

MediCal QAWeb

Secured online service for Quality Assurance of medical displays



BARCO

Visibly yours

Ultimate peace of mind

MediCal QAWeb brings a higher level of confidence to medical imaging. Users can easily start using the system by installing the MediCal QAWeb Agent on their PACS display system. Once installed, MediCal QAWeb will constantly monitor all displays throughout the medical facility to ensure maximum availability and

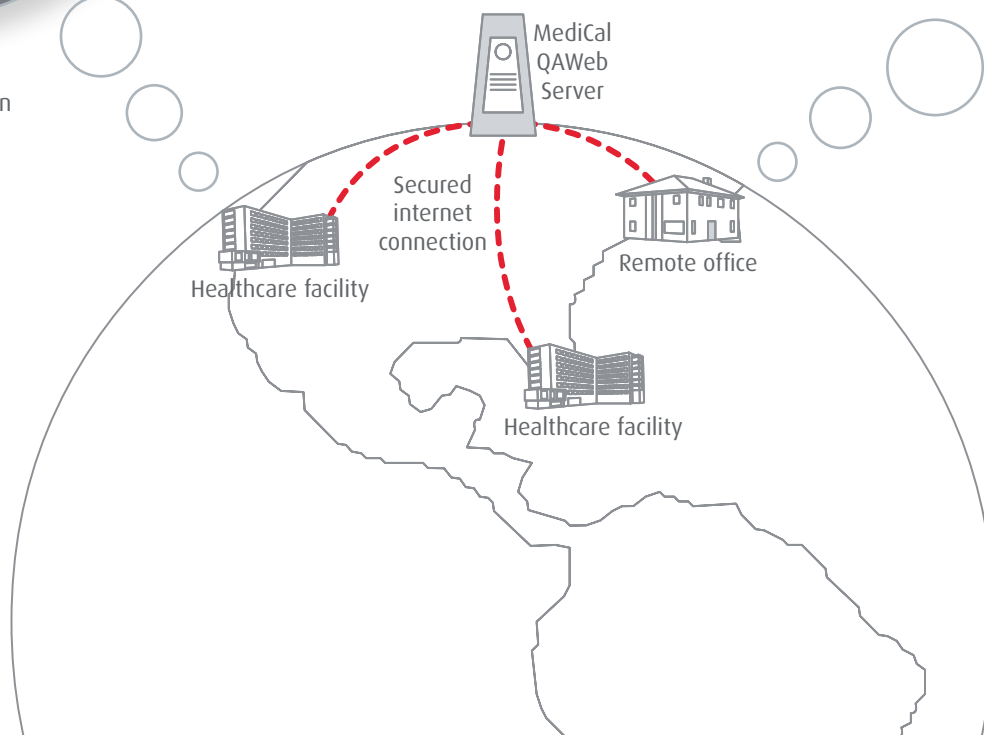
compliance with DIN-6868-57, AAPM TG18, JESRA, MQSA, IEC 62563-1 or other regional quality guidelines. Calibration and QA tasks are performed automatically in the background without interrupting the viewing process. If an issue should occur, the right person will be notified instantly.

Secure online services

MediCal QAWeb presents all benefits of an online service. The system makes use of a central server that provides users with access to all relevant QA data from anywhere at any time. The MediCal QAWeb Server is located in a secured environment. It is available on the internet via a secured connection using digital certificates.



Diagnostic confidence on every PACS workstation



Remote capabilities

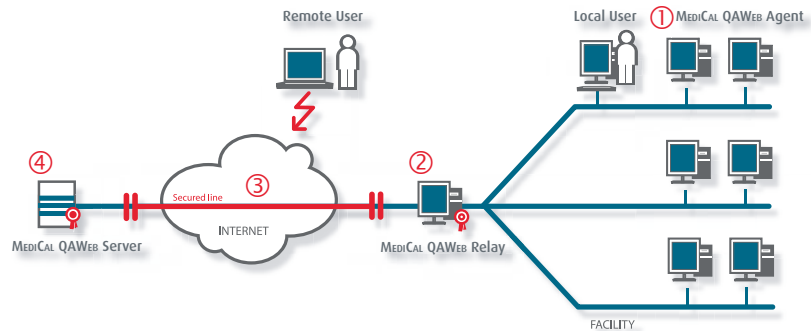
MediCal QAWeb features a wide array of remote capabilities. QA Technologists can easily log in from anywhere inside or outside the hospital and instantly check the status of every display or add a new display if required. In case of an issue, they can immediately access the MediCal QAWeb system to undertake all necessary corrective actions. No precious time is lost. Every display is available and accessible.



Remote QA administration

Security at every level

MediCal QAWeb ensures the highest level of security for medical facilities. Its architecture is based on a NEMA standard and the system complies with HIPAA security regulations.



