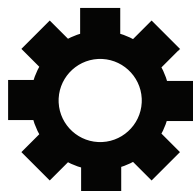




# The Checklist: What's important with Radiology Display Quality Assurance and Enterprise Management?

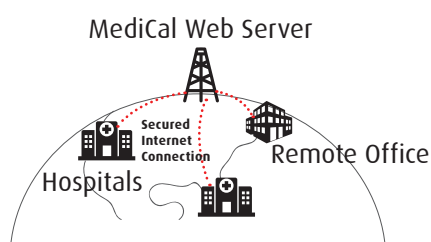


## 1. It's Automatic

Auto-Calibration • Auto-Conformance • Auto-Healing • Auto-Alerting

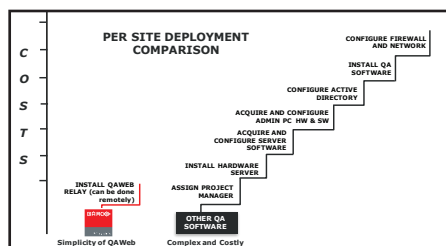
MediCal QAWeb makes it easy to support with automatic quality assurance and conformance, plus auto problem solving and self-healing to maximize uptime and minimize support requirements. Reporting to meet regulatory requirements and customized reporting for your specific needs.

**DAILY: 2.5 million QA tests** are performed; **200+ people login** to QAWeb server



## 2. Enterprise Management for Enterprise Consistency

MediCal QAWeb delivers real enterprise management, to manage centrally and remotely throughout the entire enterprise. QAWeb's **unique policy based management** lets you define specific policies for testing criteria (i.e., compliance, QA testing time frame/day) and configuration settings (i.e., calibration, ambient light control, front panel control, uniformity luminance) for each display family on an enterprise, department or individual workstation level.



## 3. Cost Effectively Deploy

**Simple, effective and easy to deploy = QAWeb**

All it takes for QAWeb is a software relay and that can even be installed remotely. Contrast that with other solutions that require substantial hardware and software investments for every site, plus cross-functional IT installation support.



## 4. Predictive Data Analytics

**Only from Barco** - minimize your capital expenses by planning for replacements based on major clinical performance requirements and standards. Prioritize capital expenses for hardware with data analytics that evaluate and compare multiple decision points such as ACR defined minimum luminance status, warranty status, End of Life, End of Service and more.

### Check it out:

Nearly **one billion QA tests** are performed annually by QAWeb.

More than **3,500 hospitals worldwide** use QAWeb.

## 5. Tested Solution

Where is it installed, you ask? Who uses MediCal QAWeb?

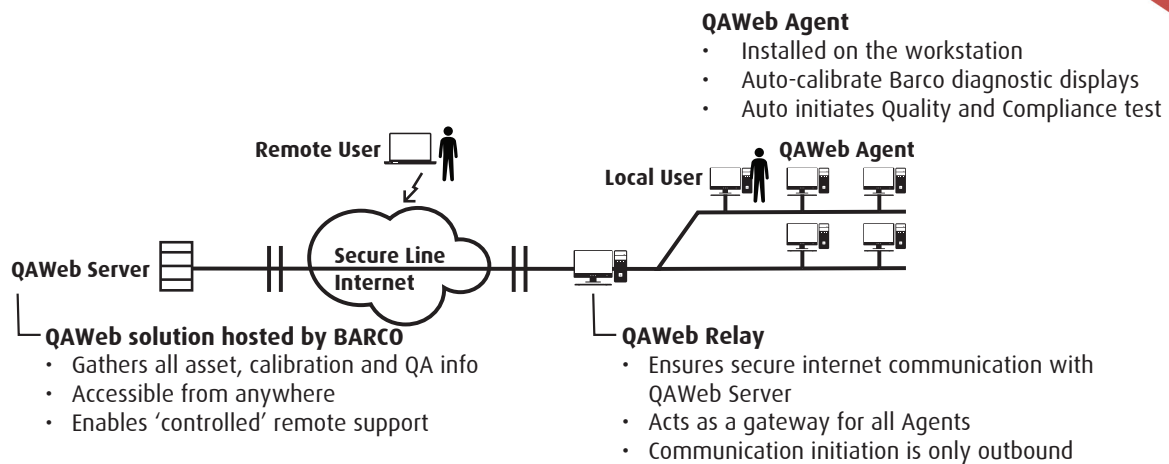
- 24 of 25 largest US Hospitals by bed size<sup>1</sup>
- 23 of 25 largest Academic Hospital Systems in US by bed size<sup>1</sup>
- 10 out of 11 top hospitals with great customer service<sup>2</sup>

1. <http://www.beckershospitalreview.com/lists/25-largest-hospitals-in-america-2015.html>

2. <http://www.beckershospitalreview.com/hospital-management-administration/11-hospitals-with-great-customer-service.html>

## 6. MediCal QAWeb Solution – the details

MediCal QAWeb has a straightforward and secure architecture with only three components:



<https://www.barco.com/en/QAWeb/QAWeb%20explained/Concept>

## 7. Security – that's a must have

The MediCal QAWeb Server delivers the highest level of security for medical facilities and complies with all HIPAA security regulations. The solution architecture uses advanced security at all levels:

### The Medical QAWeb Server

- Uses a secure HTTPS connection based on 128-bit encryption
- Has a security certificate from by a trusted authority
- Uses a unique certificate and user account for every facility, which prevents unauthorized access from another facility
- Cannot be accessed using the HTTP protocol

### The Medical QAWeb Relay

- Always takes the initiative to contact the MediCal QAWeb Server, so no real remote access is enabled
- Communicates with the MediCal QAWeb server over a secure HTTPS connection
- Does not transmit any Personal Health Information
- Features a logging trail, so that all data transfer can be traced afterwards

### The MediCal QAWeb Agent

- Uses HTTP and HTTPS to communicate with the MediCal QAWeb Relay

**The Bottom Line:** Rapid, intervention-free calibration and Quality Assurance with effortless compliance with medical standards. Ultra-fast issue identification and automated corrective actions plus optimum asset management and maximized budget control. Data analytics that support the most effective capital investments to help achieve clinical and operational performance. Enterprise management from anywhere, at any time to deliver highest uptime – all safely and securely.