

Nevion Virtuoso media node passes JT-NM SMPTE ST 2110 testing

Tests provide certainty to customers of genuine standards conformance and interoperability

Oslo, Norway, 5 April 2019 – [Nevion](#), award-winning provider of virtualized media production solutions, today announced that its [flagship software-defined media node Virtuoso](#) is one of the few products in its category to have been successfully tested for the SMPTE ST 2110 standard for essence-based transport of media over IP. This thorough testing means that broadcasters, media organizations, service providers and other potential users of Nevision Virtuoso are assured that the product will work in a multi-vendor environment in an IP media network.

Since the initial parts of SMPTE ST 2110 were first published in 2017, many equipment vendors have claimed support for the standard. However, as some buyers have discovered to their costs, those claims were not always a guarantee that the equipment will work in a multi-vendor environment.

For that reason, encouraged by a number of significant broadcasting organizations, two top technical bodies, the EBU (European Broadcast Union) and IRT (Institut für Rundfunktechnik GmbH) have come together to create and administer a testing process sponsored by the JT-NM (Joint Task Force on Networked Media). The program offers prospective purchasers of IP based equipment greater, more documented insight into how vendor equipment aligns to the SMPTE ST 2110 and SMPTE ST 2059 standards.

The tests took place in Houston in March 2019. They established that Nevision Virtuoso was one of the few media nodes and gateways to successfully pass the interoperability tests for SMPTE ST 2110-10 (system timing, based on SMPTE ST 2059), ST 2110-20 (uncompressed video), ST 2110-30 (digital audio), and ST 2110-40 (ancillary data), both as a sender and receiver. Furthermore, Nevision Virtuoso was chosen to be one of the reference devices in many of the interoperability tests.

Johnny Dolvik, Chief Product and Development Officer, Nevision, said: “The JT-NM Tested Program is a very significant development in the industry, because it provides clarity for first time about the true capability of vendors’ products within broadcast facilities. As long-standing supporters of standards, we believe that it is in the interest of prospective buyers of equipment to demand that they are JT-NM Tested, as that is the real guarantee that those products will function in a multi-vendor environment.”

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

Nevion will be proudly displaying its JT-NM Tested Badge at the NAB Show in Las Vegas, 8-11 April 2019, booth SU5510.

About the JT-NM Tested Program at NAB 2019

Sponsored by the JT-NM and administered by the EBU and IRT – two top technical bodies – the JT-NM Tested program offers prospective purchasers of IP based equipment greater, more documented insight into how vendor equipment aligns to the SMPTE ST 2110 and SMPTE ST 2059 standards. Vendors who submitted equipment to be tested and agreed to make their results public are listed, with their products' test results in the JT-NM Tested catalog which is publicly available at the IP Showcase booth at NAB 2019 and at https://jt-nm.org/jt-nm_tested. This catalog provides transparency, describing the test criteria and testing methodology, as well as the hardware and software versions of the products that were tested. While JT-NM Tested is not a certification program, it will provide a snapshot in time of how vendor equipment aligns to key parts of SMPTE standards, providing prospective purchasers and users with a reference as they begin their equipment evaluation and qualification process.

About Nevision

As the architect of virtualized media production, Nevision 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, Nevision'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, Nevision 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 Nevision 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.nevision.com. Follow Nevision on Twitter @nevisioncorp

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