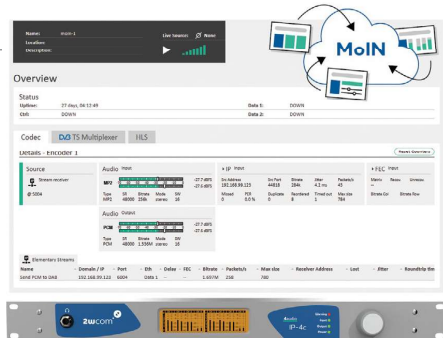


BUYER'S GUIDE

Codecs & STL



TECHUPDATE

2WCOM'S IP-4C EASES AUDIO APPLICATIONS

2wcom is highlighting its IP-4c, a four-channel AoIP codec.

For web streaming, the IP-4c can simply provide streams to an existing streaming encoder, or it can act as a streaming encoder and feed a CDN directly by transcoding, for example, audio signals to adaptive bitrate protocols like HLS.

It supports AES67, Dante, Wheatnet, Ravenna or Livewire+. Each studio's contributions are forwarded to the multimedia over IP network server at the headend for further transcoding respectively to the operated distribution chains.

To overcome difficult network conditions, the IP-4c provides hot swappable power supplies, error correction mechanisms like Pro-MPEG FEC or SRT, streaming redundancy and backup by sources.

It can act as an FM or web radio to MPEG Transport Stream gateway to make the streams available on DVB transport for distribution for cable or satellite.

On-demand transcoders can be used when needed to handle alternative audio streams like audio description or audio comments for social media platforms and the radio.

The codec is available as hardware or as server software for installation flexibility and features are scalable on-demand.

For information contact 2wcom in Germany at +49 461 662830-0 or visit www.2wcom.com.

TECHUPDATE

ALIO DOES SPORTS AND BEYOND

The Phoenix ALIO is a portable IP audio codec that was designed for sports reporting but which AEQ says serves many other types of applications too.

It cites its compact design and resistance to pressure, shocks and liquids as selling points for outdoor use.

"It can connect to other codecs from most manufacturers thanks to the SIP communications protocol, according to N/ACIP Tech 3326 EBU standard," the company said.

"But when connecting to another AEQ codec, users can take advantage of an exclusive set of tools that makes the establishment of communication and the control of the unit a simple task."

Those include a selection of Opus encoding algorithms; SmartRTP call-initiation protocol to simplify connection to compatible codecs; and a Help function that allows a user to request assistance from the station when facing an unexpected situation.

AEQ says the codec provides bidirectional mono or stereo operation; optional second mono or stereo communication channel, for technical coordination; and individual low- and high-frequency audio adjustments for each input.

ControlPhoenix Management Software provides remote operation and adjustment of the unit from the station for more complete control.

For information contact AEQ in Florida at 1-954-581-7999 or in Spain at +34 91 686 13 00, or visit www.aeqbroadcast.com.



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