

Custom-built display solutions

built on trusted partnerships

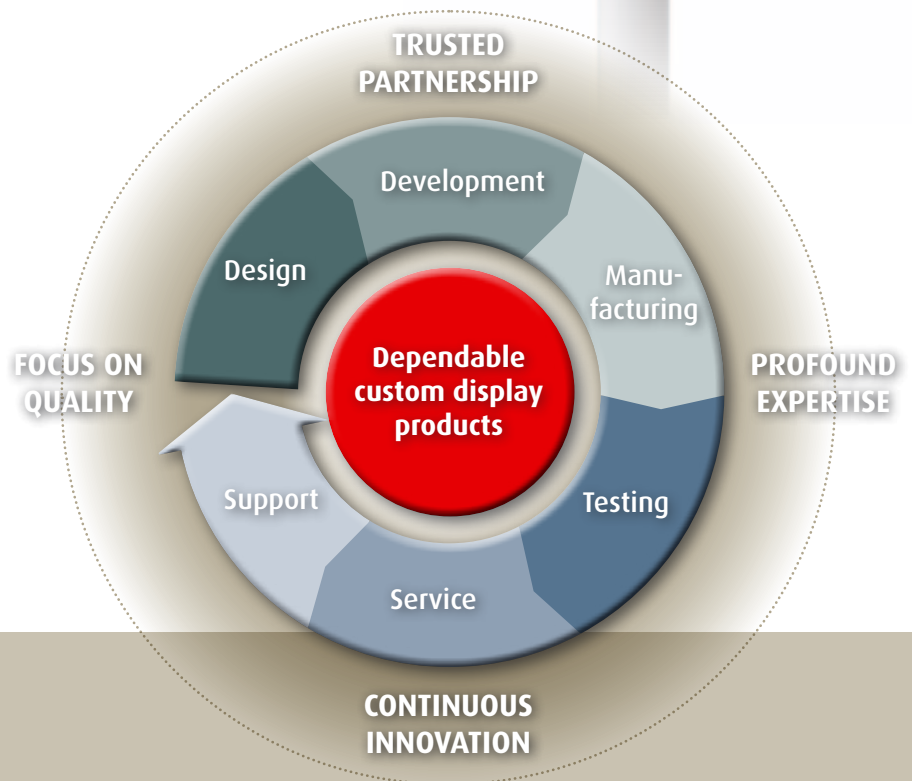


Dependable custom display products built on trusted partnerships

Despite the abundant choice of medical displays on the market today, there are certain projects for which only custom-built solutions with specific features will deliver the performance required. For these projects, you can depend on Barco's FIMI center of expertise for tailor-made display solutions.

