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tvONE launches enhanced CORIOmaster at ISE 2019

Margate, Kent, UK, 10 January 2019 - tvONE (tvone.com), a leading designer and manufacturer of cutting-edge video and multimedia processing equipment, is launching a new, enhanced CORIOmaster video wall processor at ISE 2019 (Stand 1-M140). The stand will also feature the award-winning CORIOview 4K multi-window processor and a HDMI 2.0 family of products including an ultra-thin auto switcher, a new line of active optical cables, and a new matrix switcher series.

A major release of multiple enhancements for the [CORIOmaster](#) video wall processor includes a secure communication suite with full REST API and multi-user control. Other improvements include an HDMI 4-port output module (CM-HDMI-SC-4OUT), audio support for the CORIOmaster and CORIOmaster mini for embedded audio, and a dedicated audio module (CM-AUD-2IN-4OUT).

Secure communication protects your installation from outside interference. In these security-conscious times, rest assured that your video wall will only ever show what you want to show. The HDMI 4-port output upgrades your C3-540 CORIOmaster to up to 56 outputs, making massive video walls, projector edge blends, and LED installations easy and smooth. The new embedded audio support and audio module ensure the CORIOmaster is supreme when you need both video and audio in an installation. The IP streaming now accepts both H.264 and H.265 (HEVC) for higher quality and bandwidths. All modules are shipping at the time of ISE.

Also on the stand is the award-winning [CORIOview](#), an ultra-compact, next generation 4K multi-window processor that allows for each of its eight inputs to be viewed in any of the eight video windows. With ultra-low latency, it makes the ideal solution for blended applications with IP streaming, AV, broadcast, and legacy inputs, and embedded or S/PDIF audio outputs. This easy to use plug and play solution features 16 front panel buttons for selecting presets and sources. Other enhanced features include smart labels and borders.

Another product on display at ISE 2019 is the tvONE [1T-SX-654](#) HDMI 2.0 auto-switcher with four HDMI video inputs and one HDMI output, now shipping. This ultra-thin 4x1 switcher supports video resolution up to 4Kx2K@60Hz 4:4:4 HDR and provides 18 Gbps of high bandwidth. Audio functionality includes multi-channel support, de-embedded digital stereo audio to provide an analog

output, or an audio return channel (ARC) for transmitting audio back to the HDMI input from the connected display.

tvONE will also be showcasing its new line of now shipping active optical cables, featuring DisplayPort™ 1.4 active optical cables ([MG-AOC-88x](#)) and HDMI 2.0 active optical cables ([MG-AOC-66x](#)). The cables provide a simple, robust solution for extending ultra-high resolution over long distances. These plug and play active optical cables are provided in a drum for easy installing and provide video and audio extension with no compression or latency up to 100 m (328 ft), without the need for external power.

On our stand you will also find our [MX-65xx](#) matrix switcher series. The series, now shipping, allows you to send HDMI 2.0 (with HDCP) to multiple devices, both independently and simultaneously. Choose from an intuitive front panel, infrared remote control, or tvONE's control software, MX-tools. The matrix switcher series complies with HDCP 2.2, and supports 3D, and 4K2K@60 4:4:4 8 bit and 10-bit processing, for superior deep colour rendering. Audio support includes 7.1 audio, including DTS-HD and Dolby® TrueHD.

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About tvONE

tvONE is a world class developer and manufacturer of video conversion and AV signal distribution technology, with offices in the US, and R&D and manufacturing facilities in the UK. tvONE provides a complete line-up of products and services for the professional AV, broadcast video, and digital signage markets. Following the global merger of tvONE and Magenta Research in July 2013, the company tvONE now encompasses these two superior brands under one umbrella.

The tvONE brand specialises in video, audio, and multimedia processing equipment, based on its proprietary CORIO® video conversion technology. Products include all-in-one system solutions, windowing processors, scan converters, seamless switchers, video scalers, up/down/cross converters, analog-digital converters, including SD/HD-SDI, HDMI, and DVI, format converters, and standard converters.

Magenta Research is the industry-recognised brand for the transmission, switching, and flexible distribution of multi-format video, audio, and auxiliary signals over fibre and Cat-X cabling. Products include AV extenders, distribution amplifiers and matrix switchers for DVI, HDMI, VGA, and component, composite, s-video, audio, USB, and RS-232 signals.

For further details visit tvone.com