

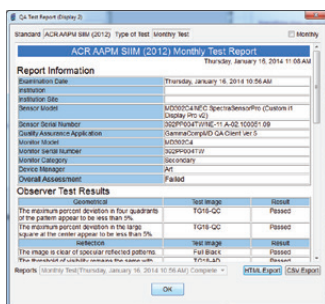
# Quality control and calibration application for medical environments

## GammaCompMD™ QA

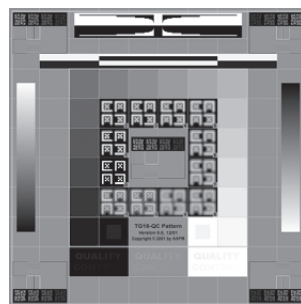
Intended for the demanding medical imaging environment, GammaCompMD QA offers quality control, calibration and display matching ensuring consistent image quality. The software works with many NEC displays including the MultiSync® MD Series to maintain the monitor's conformance to the DICOM standard while providing an easy-to-use QA environment for medical imaging.

### Key benefits include:

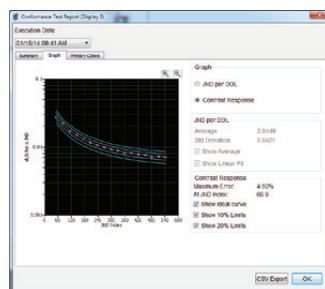
- Client software that runs on each imaging workstation to constantly manage the imaging settings for all attached displays.
- Provides simple white and grayscale calibrations, white and black luminance measurement, luminance uniformity testing and conformance testing.
- Automated scheduling of measurement, calibration and conformance testing (for displays with a display sensor).
- Match displays attached to one workstation by copying the results of white calibration and grayscale calibration from one display to another.



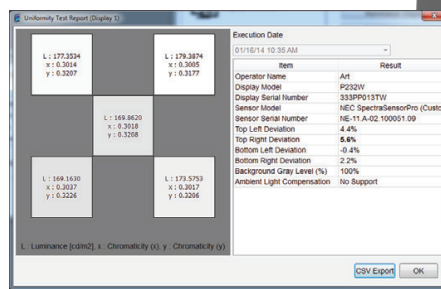
Conformance test reporting



Includes QA Test Patterns



DICOM GSD tracking



Uniformity Mapping

GammaCompMD QA is available for free download from the NEC Display Solutions website at <http://necdisplay.com/gammacompmd>

Product	GammaCompMD QA v5.x
<b>OPERATING SYSTEMS</b>	
Client	Windows 7 Professional 32 bit / 64 bit, Windows 8/8.1 Professional 32 bit / 64 bit (English, Japanese, German, French, Italian, Spanish)
Server	Windows 7 Professional 32 bit / 64 bit, Windows Server 2003 64 bit, Windows Server 2003 R2 64 bit, Windows Server 2008 64 bit, Windows Server 2008 R2 64 bit (English, Japanese, German, French, Italian, Spanish)
<b>SUPPORTED SENSORS</b>	
Display Sensors	Front Sensors: MD212MC, MD213MC, MD213MG, MD215MG, MD211G3, MD210C2, MD211C2, MD210C3, MD211C3, MD212G3, MD211G5, MDC212C2, MD302C6, MD242C2, MD302C4 Retractable Sensor: MD-N2M5B
External Sensors	MDSVSENSOR2 / i1Display version 2 by X-Rite (GretagMacbeth) (USB) MDCHROMA5 / Chroma 5 Colorimeter by X-Rite (USB) MDSVSENSOR3 / i1Display Pro by X-Rite (USB) ColorMunki by X-Rite (USB) i1Pro by X-Rite (USB) Spyder3 by Colorvision (USB) Konica Minolta CA-210 (RS-232C/USB) IBA LX Plus (RS-232C) NOTE: Color not supported Unfors Luxi (RS-232C) NOTE: Color not supported
<b>GRAPHICS CARDS</b>	
Matrox	MED2, MED3, MED5 MIL P650/64P/LP, MIL P650/64PE/LP, MIL P690/128P, MIL P690/128PEX16, MIL P690/128PEX16/LP, MIL P690/128PEX1/LP, MIL P690/256P/LP, MIL P690/256PEX16/LP (Yes) Onyx (ONX4MP-E0F) Xenia / XeniaPro G400, G450 PCI, G550 LP PCI / PCIe / LP PCIe (Yes) M9120 PCIe x16, M9120 Plus LP PCIe x1, M9120 Plus LP PCIe x16, M9128 LP PCIe x16 (Yes) TheatreVUE T20 / T30 Equinox
NVIDIA	Quadro NVS 290, 295, 300 Quadro FX 570, FX 1500, FX 1700, FX 1800, FX 3700 (Yes) Quadro 600, 2000, 2000D Quadro K Series, including K2000, K2200, K4000 GeForce GT 320, 610, GTX 660, GTX 750, GTX 970
AMD (formerly ATI)	FirePro 2260 FirePro V2270, V3700, V3800, V4800, V4900, V5600, V5700, V5800, V8700 (Yes) FirePro W Series, including W5000, W2100, W5100 Radeon HD 6450, R7 240, R7 260X
<b>DISPLAYS</b>	
MultiSync EA Series	EA193Mi, EA224Wmi, EA234Wmi, EA244Wmi, EA244UHD, EA273Wmi, EA274Wmi, EA294Wmi, EA304Wmi, EA275UHD
MultiSync P Series	MultiSync P212, P232W, P241W, P242W
MultiSync PA Series	MultiSync PA231W, PA241W, PA271W, PA301W, PA242W, PA272W, PA302W, PA322UHD
MultiSync 90 Series	MultiSync LCD1990SXi, LCD1990SXp, LCD1990SX, LCD2090UXi, LCD2190UXi, LCD2190UXp, LCD2490WUXi, LCD2490WUXi2, LCD2690WUXi, LCD2690WUXi2 LCD3090WQXi
MultiSync MD Series	MD2MD21GS-2MP (Clear Base/Blue Base), MD212MG, MD21GS-3MP (Clear Base/Blue Base), MD213MG, MD304MC, MD205MG, MD205MG-1, MD212MC, MD213MC, MD215MG, MD210C2, MD211C2, MD210C3, MD211C3, MD211G5, MD302C6, MDC212C2, MD242C2, MD302C4, MD322C8
Large-Screen Displays	Multeos M40 and M46 LCD4020, LCD4620, LCD5220, LCD6520L, LCD6520P X461UN/X461HB. P401, P461, P521 S401, S461, S52, X651UHD, X841UHD, X981UHD 1

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