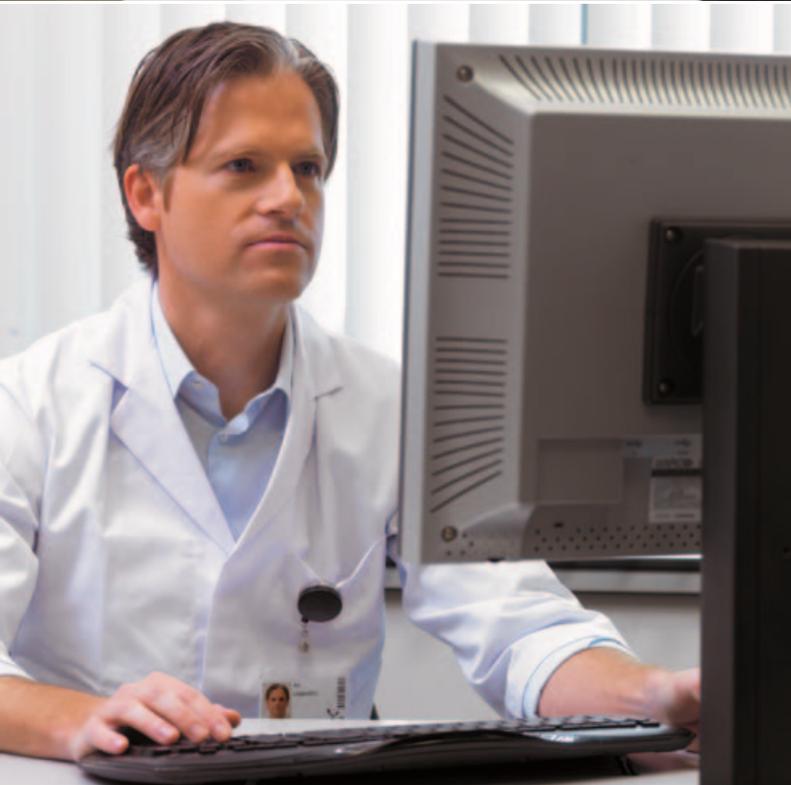


Barco clinical review displays

Consistent, calibrated images at the point of care

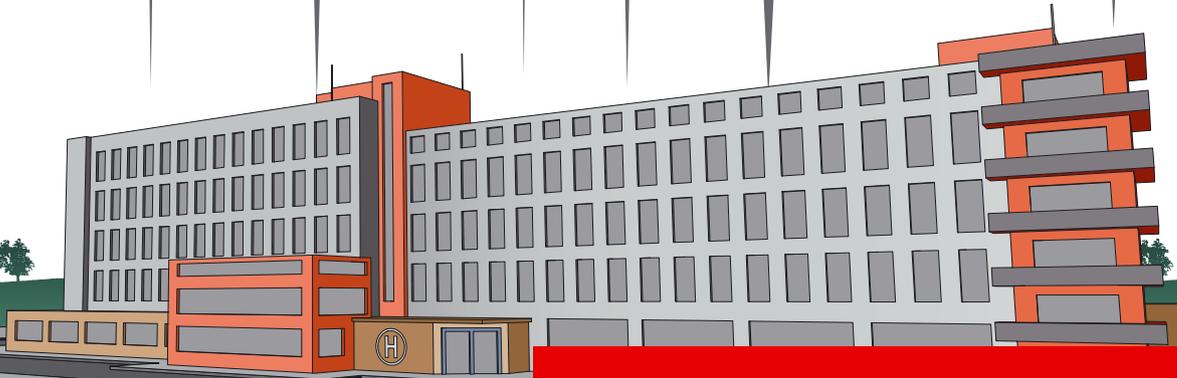
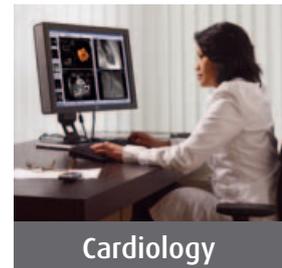
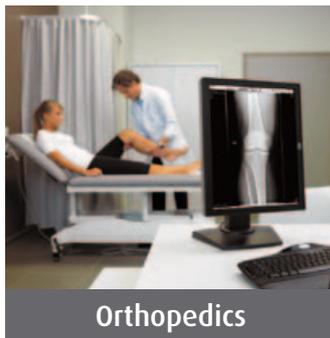
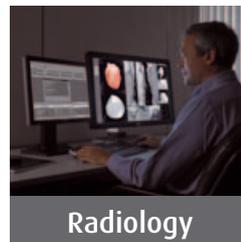
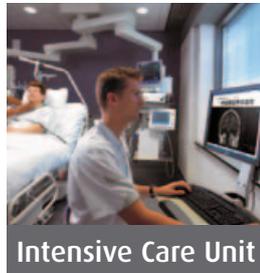


Consistent, calibrated images at the point of care

Advancements in digital imaging technology have changed the way patient data is viewed and distributed in today's healthcare facilities. Medical images, enriched with patient information, are viewed in every hospital department.

