

Riedel MediorNet HorizoN



Riedel Communications today announced the launch of MediorNet HorizoN, a new addition to the MediorNet family of video networking and processing devices. In addition to providing extensive and powerful video processing capabilities such as UHD up/down/cross conversion, SDR-HDR conversion, and color correction, the innovative hybrid processing platform blurs the boundary between SDI-based and SMPTE ST 2110 infrastructures with a dense array of UHD gateways. With its software-based app concept, HorizoN is set to bring next-level flexibility and simplicity to video ecosystems in the broadcast, entertainment, sports, corporate, and government sectors.

Designed to adapt and empower, HorizoN houses 16 independent and individually configurable processing engines within a single rack unit, facilitating flexible processing while seamlessly bridging the gap between baseband and IP systems. The platform provides up to 128 SDI - IP gateways, up to 32 channels of SDR-HDR conversion and color correction, or up to 16 up/down/cross conversions and color corrections. SFP-based baseband video I/O completes the package, making HorizoN an extremely versatile solution capable of handling even the toughest challenges in a modern production environment.



“As a highly dense gateway and processing solution, HorizoN not only combines the simplicity of SDI with the interoperability of ST 2110 but also provides all the key processing functionalities modern broadcast workflows require,” said Patrick Mandl, Product Manager Video, at Riedel Communications. “Because these capabilities can be distributed across the decentralized MediorNet TDM network, HorizoN reduces the need for external processing devices as well as deployment complexity and

costs. And because HorizoN's flexible licensing scheme accommodates user-specific combinations of processing and gateway capabilities, users pay only for the functionality they need."

Drew Martin, Head of Video Product Management, Riedel Communications, added: "Hybrid infrastructures have never been easier to achieve. MediorNet HorizoN enables customers not only to interface with ST 2110 infrastructures in a plug-and-play manner but also offers an elegant way to gradually transform baseband SDI installations to IP-native systems, at their own pace and within their own budgets. Thanks to its app concept, this software-defined hardware solution easily scales with customer needs and is an indispensable appliance for any state-of-the-art video infrastructure."

www.riedel.net