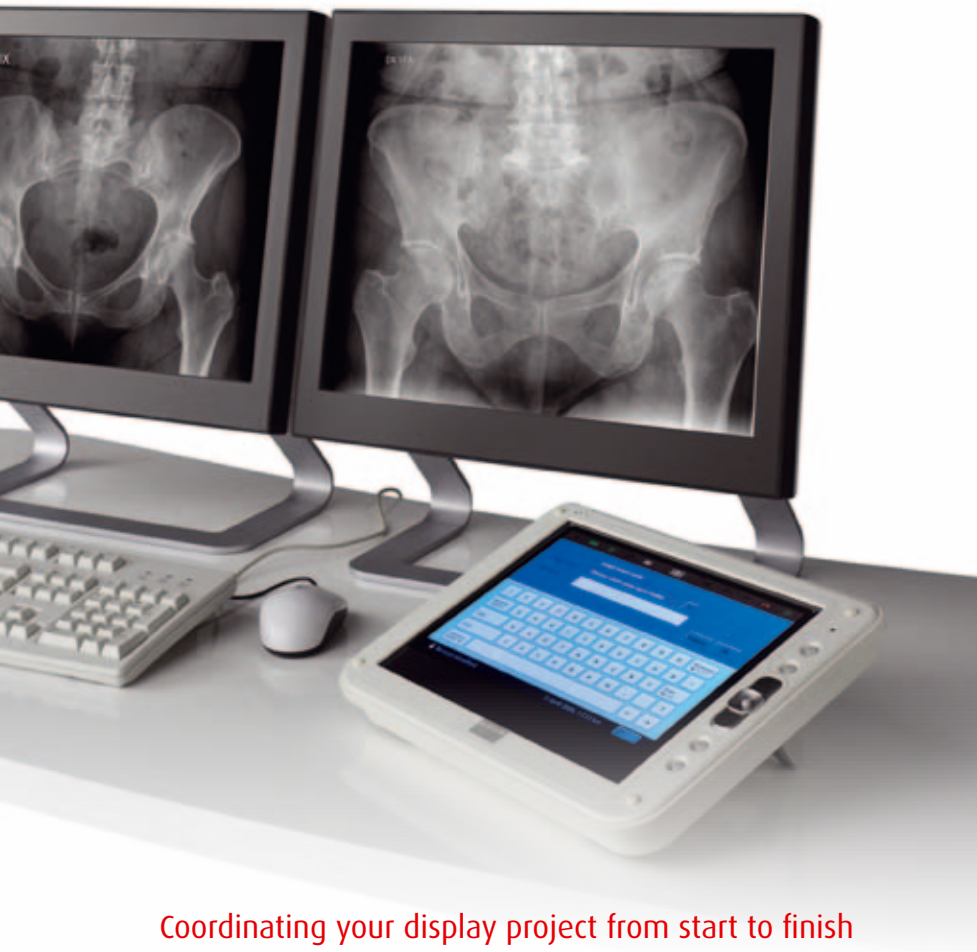
What can we do for you?

Starting from a solution-oriented partnership approach, we design and manufacture **innovative**, dependable display solutions that are backed by **experience** and expertise and implemented in **partnership** through strong customer focus, a commitment to **quality** and continuous support.



FIMI, a Barco company

FIMI is Barco's center of expertise for the development of custom-built display-centric solutions that present medical content with confidence and precision. Active in the monitor market since 1977 and in particular in the medical imaging market since more than 20 years, FIMI is renowned for its ability to provide innovative, customized display-centric solutions via partnerships with the world's leading original equipment manufacturers (OEM).



Coordinating your display project from start to finish

Barco custom medical displays are built on your specific requirements to support your specific goals. Our experienced engineers can coordinate your project from start to finish, with services including high-quality **design & development** and state-of-the-art **manufacturing**. In addition, we are fully equipped to perform sophisticated and rigorous **testing**. Finally, we can ensure product lifecycle management including highly-responsive, ongoing **service and support** as well as long-term maintenance.

Barco, the global number 1 in medical imaging

Barco is the world's leading provider of medical display technology. With a legacy of superior image quality and smart technological innovations, Barco has a solid reputation for delivering dependable display solutions that are central to the provision of quality healthcare. Through the acquisition of FIMI, Barco is an unequalled partner for the fast development and market introduction of OEM customized display products.

Why Barco FIMI?

- Profound know-how and long-standing expertise in healthcare imaging
- Highly qualified and experienced staff with a solution-oriented, partnership approach
- Full project coordination, including design & development, manufacturing, testing, service and support
- Excellent process efficiency to ensure optimal return on investment and faster time to market
- Strong reputation for building reliable medical display products that provide confidence and precision
- Flexible in-house manufacturing and testing to ensure optimum product quality
- Highly responsive, ongoing service and support during your product's full lifecycle

Barco at a glance

- Global number 1 in diagnostic display solutions
- Global number 1 in mammography displays
- Used a billion times every year by healthcare professionals
- Responsible for nearly 1/3 of the global medical displays market
- Active in the OEM medical imaging market for more than 20 years

Partnership approach

A solutions-oriented partnership approach, strong customer-focus and ongoing support have made Barco the preferred partner for the majority of the leading medical modality manufacturers. Based on these core values, we design and manufacture dependable tailor-made products that will maintain your focus, differentiate your brand and accelerate your time-to-market.



