assure complete peace of mind, from the setup of your project to the maintenance of your Barco video wall or control room solution. The results are minimal downtime, improved productivity and greater cost efficiency.

Find out more at www.barco.com/clinical-command-center

ENABLING BRIGHT OUTCOMES

BARCO

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