5G VIRTUOSA

# Multi-location 5G connectivity added in phase three of 5G-VIRTUOSA project

## EU-funded project reaches final phase of exploration of 5G and virtualization in broadcast production

**Oslo, Norway, 23 March 2022** – The participants of 5G-VIRTUOSA, the EU-funded project exploring 5G and virtualization in broadcast production, announced today that it has concluded the 3rd and final phase of the project. That phase added international, multi-location 5G connectivity to the distributed live production system established in previous phases.

The EU-funded project was established to explore 5G and virtualization in broadcast production. The main project participants are: Nevion AS (Norway), Mellanox Technologies LTD (Israel), and LOGIC media solutions GmbH (Germany). The project also involved a number of companies, most notably Media Broadcast GmbH (Germany), which provided special support with its 5G campus network for the third phase.

This final phase of the project built on phase 2, adding an international element in the form of a contribution feed from the UK and, most importantly, 5G connectivity. It involved "events" in 3 remote locations, produced centrally. One of the locations is connected by fiber (i.e. similar to phase 2), while the other 2 locations (Adastral Park, near Ipswich, UK, and Nauen, near Berlin, Germany) feature 5G-connected cameras and Internet contribution (for Ipswich). The production resources, including the vision switcher, were located in Frankfurt (Germany), where the feeds were collected. However, the actual production control took place remotely in Nauen.

This phase of this project demonstrated the feasibility of such set-ups in live production and collected valuable technical information and experience about the use of 5G.

Andy Rayner, Chief Technologist at Nevion and 5G-VIRTUOSA spokesperson commented: "Subsequent to a highly successful first two phases, we're delighted to have played a key role in the integration of multi-location 5G connectivity to help

transform the way that live production is handled. Lower latency and increased flexibility are key advantages that will benefit organizations moving forward."

**The 5G-VIRTUOSA team have described the project's phase 3 and its conclusions in a recorded webinar, which can be viewed on the 5G-VIRTUOSA website: https://5g-virtuosa.eu/webinar-5g-conclusions/.**

**A short video of summarizing phase 3 and looking to the relevance to the future of the broadcast industry can also be found here: https://5g-virtuosa.eu/phase-3-video/**

## About Mellanox Technologies

*Mellanox Technologies, now part of Nvidia corporation (NASDAQ: NVDA) is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyper-converged infrastructure. Mellanox intelligent interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance. Mellanox offers a choice of high-performance solutions: network and multicore processors, network adapters, switches, cables, software and silicon, that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage, network security, telecom and financial services. More information is available at: www.nvidia.com/en-us/networking/*

## About LOGIC media solutions GmbH

*LOGIC is a German-based media infrastructure architect and distributor of professional broadcast and telecommunication equipment. Almost 20 years of experience on the market and excellent connections to the German media companies makes LOGIC one of the leading value-added reseller not only in regards to IP based productions. Solutions based on traditional SDI technology as well as services within the cloud can be covered with the portfolio and team LOGIC provides to their customers. For more information please visit www.logicmedia.de*

## 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. Follow Nevion on Twitter @nevioncorp*

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