

Matrox to Power Ground-Breaking AV-over-IP Ecosystems and Workflows at ISE 2019

Setting a new standard with best-in-class AV/IT signal distribution and management on standard one Gigabit Ethernet networks

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MONTREAL — 21 January 2019 — At Integrated Systems Europe 2019 (stand #11-D120), Matrox® will reveal its complete multi-award-winning, IP-based portfolio, demonstrating world-class capture, streaming, recording, extension, switching, decoding, display, and control on a one Gigabit Ethernet network. Featuring [Matrox MaeveX](#) dual and quad 4K enterprise encoders, [Matrox Mura IPX](#) capture/encode/decode and multiviewer cards, [Matrox Extio 3 IP KVM](#) extenders, [Matrox Monarch](#) LCS and HDX streaming and recording appliances, and Matrox Monarch EDGE 4K contribution and remote production encoders, visitors will discover how these game-changing building blocks seamlessly address the most demanding IP requirements for today's networked AV applications and workflows.

Control room collaboration over IP

Matrox MaeveX 6150 quad 4K enterprise encoder appliances, Matrox Mura IPX video wall cards, Matrox Extio 3 IP KVM extenders, and Matrox C-Series multi-display graphics cards will combine to replicate a complete control room ecosystem. Matrox technologies will capture and share IP, physical, and PC content between operators, between operators and a video wall, and between local and remote display walls.

Multi-channel 4K live streaming and recording

Matrox MaeveX 6150 and MaeveX 6120 enterprise encoders will deliver multi-4K content to Mura IPX 4K multiviewer and MaeveX 5150 Full HD decoder endpoints, to cloud and internet services, and local and networked storage for recording—all simultaneously.

4K desktop capture and encoding

Matrox Mura IPX capture cards will exhibit the most advanced capture, encoding, and decoding capabilities from a single card by streaming and recording desktops, entire video walls, and selected regions of interest—with pixel-for-pixel or scaled-down representation of the display wall—over LAN or internet.

IP KVM extension and switching

Matrox Extio 3 IP KVM extenders will demonstrate exceptional 4Kp60 4:4:4 and quad 1080p60 4:4:4 performance over a standard Gigabit Ethernet network—at unprecedentedly low bitrates—while illustrating a scalable and cost-effective KVM matrix over IP to securely route any system to any remote location on the network.

Multi-streaming and recording for Panopto's video platform

A Panopto-dedicated, plug-and-play media capture appliance, the Matrox MaeveX 6020 Remote Recorder will showcase best-of-breed live streaming and recording functionality unique to the

Panopto™ video platform. Benefit from simultaneous dual Full HD live streaming video, and multiple recordings of different qualities per input, with the addition of near-silent operation, one-touch recording controls, and more on a dedicated, single-purpose appliance.

Lecture capture for every classroom

Matrox Monarch LCS appliances will highlight the ease with which higher education IT administrators can readily integrate these encoders into today's most popular open video and learning management systems, including Ensemble Video, Kaltura™, Presentations2Go™, TechSmith Relay, UbiCast, and more. Discover how operators can easily define profiles for live streamed and recorded lectures by mixing camera and presentation material, and once configured, can be managed by anyone at the push of a button.

Social media webcasting with local recording

Matrox Monarch LCS and Monarch HDX Full HD appliances will reveal live webcasting made simple by streaming from multiple HDMI and SDI sources to Facebook Live, YouTube, and content delivery networks (CDN)—with multi-camera production value—while simultaneously recording to a second location. Attendees will also witness first-hand a technology preview of the Matrox Monarch EDGE 4K contribution and remote production encoder with 12G-SDI and SMPTE ST 2110 connectivity.

About Matrox Graphics Inc.

Matrox Graphics is a global manufacturer of reliable, high-quality ASICs, boards, appliances, and software. Backed by in-house design expertise and dedicated customer support, Matrox products deliver stellar capture, extension, distribution, and display. Engineering high-quality products since 1976, Matrox technology is trusted by professionals and partners worldwide. Matrox is a privately held company headquartered in Montreal, Canada. For more information, visit www.matrox.com/graphics.

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