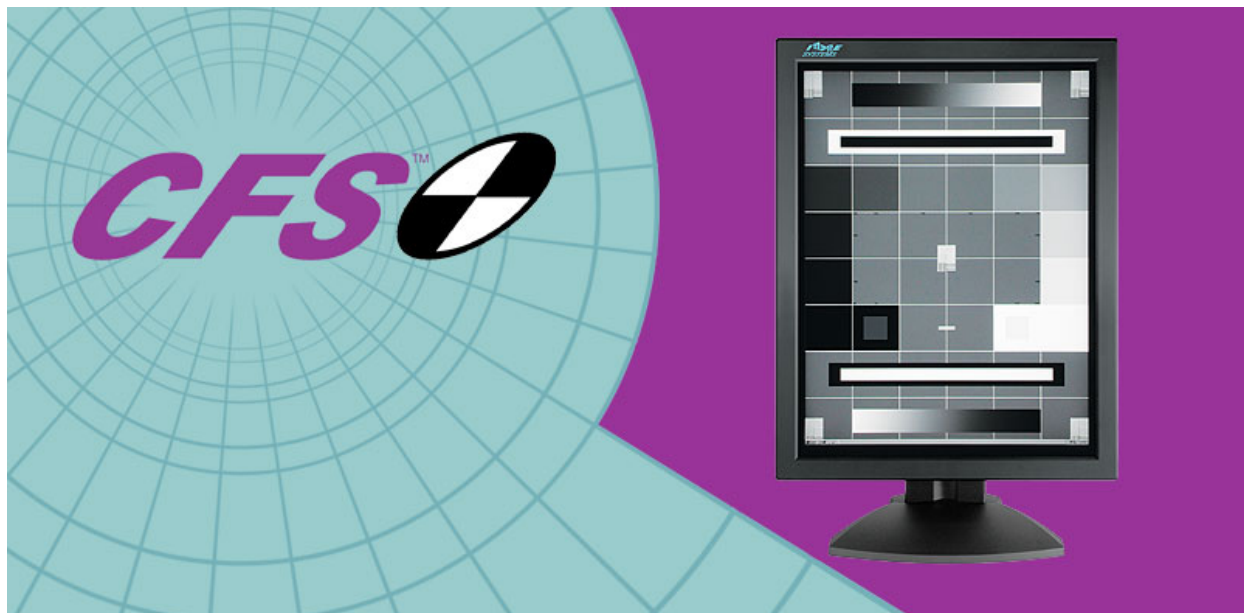


CALIBRATION FEEDBACK SYSTEM

Calibration Feedback System (CFS) is specifically designed to simplify the calibration and configuration of Image Systems' monitors. It is critical that radiology displays present accurate and consistent images. Image Systems' **CFS** is the **Calibration Feedback System** you need to ensure your displays are calibrated properly to ensure DICOM compliance.



The CFS software can be used with optional integrated luminance sensors to provide hands-free DICOM compliance testing and calibration. A built-in scheduler will initiate the testing to occur on off-hours. A log of tests is generated providing a verifiable record of compliance testing. Eliminates or reduces the need for technicians to take manual measurements.

CFS software can also be used with a precise, handheld luminance meter (puck) to measure conformance per the procedures described in the ACR/NEMA DICOM standard. A custom Lookup Table is generated and downloaded at the user site to ensure DICOM compliance.

Software Features

- Default DICOM correction and test patterns
- Manual adjustment with puck support
- Hands free DICOM compliance
- Network software is SNMP enabled

Hardware Features

- Precision photometers
- Stable brightness with internal backlight sensor
- Optional integrated retractable front sensor
- Add on front sensor

Benefits

- Saves time on calibration
- Inexpensive light meter
- Consistent images from monitor to monitor
- Administrator can view and manage status of displays remotely

Benefits

- Excellent image fidelity
- Testing can occur off hours
- Keeps entire LCD screen viewable
- Eliminates or reduces need for technicians to make manual adjustments

CALIBRATION FEEDBACK SYSTEM

Local Version

Features

- Quick view of compliance
- Set compliance targets
- Check white level & recalibrate
- Check DICOM conformance and recalibrate
- Schedule day/time for hands-free testing
- Log/Record of all activity
- Installed on local CPU where displays are attached.

Benefits

- For use in smaller installations
- Ensure displays are in calibration
- Customizable per application/site
- Ensure consistent brightness of displays
- Ensure DICOM compatibility
- Little or no user intervention after install/setup
- Proof of calibration/conformance

Network Version

Features

- Remotely monitor performance
- Remotely perform all actions
- Enables an administrator to:
 - 1.Sit back passively and be notified of “events”
 - 2.Actively query and control from a remote site
- Notification via:
 - 1.Control console – Visually shows network map, event windows and logs
 - 2.Email
 - 3.Pager
- Utilizes SNMP (Simple Network Management Protocol)
- Controlled by dongle on server

Benefits

- For use in larger multi-department/site installs
- Effective use of technician/engineer time
- No need to visit each workstation. Time saving/efficient
- Easily configure event filters to send notifications via Email, Pager, or SNMP management console
- SNMP is a powerful tool for remotely monitoring the performance of networks and network devices
- SNMP can track routers, switches, hubs, CPUs, and many other devices