For these diverse healthcare applications, Barco has developed a full line of clinical review displays managed centrally, but located at the point of patient care, these MDRC displays support quick and confident clinical decisions, enhance hospital efficiency, and help to improve overall patient care.

- Radiology
- Pathology
- Cardiology
- Oncology
- Respiratory medicine
- Orthopedics
- Surgery
- Emergency
- Intensive care
- Outpatient clinics
- Patient wards
- Dental practices



Providing value-added benefits to...



Medical professionals

- Better representation of medical images thanks to high-quality LCD technology
- Consistent DICOM image quality throughout the hospital
- Improved user experience through intelligent ergonomics and multi-lingual On-Screen Display



PACS & IT Managers

- DICOM image quality 'out-of-the-box'
- Compliance with international and regional medical safety and emission standards
- User-friendly DICOM-calibration and Quality Assurance via Barco's Medical QAWeb solution



Purchasing Managers

- Low capital investment: optimal balance between medical image quality and purchase cost
- Low cost-of-ownership thanks to high-quality components, power saving mode and Barco warranty
- Designed, built and supported by Barco: a trusted partner for all your medical display needs throughout the hospital

One family for all your clinical needs



MDRC-1119



MDRC-2120



MDRC-2124

Dependable technology for everyday use



Professional LCD quality

Presents medical images and patient data with more accuracy, better contrast (up to 1300:1) and a wider viewing angle than conventional computer monitors.



Landscape & portrait orientation

Allows for a desktop organization that best fits your application (clinical images, reports, patient files,...).



Backlight Output Stabilization

Ensures fast power-up and continuous LCD backlight stability, resulting in long-term image consistency.



Approved for medical use

Complies with international medical safety and emission standards (such as CE, UL, etc.), qualifying the display for use in every area of the hospital.



Power saving mode

Automatically switches the display to 'sleep mode' when not being used. This results in markedly reduced energy consumption and increased lifetime of the LCD backlights.



Multi-lingual OSD interface

Makes it easy to change the display's settings in your own language (English, German, Simplified & Traditional Chinese, Korean, Japanese, etc.)



Optional protective front cover

Protects the valuable LCD panel against damage from intensive use and allows safe and easy cleaning.



User-friendly Quality Assurance

Accurate DICOM-calibration and Quality Assurance thanks to the Medical QAWeb solution.



10-bit DICOM Look-Up Table

Turns the display into an accurate display monitor for viewing medical images.

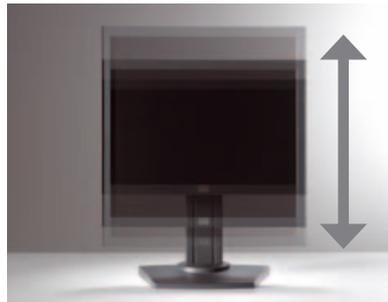


Optional touch screen interface

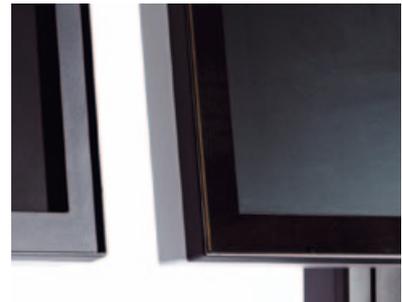
Allows the display to be used as a user-friendly input or control device (only on MDRC-1119).



Landscape and portrait rotation to create the perfect desktop environment



Easy height adjustment



Optional protective front cover for more durability and easier cleaning



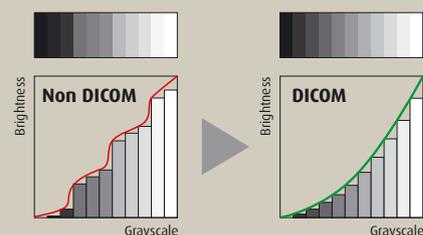
Why opt for a DICOM-compliant display?

DICOM (Digital Imaging and Communications in Medicine) is an international standard that was developed to improve the communication of digital images within radiology. This DICOM standard...

... specifies a grayscale function used to adjust the grayscale characteristics of monitors used in healthcare imaging;

... allows for PACS workstations, CT scanners, MR imagers, film digitizers, shared archives, laser printers, computers and mainframes from different suppliers to 'talk' to each other within a radiological environment.

Conclusion: opting for DICOM-compliant devices brings significant advantages. Not only does it ensure consistent image quality throughout the hospital, it also improves cost-effectiveness in healthcare.



Smooth and accurate grayscale palette, thanks to DICOM part 14 standard

To learn more about **DICOM**, download the dedicated white paper at

www.barcomedical.com
> downloads



Exceptional cost-efficiency

To deliver a high standard of care, quality patient images need to be available throughout the hospital. MDRC displays make this possible by offering consistent, high-grade image quality at a very affordable price.

