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Matrox Partners with Goma Elettronica SpA to Develop Advanced Workstations for Mission-Critical Applications

Matrox P-Series, M-Series, and Extio Series multi-display graphics solutions power GOMA industrial workstations for defense, industrial, and transportation environments

Montreal, Canada, November 12, 2009/PRNewswire/—Matrox Graphics Inc., the leading manufacturer of specialized graphics solutions, and Goma Elettronica SpA, today announced a partnership to develop customized [workstations](#) for defense, industrial, and transportation environments. Goma has validated the Matrox [M-Series](#), [P-Series](#), and [Extio Series](#) multi-display graphics solutions with their industrial PC product line and will be showcasing these technologies at [Focus Embedded 2009](#) on November 17th in Milan, Italy.

Actively involved in the deployment of railway [control room](#) systems for the visualization of synoptic maps, Goma recently incorporated Matrox M-Series Dual and QuadHead cards to run six digital monitors—at resolutions 1920x1200 per display—from a single PC. The M-Series cards were able to satisfy customer workspace requirements because the solutions offered both PCIe x16 and x1 bus types, complying with PCI Industrial Computer Manufacturers Group (PICMG) standards that permit only one single PCIe x16 expansion slot on the backplane. In another interesting transportation application, Goma selected the Matrox P690 as part of a [two-monitor avionics graphics console](#) for installation on a Falcon aircraft. The graphics solution was selected based on performance, dimensions, weight, power dissipation, and long life requirements, to enable mission data management and visualization operations at altitudes of up to 25,000 feet.

"Matrox has been working closely with Goma Elettronica to satisfy their customer's unique graphics requirements for installations running high-end, mission-critical applications," says Samuel Recine, Business Development Manager, Matrox Graphics. "This cooperation allows Goma to build reliable, multi-display workstation platforms so mission-critical operators never have to worry about system performance."

"Matrox offers a broad portfolio of products designed for the specific requirements of process automation, rail management and other mission-critical systems. With form factors ranging from PCI to PCIe x1 and PCIe x16 across many product families, Matrox solutions are compatible with a variety of specialized systems," states Irene Gozzo, Sales & Marketing Manager, Goma Elettronica SpA. "This, plus display drivers that offer industry-leading capabilities, with the ability to support multi-board configurations with up to eight displays—to power up to 8 displays—provide us many options when designing Goma Elettronica Industrial PCs."

About Goma Elettronica SpA

Goma Elettronica is a leading embedded system integrator targeting the industrial, defense, and telecommunications market. The solutions we design combine commercial off-the-shelf (COTS) products available from selected international partners, with original electronic building blocks and mechanics of our own production. Our business model is quite unique, since we deal with custom equipment manufacturing and standard products distribution simultaneously. All delivered products are put through our in-house laboratory testing shock and vibrations, temperature and humidity, EMC emissions, and thermal issues.

For more information, [visit Goma Elettronica SpA](#).

About Matrox Graphics Inc.

Matrox Graphics is a leading manufacturer of graphics solutions for professional markets. In-house design expertise, top-to-bottom manufacturing, and dedicated customer support make our solutions the premier choice in industries that require stable, high-reliability products. Matrox is a privately held company headquartered in Montreal, Canada.

For more information, [visit Matrox Graphics](#) or [contact Matrox Graphics](#) directly.