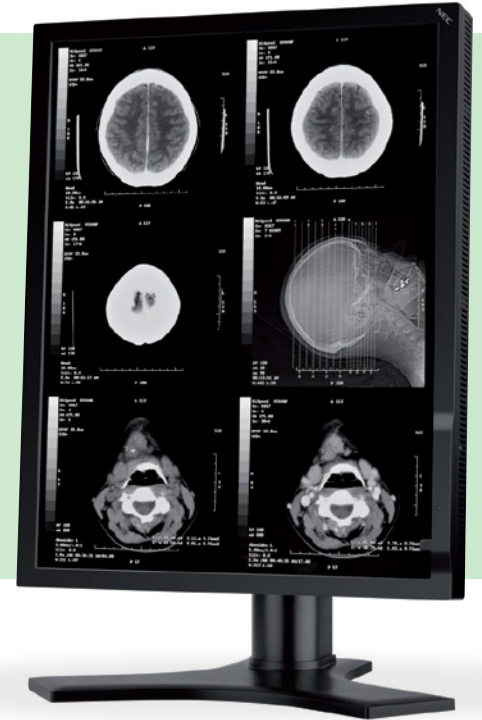# GammaCompMD QA

GammaCompMD™ QA

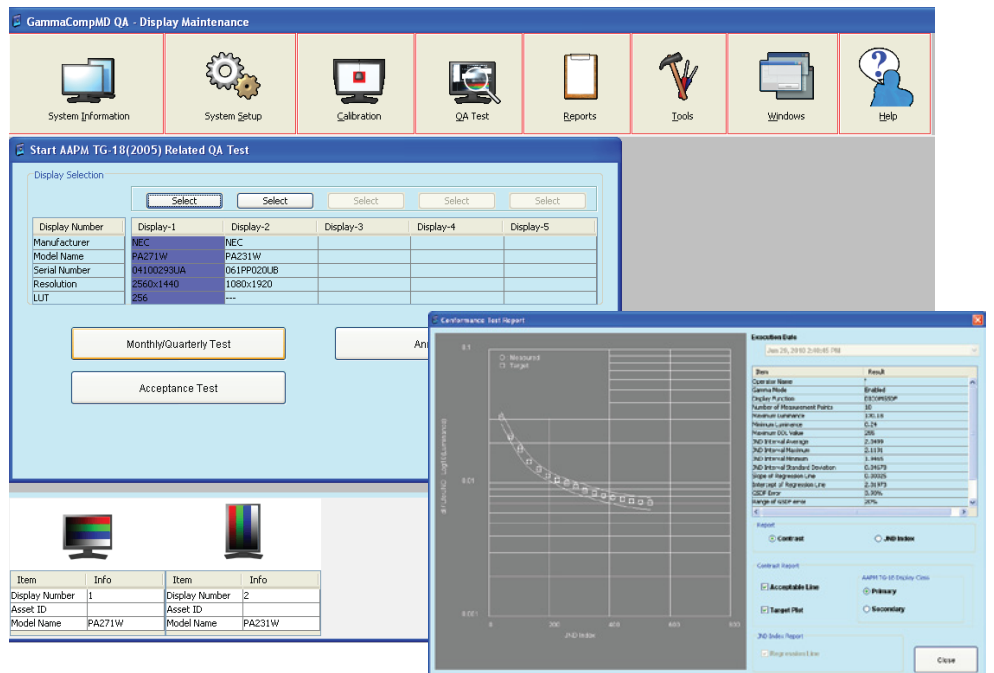### Quality control and calibration application for medical environments

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 testing for the AAPM TG18 standard (USA) for both Primary and Secondary displays, including daily, monthly and annual tests. Also supports DIN 6868-57 standard (Germany) and JESRA X-0093 standard (Japan).

- Available server software that allows network administration of multiple GammaCompMD QA clients, including remote luminance measurements, calibration and conformance testing.

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

NEC

GammaCompMD QA

	Windows
Operating System	**OS** • Windows XP 32 bit • English/Japanese • Windows Vista 32 bit English/Japanese • Windows 7 32 bit English/Japanese **Software** • Java Runtime Environment 6.0 or later • Adobe Reader 7.0 or later (for viewing help file)
Video Graphics Card	• Matrox RAD-PCI, Millennium P690, MILP 690/256P/LP • Matrox RAD-LPX/XeniaPro/Xenia/Onyx • RealVision VR Engine MD-SMD5-PCI/MD-SMD2-PCI/MD-XMD23-1A • RealVision SMD-5ADV • AMD FirePro V3700/V5700/V5800 • AMD FireMV 2260(FMV226-256ER16/FMV226-256PR) • ELSA QuadroNVS 295/290(ENVS290-256ER16)/280(ENVS280-64PR) • ELSA GLADIAC 584GSLP(GD584-256ERGL2) • NVIDIA Quadro FX570/1700/1800/3700 Quadro 2000/2000D/4000 • Buffalo GX-HD2400/P256

Displays

MultiSync 80 Series:
- MultiSync LCD1980SXi
- MultiSync LCD1980SX+
- MultiSync LCD1980FXi
- MultiSync MD19C-1MP
- MultiSync LCD2180UX
- MultiSync MD21C-2MP
- RDT191H
- MD191C1P
- Ux21LCD
- RDT211H
- MD211C2P

MultiSync PA Series:
- MultiSync PA231W
- MultiSync PA241W
- MultiSync PA271W
- MultiSync PA301W

MultiSync 90 Series:
- MultiSync LCD1990SXi
- MultiSync LCD1990SXp
- MultiSync LCD1990SX
- MultiSync LCD2090UXi
- MultiSync LCD2190UXi
- MultiSync LCD2190UXp
- MultiSync LCD2490WUXi
- MultiSync LCD2490WUXi2
- MultiSync LCD2690WUXi
- MultiSync LCD2690WUXi2
- MultiSync LCD3090WQXi

MultiSync MD Series:
- MD21GS-2MP (Clear Base/Blue Base)
- MD212MG
- MD21GS-3MP (Clear Base/Blue Base)
- MD213MG
- MD304MC
- MD211GS2P
- MD211GS3P
- MD205MG and MD205MG-1
- MD212MC
- MD213MC

Large Format and Multeos (MFM) with LUT:
- Multeos M40 and M46
- LCD4020 and LCD4620
- LCD5220 and LCD6520L/6520P
- LCDX461UN/X461HB
- LCD P401 and P461
- LCD M401 and M461 (Planned)
- LCD S401 and S461
- LCD S521 and P521

OEM Monitor
- AVM2N0N
- AVM3N0N
- AVM5N0N
- AVC4N0N
- AVC2N0N
- AVC3N0N
- AVM3N1N

NEC