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MTVA goes IP with Evertz

The Hungarian Broadcaster Médiaszolgáltatás-Támogató és Vagyonkezelő Alap deploys Evertz IP Infrastructure core

September 14, 2018 – Burlington, Ontario – Evertz, the global leader in media and entertainment technology solutions, announces that MTVA - Médiaszolgáltatás-Támogató és Vagyonkezelő Alap, Hungary's public television broadcaster has deployed an IP routing core utilizing Evertz' Software Defined Video Networking (SDVN) Technology.

MTVA began a project to upgrade their existing baseband SDI facility due to the lack of spare components and support for their aging legacy router core. A critical requirement of this project was to specify a new routing core that in addition to having enough capacity to accommodate future growth, would also utilize IP based technology as well as be backward compatible to their existing baseband systems.

An IP based routing core was an essential requirement of this facility upgrade as it assures that MTVA's infrastructure investment will be future proof for the foreseeable future. In addition, the ability of the IP core to easily interface with existing baseband SDI systems ensures that interoperability issues between new and legacy systems will be minimized.

MTVA selected Evertz' SDVN technology for their next generation IP core. The heart of MTVA's routing core is the Evertz EXE-VSR16 switch fabric. The EXE-VSR16, with its high-capacity, non-blocking all IP architecture, was the only switch fabric that met MTVA's requirements. In addition, Evertz 570IPG gateways were utilized to interface MTVA's baseband systems into the IP core. Evertz 7846FSE and 3046FSE frame synchronizers were used for signal processing and a redundant Evertz 5700MSC system with 5700ACO automatic changeover unit was used for providing SMPTE ST 2059 PTP and baseband synchronization signals to the entire facility.

"One of the most difficult challenges of transitioning to IP is developing a solution that not only is forward compatible with new emerging technologies but also backwards compatible with our existing baseband

systems,” said Zoltán Bernáth, Head of MTVA’s Technical Department. “Evertz’ SDVN, gives us a future proof solution that was easy to integrate into our existing infrastructure.”

“The transition to IP has created a surge of new technologies, including ST 2110, ST 2059, AMWA IS-04 and IS-05. Customers are demanding flexible, agile and versatile IP solutions that support these new technologies,” said Sebastian Ruchti, Regional Sales Manager DACH. “Customers, as part of their critical requirements for the transition to IP expect IP solutions that embrace these new technologies while at the same time interoperate with existing legacy systems. We congratulate MTVA on the deployment of their new IP routing core.”

About Evertz

Evertz Technologies Limited designs, manufactures and markets video and audio infrastructure solutions for the television, telecommunications and new-media industries. Evertz provides complete end-to-end solutions to content creators, broadcasters, specialty channels and television service providers to support their increasingly complex multichannel digital and high definition television (“HDTV”) and next generation high bandwidth low latency IP network environments and by telecommunications and new-media companies. Evertz’ products allow its customers to generate additional revenue while reducing costs through the more efficient signal routing, distribution, monitoring and management of content as well as the automation of previously manual processes. For additional information, visit www.evertz.com

About Hungarian Television

MTVA (Médiaszolgáltatás-támogató és Vagyonkezelő Alap) is a trust fund, founded by the Hungarian state and handled by the NMHH (Nemzeti Média- és Hírközlési Hatóság - National Media and Communication Authority), its budget is ratified by parliament and managed by its managing director. It was founded on the 1st of January, 2011. Its main task from 2015 is to create media content for the Duna Médiaszolgáltató Nonprofit Zrt.

The main tasks of the Trust are the following:

- Civil-service media and new service
- Support the reorganisation of civil media services, and civil-service media
- Create and support civil-service media content
- Support first time movie films
- Support and augment the civil-media system's archive and other properties

The MTVA employs most of the employees of the former four civil-service media providers. The Trust is divided into divisions, with each of the former four organisation as separate divisions.

The new, common media site is: www.mediaklikk.hu