

For Immediate Release

Kabel Deutschland Deploys Evertz EXE 46 Tb/s Video Service Routers

Munich, Germany, September 12th, 2014 - Evertz, a global leader in video networking announced that Kabel Deutschland, a Vodafone Company and one of Europe's largest MSOs has chosen Evertz Software Defined Video Network (SDVN) featuring Evertz 46Tb/s EXE Video Service Routers. The EXEs will be used to transition Kabel Deutschland's uncompressed high quality video routing to a future proof IP network based architecture, without compromising quality, reliability or resiliency.

By deploying two Evertz EXE Video Service Routers along with SMPTE2022-6 compliant Evertz high density 570IP-Gateway/IP encapsulator modules, Kabel Deutschland not only extends their uncompressed video routing capacities by the factor of ten, but also bridges the gap between their video and IT-networks as the EXE routing core is completely network based and therefore format agnostic. This means it can transport uncompressed video streams of multiple current and future standards such as UHD, 4K or 8K resolutions as well as compressed MPEG, H.264 or HEVC transport streams.



Photo: Kabel Deutschland - Digital TV-Broadcasting at the KD Playout Center in Kirchheim

The EXE open switching cores are co-located in Frankfurt and Munich and provide up to 2304 10GE ports at each location. One of the large advantages of utilizing the 10GE networked topology is that SDI cabling has been virtually eliminated and is only used for short patches within the rack to a top-of-rack gateway. The other large advantage of utilizing Evertz' SDVN in place of a traditional video router, is that the network will be used for localized routing within the facility as well as providing network connectivity to their local edge for signal exchange between playout centers.

All SDVN multicast routing is managed by redundant Evertz' MAGNUM controllers, which easily integrate with Kabel Deutschland's current router control system and provide operators with a familiar, easy and reliable way of controlling the signal flows.

Deploying Evertz' SDVN architecture and EXE technology provides Kabel Deutschland with a solid future-proof foundation for inter-linking their uncompressed video networks on a German, European or even global scale. The Evertz technology enables Kabel Deutschland to excel with superior video quality and resiliency in their playout centers while improving the experience for their subscribers.

About Evertz

Evertz Technologies Limited (TSX: ET) 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 multi-channel digital and high definition television ("HDTV") broadcast 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 <http://www.evertz.com>

CONTACT:
Rachel Pool
1 905-335-3700
rpool@evertz.com

EVERTZ
5292 John Lucas Dr.
Burlington, Ontario
Canada, L7L 5Z9
www.evertz.com