DEALING WITH DAB+ IN COMPLEX NETWORKS

2wcom

BY MARK HALLINGER

The 4audio DAB-4c has been designed for some of the specific challenges that a broadcaster might face when considering DAB+.

2wcom says an example might be operating DAB in expanded networks including EDI and ETI multiplexers as sources, operating legacy ETI and EDI transmitters in parallel or operating DAB in already existing infrastructures originally not intended for DAB, such as DVB-S/S2 or ASI.

The device allows for the reception of data signals from legacy ETI and EDI multiplexers at the same time and converts the signals respectively for transmitters in the field. As a high-density solution the device offers four ETI outputs and four ETI bidirectional interfaces (I/O) to increase the number of ETI outputs if ETI mirroring is needed.

The product is equipped with two Ethernet I/O data interfaces, while an optional satellite tuner enables integration into existing satellite distribution systems to optimise coverage and distribute programs for regions lacking broadband IP.

For synchronisation of all sites, the DAB-4c can use PTPv2 or an external 10Mhz signal and, in case of failure, an internal recovery from the EDI stream by jitter removal assures an ongoing synchronised transmission. Regarding transmission robustness, the device provides the possibility of seamless switching between two EDI or ETI sources (PFT dual streaming).
www.2wcom.com

DAB-4c offers flexibility in expanded networks

BLUEFISH444 DEFINES EPOCH FOR AXIMMETRY

Bluefish444

BY DAVID FOX

Bluefish444 has announced SDI I/O support for real-time 3D graphics and virtual studio software from Aximmetry for its Kronos K8 and Epoch range of video cards.

According to the companies, the integration will provide the highest quality SDI I/O to Aximmetry 3D graphics for broadcast, live streaming, live event and projector/LED wall workflows. All Bluefish Epoch and Kronos video cards feature

Bluefish444 Epoch and Kronos (pictured) video cards feature bidirectional SDI I/O

bidirectional SDI I/O and are compatible with a wide range of Thunderbolt expansion chassis.

Craige Mott, MD, Bluefish444, said: "Our next-generation Windows driver adopted by Aximmetry gives a significant boost to SDI I/O performance and ensures the lowest latency for Aximmetry-generated 3D graphics."
www.bluefish444.com

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