

## Leading Japanese video transmission company picks NeviON Virtuoso for 4K/UHD broadcast contribution

### *Virtuoso deployed with TICO encoding*

**Oslo, Norway, 11 December 2018** – [NeviON](#), award-winning provider of virtualized media production solutions, today announced that a leading Japan-based global video transmission company (which cannot be named for commercial reasons), has chosen [NeviON's software-defined media node, Virtuoso](#), for 4K/UHD broadcast contribution with TICO encoding. Initially, Virtuoso is used by the company to transport signals over legacy dark fiber, with a migration to IP expected in the future.

Japan introduced new 4K satellite services on December 1<sup>st</sup>, 2018. As a result, this video transmission company needed a solution to transmit 4K/UHD signals from sports and entertainment venues across the country to broadcasters' central facilities.

The company started investigating possible media nodes at IBC 2017. The objective was to find a cost-effective, flexible and high-performance solution that offered pristine video quality, low latency and standards-based interoperability.

After a thorough evaluation, the video transmission company picked [NeviON's Virtuoso with TICO encoding](#). TICO is a visually lossless, line-based and ultra-low latency compression, specifically designed to be used instead of uncompressed video in many applications. With a compression ratio of approximately 4:1, TICO is eminently suited for 4K transport, as it allows signals to be transported on the same infrastructure as HD signals.

The company is also using Virtuoso's SMPTE ST 2022-7 based protection, Seamless IP Protection Switching (SIPS), which allows signals to be transported across two separate paths simultaneously to ensure signals are not disrupted if problems occur along one of the paths.

The video transmission company chose Virtuoso not only because of its performance and cost-effectiveness, but also because will allow it to migrate smoothly from its current SDI over fiber set-up to a more cutting-edge IP transport when it is ready. It was also attracted by Virtuoso's road-map: as Virtuoso is software-defined, future functionality is a key part of the product's value to customers.

Patrick Ang, VP Sales for APAC at NeviON concludes: "It's no secret that Japan is one of the leading countries in the world in terms of pushing the boundaries of ultra-high definition broadcast. We are therefore delighted that our software-defined media node Virtuoso has been selected to play a part in the delivery of the 4K/UHD experience to Japanese audiences."

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

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**About Nevion**

*As the architect of virtualized media production, Nevion 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](http://www.nevion.com). Follow Nevion on Twitter @nevioncorp*

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