① MediCal QAWeb Agent

The MediCal QAWeb Agent is an application that runs on every workstation throughout the hospital or radiology department as a Windows® service. Running in the background, it detects the displays and performs all calibration and QA operations at the workstation level without interrupting the diagnostic workflow. Relevant QA information is transmitted to the MediCal QAWeb Relay via an HTTP or HTTPS connection. For maximum user-friendliness, the agent is available in multiple language versions.

② MediCal QAWeb Relay

The MediCal QAWeb Relay is the heart of the MediCal QAWeb security architecture. It is the central security point for all data that is sent from the medical facility towards the MediCal QAWeb Server.

The MediCal QAWeb Relay communicates with the MediCal QAWeb Server over a secure HTTPS connection. It does not transmit any Personal Health Information. In addition, the Relay ensures an easy logging trail for HIPAA compliance.

③ Secured internet connection

Barco's MediCal QAWeb solution uses a secured internet connection, allowing QA Managers to connect to the MediCal QAWeb server from anywhere at any time. This secured line is HIPAA compliant and does not transmit any Personal Health Information.

④ MediCal QAWeb Server

The MediCal QAWeb Server resides in a secured environment hosted by Barco. The MediCal QAWeb Server is available on the internet via a secured HTTPS connection using digital certificates. It is not possible to browse through the live server using the HTTP protocol. A unique certificate and user account for every hospital prevent all unauthorized access.

Visit the dedicated
MediCal QAWeb portal at
www.barcomedical.com/qa

A new degree of confidence

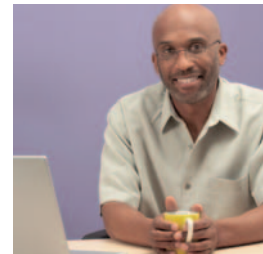
... for Radiology Managers and PACS Administrators

- Maximum availability of all workstations
- Highest diagnostic confidence
- Effortless compliance with medical standards
- Ultra-fast issue identification and automated corrective actions
- Optimum asset management and budget control from anywhere, at any time
- Full cost control thanks to easy budget reports
- Lowest cost of ownership



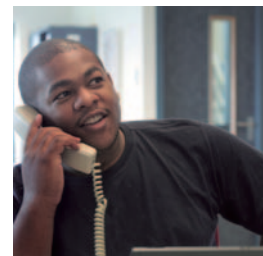
... for IT Managers

- Secure, worry-free service for all PACS displays
- Central management with minimum effort
- Fast setup with automated calibration and QA
- Notifications in case of possible issues
- Highest uptime thanks to remote capabilities from your desk or from anywhere throughout the web
- Easy compliance with internationally accepted guidelines (AAPM, JCAHO,...)
- Monthly activity reports in your mailbox



... for QA Technologists

- Central control of calibration and QA
- Intervention-free calibration and QA while radiologists can continue to work
- Rapid issue identification and prompt initiation of appropriate corrective actions
- Easy to start with a QA policy
- Complete control, no surprises
- Generic and detailed reports



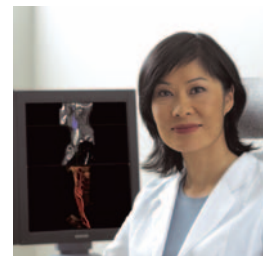
... for Physicists

- Effortless compliance with internationally accepted medical guidelines
- Automated DICOM calibration
- Central management of all calibration details
- Customizable central QA policy control with specific tests, frequencies, tolerances,...
- Detailed history reports for trend analysis



... for Radiologists

- 100% confidence in your diagnostic equipment
- Highest uptime through fast issue identification and remote support
- Continuous calibration
- Transparent QA
- Internationally accepted compliance reports



MediCal QAWeb for Service Providers

- Easy remote installation and fast setup
- Less traveling thanks to remote issue diagnosis and problem solving
- Maximum confidence for the end user
- Clearer overview on the installed base for improved service and sales planning
- Faster issue identification and correction thanks to remote access

MediCal QAWeb service levels

Service profile		Essential	Premium Software	Premium
Hardware warranty period*		5 years	5 years	5 years
Hardware single swap option*				color-matched on next business day
Software update notifications		yes	yes	yes
Software upgrades			yes	yes
Access to knowledge base and issue escalation		yes	yes	yes
Remote support		basic	extended	extended
QA profile		Essential	Premium software	Premium
Asset management	Central hardware fleet management	basic	extended	extended
	Central hardware and software asset management		yes	yes
	Issue notification and knowledge-based solutions		yes	yes
QA management	Central calibration control		yes	yes
	Central scheduling control	yes	yes	yes
	QA by functional hardware and software checks	basic	extended	extended
	QA issue notification and knowledge-based solutions		yes	yes
Report management	General reports		yes	yes
	Activity reports	yes	yes	yes
	Budget reports		yes	yes
	JCAHO reports		yes	yes
	History reports		yes	yes

All service levels are available after registration to the online MediCal QAWeb Server
* Hardware services are only available on Nio and Coronis

Request more information

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Technical specifications are subject to change without prior notice

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