



## EIZO Announces a New 3MP LCD Monitor for a More Reliable Imaging Solution

*RadiForce® GS310 with EIZO's "Digital Uniformity Equalizer" for softcopy diagnosis imaging*



Vienna, Austria, March 3, 2006 – Eizo Nanao Corporation (“EIZO”) today at the European Congress of Radiology (ECR) EXPO C booth #314 will unveil the new RadiForce 3 megapixel monochrome LCD monitor. The GS310 provides for accurate diagnosis in medical imaging applications including PACS, chest radiology, CT (computed tomography), and MRI (magnetic resonance imaging). RadiForce GS310 and are scheduled for worldwide availability in spring 2006.

Product innovations include Digital Uniformity Equalizer (DUE), which enables compensation for luminance non-uniformity. Due to unique characteristics of the backlight and liquid crystals, the luminance of LCD monitors is uneven across the image display, and luminance distribution varies from monitor to monitor. To compensate for these inconsistencies, the luminance level of each monitor is measured at EIZO’s factories in Japan and then DUE adjusts the luminance according to the measured data. This unifies any luminance discrepancy in the image display and between monitors in a multi-panel environment. Additionally, luminance uniformity is an important factor within quality control standards and guidelines, such as AAPM, DIN, JESRA and IEC for monitors used in diagnostic imaging.

Furthermore, other advantages of DUE are total cost of ownership (TCO) and prolonged lifetime. Over time, the maximum luminance and luminance distribution across the display deteriorate. DUE enables monitors to maintain luminance uniformity for an extended period of time providing reliable diagnosis with minimized cost.

The GS310 also comes with a CAL Switch function, where calibration modes can be selected for any specific image, such as CR and CT, from the front panel buttons. Furthermore, with ScreenManager Pro for Medical installed, auto-calibration mode setting is possible with the function Auto CAL Switch.

EIZO offers both MED3mp-PPP and the VREngine SMD5-PCI for the RadiForce GS310. Both boards contain twin DVI-I outputs and support both portrait and landscape viewing without the need for additional software.

### Additional Features

- Compatible with EIZO’s remote calibration device “Clip-On Swing Sensor” using EIZO’s quality control software RadiCS and RadiNET Pro.
- Compliance with stringent medical, safety, and EMC emissions standards including TÜV/GM, the CE Medical Device Directive and cTÜVus.



- Available in both clear base and blue base.
- ScreenManager Pro for Medical bundled utility software allows handling of OSD functions.
- Various flexible arm-mounts and wall-mounts.

EIZO's Compliance with ISO13485 and the combination of RadiForce medical monitors, QC software RadiCS and RadiNET Pro, provides the clearer, smarter and better choice for any medical facility tackling the task of adapting to the filmless environment. For further information regarding all of EIZO's RadiForce Medical Monitor Solutions can be found at EIZO's medical imaging website: [www.radiforce.com](http://www.radiforce.com)

#### About EIZO

Eizo Nanao Corporation is a leading global manufacturer of high-end visual display products with a wide range of LCD monitors, and Windows-Based Terminals (thin clients). The image quality, long-term reliability, and innovative features of EIZO monitors make them the product of choice in many financial trading rooms, hospitals, back offices, and design studios throughout the world. EIZO is based in Japan and represented in over thirty countries by a network of exclusive distributors.

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