

DirectOut adding NMOS to EXBOX.RAV interface



DirectOut Technologies has further expanded the capabilities of its recently released RAVENNA/MADI converter EXBOX.RAV adding NMOS IS-04 and IS-05 support.

NMOS (Networked Media Open Specifications) is a suite of specifications for stream discovery and connection management developed and maintained by the AMWA filling a gap left open by the AES67 and SMPTE ST 2110 standards.

IS-04 handles device discovery and registration to support automation in setting up networked systems, while IS-05 covers the connection management between devices to allow creation and removal of flows between senders and receivers on the network.

“We are seeing a lot of AES67 and ST 2110 projects coming up with requests and requirements for NMOS” comments Claudio Becker-Foss, CTO and CEO of DirectOut. “NMOS is a public specification, which fits well with the open approach of RAVENNA. Based on modern network protocols, it eases the device integration into network management and orchestration software. Being now NMOS ready makes EXBOX.RAV even more attractive as a compact and cost-effective interface for IP infrastructures.”

NMOS is just one of the many features offered by this handy device. These include FastSRC for sample rate conversion when dealing with different clock domains, or EARS (Enhanced Automatic Redundancy Switching) designed by DirectOut to improve reliability of digital multichannel audio systems. Network redundancy is also granted by compliance with ST 2022-7.

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NMOS has also been added to the RAVENNA modules offered for the PRODIGY Series and to DirectOut's OEM board RAV2.

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