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- For immediate release -

Nevion integrates TICO lightweight compression into its Virtuoso product line.

Nevion is now an adopter of the ultra-low latency TICO compression technology developed by intoPIX, enabling high resolution video over IP networks.

IBC 2017, Amsterdam, the Netherlands – September 15, 2017 – intoPIX, an innovative technology provider of video compression solutions, welcomes Nevion, one of the world's leading providers of media transport solutions for broadcasters, amongst the rapidly increasing list of TICO-enabled equipment manufacturers and solution providers.

Submitted as SMPTE RDD35, TICO is an advanced, visually lossless compression technology designed to be the standard for moving live content efficiently over IP networks. Widely used in the broadcast industry, TICO is a disruptive technology enabling compatibility and interoperability between manufacturers and broadcasters.

Nevion is adding TICO capabilities as a media function to its Virtuoso software-defined media node. Virtuoso provides real-time IP adaptation, compression, protection, monitoring, aggregation and signal processing functionality, which can be changed and upgraded through software.
The new Virtuoso media function enables TICO UHD/4K encoding and decoding for transport over 10GE/IP or 3G-SDI video links, with a visually lossless 4:1 compression ratio and a latency of a few milliseconds. The Virtuoso solution offers multi-channel bidirectional TICO UHD/4K compression in a compact 1RU media server.

"We are seeing a growing interest in UHD/4K in live production amongst our customers," explains Johnny Dolvik, Chief Product and Development Officer at Nevion. "One of the big challenges for broadcasters and service providers is the bandwidth required to transport UHD/4K video signals. TICO compression enables them to transport pristine quality video using the same bandwidth as currently used for uncompressed 3G high definition with a minimal effect on latency. So adding TICO to Virtuoso's existing JPEG 2000 and H.264 compression capabilities made a lot of sense for Nevion."

"Nevion's decision to extend its technology portfolio for the Virtuoso platform with TICO compression capability, marks yet another important step in facilitating the adoption of the new UHD/4K workflows by the broadcast industry. Whether implemented on the new IP networks or existing 3G-SDI infrastructure, broadcasters will enjoy superb video quality transport with virtually zero latency." said Gael Rouvroy, intoPIX CEO and founder.

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About Nevion

As the architect of virtualized media production, Nevion provides network and broadcast infrastructure to broadcasters, telecommunication service providers, government agencies and other industries. A pioneer in media transport, Nevion enables the transport and management of professional-quality video, audio and data – in real time, reliably and securely – from the camera to the home. From content production to distribution, Nevion solutions are used to power major sporting and live events across the globe. Some of the world's largest media groups and telecom service providers use Nevion technology, including AT&T, NBC Universal, Sinclair Broadcast Group Inc., NASA, Arqiva, BBC, CCTV, EBU, BT, TDF and Telefonica.

For more information please visit www.nevion.com . Follow Nevion on Twitter @nevioncorp

About IntoPIX

intoPIX is an innovative technology provider of compression, image processing, and security solutions to audiovisual equipment manufacturers. We are passionate about offering people a higher quality image experience and have developed FPGA IP-cores and software tools that enable leading edge TICO and JPEG2000 compression, security, and video over IP and hardware enforcement. More information on our company, customers, and products can be found on www.intopix.com. Follow intoPIX on Twitter @intopix