Low cost-of-ownership

Barco's diagnostic and surgical displays have established a solid reputation for dependability and low cost of ownership. The new line of clinical review displays is no exception. Combining high-quality components and intelligent features such as Backlight Output Stabilization and 'power saving mode', they ensure dependable images for many years.

One trusted partner for all your medical display needs

For almost 20 years, Barco has been a trusted technology partner, supplying solutions for diagnostic, surgical and modality imaging to healthcare providers all over the globe. Barco is able to offer display solutions to all areas of the hospital, providing you with a single point of contact for all your medical visualization needs.

**Dependable image quality
for every budget**

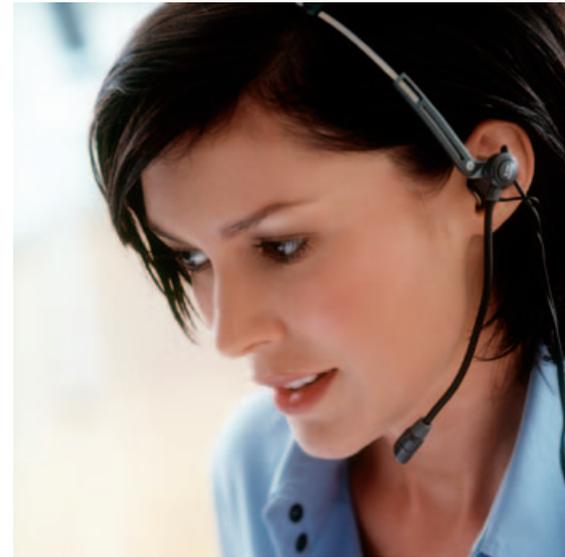
Worry-free calibration and Quality Assurance

Innovative QA solution



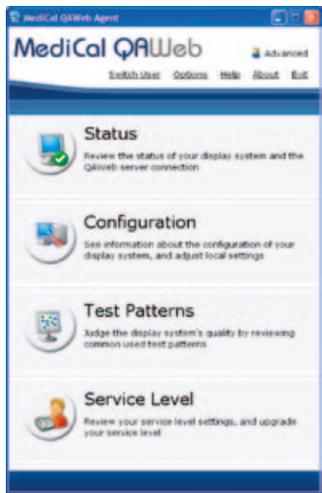
Barco clinical review displays are bundled with an innovative QA solution. In combination with an external sensor, this 'MediCal QAWeb' system provides an easy-to-use tool for calibration and QA, including a full set of visual tests and compliance tests.

Furthermore, MediCal QAWeb delivers a web-based tool for remote management of all your display assets inside or outside the hospital. A smart way to reduce operating costs and get more out of your display investment.



Effortless asset management

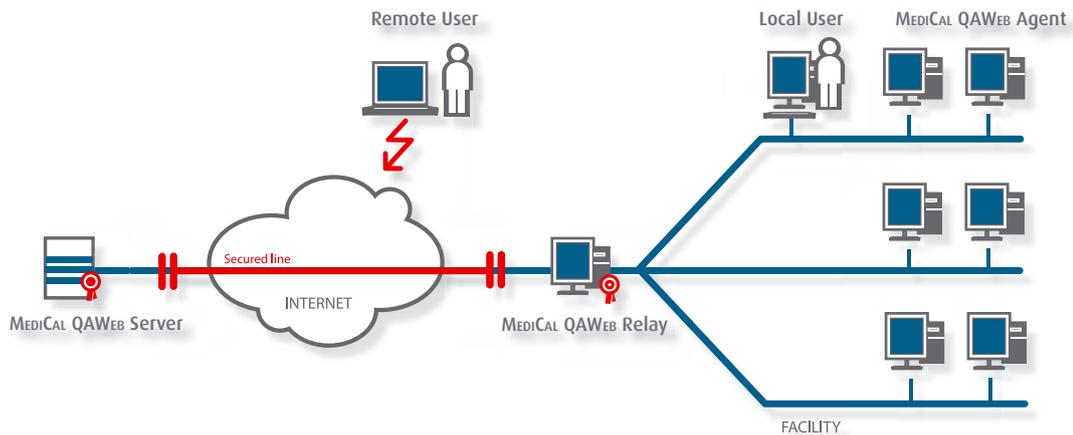
With MediCal QAWeb centralized management of medical displays becomes truly effortless. Asset management tools provide a comprehensive overview of all workstations connected to the system and notify the right person if an asset has been removed.



Complete peace of mind

Barco has established a full network of professional customer support centers. This global support organization with a strong local presence is your guarantee for professional assistance wherever you are, whenever you need it.

Easy calibration and Quality Assurance with MediCal QAWeb



Learn more about
MediCal QAWeb at

www.barcomedical.com/qa



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 review displays and mobile point of care devices.

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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In search of continuous improvement

M00189-R03-0910-MB

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