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Matrox Graphics Unveils IP Video Decoding Accelerator for Surveillance Systems

Matrox VDA-1164 provides hardware acceleration for decoding and displaying up to 16 D1 or 64 CIF streams at full frame rate on up to four HD displays

ITS World Congress 2008, New York - Nov 17, 2008 /PRNewswire – Matrox Graphics Inc. announces the Matrox VDA-1164—a video decoding accelerator designed for use in workstations running video management system (VMS) software. The VDA-1164 uniquely offloads the system CPU supporting concurrent hardware decoding of multiple IP video streams in a variety of resolutions and encoded formats, which can be viewed on up to four HD monitors.

"The Matrox VDA-1164 provides the unique ability to simultaneously decode multiple streaming video formats from a variety of sources—completely independent of the CPU—with first-rate image quality and no dropped frames," stated Alain Thiffault, Business Development Manager, Matrox Graphics Inc. *"This board set maximizes responsiveness from the PC by completely offloading the video decoding function from the CPU, enabling it to focus on other tasks, such as access control. This, along with its ability to support a variety of IP cameras and encoders from leading manufacturers, makes the VDA-1164 a flexible solution for integrators of video management systems."*

Ideal for stand-alone video surveillance systems, or control room operator stations running video and situation management software to monitor large-scale IP security networks, the VDA-1164 comprises two add-in boards: a PCI-X video decoding board and a PCIe x16 quad-output board. This board set completely alleviates the burden of decoding multiple IP video streams—up to 16 D1 or 64 CIF—at the same time from the host CPU. For swift integration of new network devices, the VDA-1164 ships with an easy-to-use SDK that VMS software vendors can use to support the VDA-1164 within their applications.

Matrox is demonstrating the VDA-1164 and other Matrox multi-display solutions for transportation management systems at the 15th World Congress on ITS in New York until Nov. 20th; Booth #433.

Matrox will be demonstrating the VDA-1164 and other advanced multi-display solutions for large-scale display walls, digital signage and monitoring stations at InfoComm Asia in Hong Kong from Nov. 19th - 21st; Booth 7A1-01 in Hall 7

Availability and pricing

Matrox VDA-1164 will be available Q1/2009. Pricing and sales information: 514-822-6366, security_solutions@matrox.com

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 Matrox 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: www.matrox.com/graphics or [contact us](#).