



EIZO to Exhibit Wide Color Gamut 22.2-inch LCD Monitor at drupa 2004
Adobe® RGB color space support and EIZO-developed integrated circuit provide accurate rendition of a vast range of colors

Matto, Japan, April 30, 2004 – At drupa 2004 (May 6th to 19th in Düsseldorf, Germany), the world's premier trade show for the printing industry, Eizo Nanao Corporation ("EIZO") will introduce an engineering sample of a 22.2-inch LCD monitor with a wide color gamut that covers the Adobe RGB color space. This vast range of displayable colors gives professionals in graphic design, photography and printing both a much truer representation of their images as well as accurate color matching with other peripherals compared to conventional monitors. EIZO further enhances the color performance with its latest ASIC (application specific integrated circuit), featuring 14-bit calculation for balanced and accurate rendition of color and grayscales tones, especially in the darker areas of an image.

"Recent trends in digital proofing, digital photography, and other fields call for monitors with a more extensive color gamut so color graphics professionals can see a true representation of their images on screen," said Kunihiro Arata, general manager of EIZO's Overseas Sales & Marketing Department. "EIZO's wide color gamut LCD monitor expands the range of displayable colors while setting new benchmarks for image quality, usability, and performance."

With full support for the Adobe RGB color space and 96% for NTSC, EIZO's wide color gamut monitor offers a greater range of displayable colors – in particular saturated greens and cyans – compared to conventional monitors, which typically have a color gamut approximately equal to the sRGB color space.

This wide color gamut monitor should be a boon to monitor-based proofing which is quickly becoming an alternative to film-based proofing as graphics professionals and their clients continually seek to cut costs and shorten production times. The Adobe RGB color space covers the color gamut available from most CMYK printers, so graphics professionals can adjust color and be confident that what they see on screen will match the printed product. Additionally, many high-end digital cameras include an Adobe RGB mode, so photos taken in this mode can be reproduced on screen without color loss.

LCD technology has made significant gains in closing the image quality gap with CRT monitors in recent years. However, one area where LCD monitors still lag behind is in the display of darker tones, which can often exhibit banding. EIZO brings the display of these darker tones into line with CRT monitors with its newly developed ASIC. This integrated circuit features 14-bit calculation to produce a palette of 1,021 tones for red, green, and blue from which the most appropriate 256 are displayed.

The wide 22.2-inch screen and 1920 × 1200 resolution displays two A4 sized documents simultaneously at 100% size with additional room for a tool palette. This saves time for pre-press and color proofing as imaging professionals can see their work at actual size without having to move windows and palettes around the desktop.

EIZO expects to begin mass production of this wide color gamut LCD monitor in October of this year. It will become the flagship model in the company's ColorEdge series of LCD monitors targeted specifically for color graphics professionals. EIZO is developing a new version of its ColorNavigator™ calibration software, which will provide hardware calibration of the monitor when used with EIZO's CX1 colorimeter or select GretagMacbeth® Eye-One® products.



The EIZO booth at Drupa 2004 will be located in Hall 6 Booth E76.

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. The image quality, long-term reliability, and innovative features of EIZO monitors and WBTs make them the products 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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