

Neveion extends LAN and WAN transport and processing capabilities of flagship software-defined media node

Latest Neveion Virtuoso updates to be showcased at IBC2018

Oslo, Norway, 30 August 2018 – [Neveion](#), the award-winning provider of virtualized media production solutions, will be demonstrating a range of new and enhanced features now available on its flagship software-defined media node platform, [Neveion Virtuoso](#), at IBC2018.

Originally launched at IBC2016, Neveion Virtuoso now includes enhanced SMPTE 2110 support (10/20/21/30/31/40) with a new multichannel audio digital interface (MADI) to and from SMPTE 2110 30/31. Neveion Virtuoso also features SMPTE ST 2022-7/SIPS protection for audio, audio gain and delay handling, pre-compressed audio IP and automatic Dolby E re-alignment. A further addition to the platform's functionality is the new break-before-make (BBM) clean switching capability, that enables fast switching between sources.

Neveion Virtuoso also has new IP media edge features, designed for where IP LAN meets IP WAN. These include a firewall for network isolation, network address translations, SMPTE ST 2022-7/SIPS hitless protection, unicast to multicast conversion, RTP /IP monitoring, UDP/IP to RTP/IP conversion and bitrate policing.

At IBC2018, Neveion will also be demonstrating an implementation on the Neveion Virtuoso of the new RIST (Reliable Internet Stream Transport) protocol, defined by the VSF to provide protection on nondedicated networks such the Internet where Quality of Service (QoS) can be an issue.

Neveion will also be showing on Neveion Virtuoso the [recently announced industry-wide BISS/CA encryption standard](#). Designed to minimize the risk of piracy of live content by strengthening transport security, this allows cryptographic entitlements to be transported, together with the live video content, in-band. It also enables the rights holder to grant or revoke usage rights in real-time.

Johnny Dolvik, chief product and development officer for Neveion, said: "Neveion Virtuoso has seen a huge growth in its capabilities since it was launched at IBC two years ago. We're committed to ensuring our flagship solution incorporates current standards, while looking to the future to integrate upcoming changes that will allow more leaner and nimbler production for our customers."

At IBC2018, Neveion Virtuoso will be used in demonstrations on the booths of Arista (8.E30), Cisco (1.A71), EBU (10.F20), PHABRIX (10.B12), Tektronix (5.A73) and the TICO Alliance (10.D31).

In addition, Neveion Virtuoso will also be a part of the SMPTE ST 2110 demonstrations on the [IP Showcase at IBC2018](#). The IP Showcase has been a feature at major industry trade shows since IBC2016 and has been instrumental in helping the industry to galvanize behind the standards-based approach to IP. The event is hosted by major technical and standards organizations within the broadcast industry – Audio Engineering Society (AES), Alliance for IP Media Solutions (AIMS), Advanced Media Workflow Association (AMWA), European Broadcasting Union (EBU), Society of Motion Picture and Television Engineers® (SMPTE®), and Video Services Forum (VSF).

Visit NeviON on stand 1.B71 at IBC2018 at RAI, Amsterdam 14-18 September.

For more information about NeviON and its solutions, please visit the [NeviON website](#).

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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.

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