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FOR IMMEDIATE RELEASE:

tvONE debuts the ultimate KVM at ISE 2020

*Magenta Pathfinder KVM supports zero latency,
true 4K60 and HD performance with thousands of end points*

Margate, Kent, UK– tvONE™ (www.tvone.com), a leading designer and manufacturer of cutting-edge video and multimedia processing equipment, announces that ISE 2020 (1-M110) will be the European debut for Magenta [Pathfinder](#), the ultimate KVM solution with zero mouse latency.

Magenta Pathfinder provides a scalable, zero latency, KVM (Keyboard, Video, Mouse & transparent USB 2.0) extension and switching solution for 4K and HD sources capable of more than 3,000 high-quality endpoints using standard IT network switches.

Pathfinder Cross-Click and WindowView features deliver exceptional usability. Cross-Click allows users to view and control up to 16 PC's at a single workstation with zero lag and no additional hardware by simply gliding the mouse across multiple monitors to the PC screen the user needs to control. WindowView allows users to split a 4K monitor into a quad view to control and view multiple PCs using only a single keyboard and mouse. Combine Cross-Click and WindowView on a single workstation to create a powerful, efficient and clean workflow. Other advanced features include support for multi-head desktops and the ability to create user groups and individually defined rights to manage access to key data, along with best in class security options like no 'backdoor' access and USB lock out.

Mark Armon, Product Manager of tvONE, says, "Pathfinder delivers the performance required to support the extreme demands of mission-critical control and collaboration including medical, live broadcast and control room operations, whilst remaining intuitive and simple to set up and use. Its performance is truly exceptional providing exact and artefact-free HD and 4K video which is also flicker and stutter free. We are excited to have the opportunity to show Pathfinder to our European customers."

Pathfinder offers plug-and-play setup on standard Cat6 or fibre optic network systems with no configuration of end points. It can extend and mix 4K and HD sources creating a flexible, wide-reaching KVM matrixing solution, making Pathfinder ideal for hospitality, education, retail, command centre and other applications. The use of standard network switches not only minimises total cost of ownership, but also enhances security, as it allows customers to benefit from the latest IT security advances and easy access to advanced communication protocols.

tvONE is offering Magenta Pathfinder in two configurations. The Pathfinder 800 series offers DisplayPort 1.2 support at 4K60 at 4:4:4 at a data rate of up to 10Gbps and the Pathfinder 500 series offers DVI-I, HDMI and VGA support at a 2K60 with HDCP1.4 at a data rate of 1Gbps.

A standout visual feature of Pathfinder is that the hardware encoders and decoders are encased in the color magenta, representing our support of breast cancer awareness and the pink ribbon. tvONE happily makes a donation towards breast cancer research for each unit sold. Learn more [here](#).

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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, analogue-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