

Nevion takes Virtuoso media node's audio capabilities to the next level

AES3 and audio summing mixer functions amongst the latest additions

Oslo, Norway, March 2nd 2022 – [Nevion](#), a Sony Group Company and award-winning provider of virtualized media production solutions, announced today that the audio media functions of its software-defined media node, Virtuoso, have been significantly enhanced and now supports AES3 digital audio, as well as low latency audio summing mixer functions for use in live in-facilities, remote and distributed production.

Nevion's Virtuoso is a standards-based, virtualization-ready, software-defined media node that can perform a variety of real-time transport, processing and monitoring functions in the converged IP LAN/WAN network. With its functionality easily modified in the field through software, Nevion Virtuoso enables a faster time-to-production and greater cost-effectiveness.

As well as its comprehensive video capabilities, Virtuoso also provides advanced audio media functions. These include adaptation and routing between AES3, MADI and IP audio (SMPTE ST 2110, AES67), as well as audio processing functions such as embedding/de-embedding, shuffling, gain and delay control.

A new digital audio card for Virtuoso, designed specifically to optimize the support for AES3, offers breakout panels that have either 16x BNC or XLR ports, and supports input sample rate conversion, making it easy to use in SMPTE ST 2110 systems.

The audio processor capabilities of Virtuoso have also been enhanced with a new low-latency audio mixer functionality. The audio processors can now be configured in matrix mixer mode supporting summing of any input audio source. Matrix sizes are highly flexible and configurations range from 8x8 and 16x4 up to 24x20, 16x32 and 64x8. Audio processing is supported on the input stage of the mixer as well as on mixer cross-points.

While the mixer capabilities of Virtuoso do not replace a studio or production mixer, they provide useful functionality for simpler audio mixer and mix-minus capabilities in radio and television production applications.

The Virtuoso's audio media functions have been selected and deployed by several television and radio broadcasters, for various applications. For example, they are being used as part of a SMPTE ST 2110-based nationwide network connecting regional broadcast studios and event sites, and a radio production and distribution network.

Inge Hillestad, Vice President of Product Management, Virtuoso, at Nevion says: "Nevion Virtuoso is very well known for its video capabilities – having been the first media node in the world to be deployed in live production with JPEG XS encoding, for example. We are pleased to see that Virtuoso is now also being increasingly recognized by broadcasters as providing powerful, versatile and competitive audio capabilities for a variety of applications. That combination of video, audio and other functionality, which is constantly being added to, is what makes Virtuoso a great investment for our customers."

For more information about Virtuoso's audio functionality, please refer to [Nevion Virtuoso Audio Processor Media Function page on Nevion's website](#).

About Nevion

As the architect of virtualized media production, Nevion, a Sony Group Company, provides media network and broadcast infrastructure solutions to broadcasters, telecommunication service providers, government agencies and other industries. Increasingly based on IP, virtualization and Cloud technology, Nevion's solutions enable the management, transport and processing of professional-quality video, audio and data – in real time, reliably and securely. 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

Media Contacts

Media contacts:

Whiteoaks International

Amber Chawner

Account Executive

+44 01252 727313 ext 112

amperc@whiteoaks.co.uk