Full lifecycle support

As many technology suppliers are accelerating the migration of their products to more advanced technologies, end-of-life management is becoming more and more important. Barco has been a solid healthcare display partner for over 25 years, supporting customers with highly responsive, ongoing support and high-grade end-of-life management for their solutions.

Respecting the environment



At Barco, we share your commitment to building a greener future. That's why our display products are designed and assembled with special attention for the protection of our environment and the sustainable use of natural resources.

A Six Sigma company



Our facilities are ISO 13485, ISO 9001 and ISO 14001 certified, and we are a Six Sigma company, continuously striving to improve our processes. For our customers, this translates into superior products that are delivered on time, on spec and on budget.

Profound expertise

Many years of experience in all facets of medical imaging have resulted in a profound expertise in building display solutions for numerous modalities and healthcare environments.



What can we do for you?

- CT displays
- MRI displays
- Ultrasound displays
- X-ray displays
- Nuclear medicine displays
- Patient monitoring displays
- Electrophysiology displays
- Surgical displays
- Interventional imaging displays
- Mobile point of care devices

In the field

New advanced technologies are changing the way medical professionals interact with their medical devices. In view of this evolution, we have designed customized portable displays built on a wireless platform.



Committed to **innovation**

Our engineers have access to the most advanced technologies through strategic alliances and carefully-selected, technology-driven partners. In addition, we invest 10% of annual sales in R&D. This commitment to innovation has led to a near endless list of breakthrough solutions, industry-firsts and patented technologies.



Breakthrough Barco technologies

- Backlight stabilization sensors
- LCD front sensors
- Online calibration and Quality Assurance
- Luminance uniformity technology
- Image stabilization technology
- Backlight lifetime optimization
- Image quality improvements
- Sophisticated shielding techniques
- Protective front covers
- Touch-screen technology
- Mechanical design optimization

In the field

The growing use of (multi-modality) medical images drives the demand for monitors with a larger screen size and an ultra-high resolution. To serve these needs, we have developed a 56-inch LCD display with an impressive 8.3 MegaPixel resolution and a highly intuitive user interface. The innovative product opens up new horizons in the way physicians deal with their images in the operating theater.



Focus on quality

Reliability is one of the foremost requirements of medical imaging products. At Barco, we are aware of this. That's why we apply the most stringent quality standards throughout the development of every monitor.



Advanced production line

Thanks to our advanced production line, we can manage the full display production process from start to finish. Throughout the manufacturing process, we supervise the information flow (including work sheets and assembly instructions), we ensure traceability of all components and we keep records of the adjustment and alignment parameters for each display. Moreover, we permanently monitor product quality data for prompt feedback to the production process.

In-house clean rooms

Our state-of-the-art manufacturing facilities meet the industry's most demanding requirements and are capable of producing a wide variety of custom-made visualization solutions. We benefit from an in-house clean area with a "white room" (P1000 class), a "gray room" (P10000 class) and ISO 6 rooms to assure maximum cleanliness and the absence of possible contaminants during manufacturing. If required, we have a network of trusted partners around the globe for local low-cost outsourcing.

Fully medically certified

All our products hold industry and medical product certifications and comply with best practice guidelines for medical display equipment.



Ultramodern testing equipment

Our facilities are outfitted with ultramodern testing and measurement systems for flat panel displays. In house testing facilities include ICT test beds, burn-in chambers, EMC tests, vibration tests, safety and optical testing, highly accelerated life test (HALT), and highly accelerated stress screening (HASS). All qualification tests are performed by skilled personnel using the most accurate testing equipment.

Supporting healthcare professionals a billion times per year

More than a billion times each year, Barco display solutions help physicians make life-critical decisions. Every day, they experience that Barco provides them with uncompromised diagnostic performance.

Barco presents a full range of advanced display solutions for radiology, mammography, surgery and modality imaging, along with DICOM compliant clinical displays, mobile point of care devices and custom-built displays for the world's leading original equipment manufacturers (OEM)

Barco's commitment to quality has earned the trust of customers from all over the world, who partner with Barco to meet their most demanding imaging challenges. This partnership approach is also reflected in Barco's worldwide customer service network, ensuring professional support, wherever you are, whenever you need it.

Request more information

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