Ferncast REDUNDANT

Ferncast, developer of innovative audio transmission software solutions for professional live audio applications, has launched the Audio Codec Servers (ACS) which combine the advantages of tried and tested 24/7 aixtream COMPACT software and the flexibility and full scalability of server installation with the convenience of traditional hardware boxes. Part of this new product class, the REDUNDANT products are suited to large-scale multi-format audio streaming, transcoding and more. The REDUNDANT ACS is the by far most powerful Audio Codec Server in Ferncast's lineup and has more than enough power to handle even the most performance-demanding tasks in various combinations. A single REDUNDANT can manage the audio workload of entire departments.

The REDUNDANT ASC support multiple applications: online radio streaming and DVB multiplexing at the same time, DAB to streaming, streaming combined with audio on demand processing and any other combination broadcasters can think of. Users can turn an OTT machine into a SIP hub, add transcoding to DVB demuxing, upgrade a loudness controller into a podcast processor - aixtream's matrix of possibility in a single hardware.

Moreover, an exhaustive list of de/encoder algorithms and transport formats is supported. From classics like Layer 2 and MP3 to more current standards like AAC and Opus (incl. xHE AAC), even FLAC, Linear (16 and 24), G.711, G.722 and many more. Broad compatibility with a huge list of inputs and outputs ensures that integrating ACS REDUNDANT into broadcasters workflow is as simple as can be. Multiple slots for PCIe or USB audio interfaces mean that operators can use their preferred inputs and outputs even in complex combinations or for multiple different applications. Need to go in via MADI and output it as ASI MPEG TS as well as Icecast and HLS stream and also have a backup stream going out via SRT? All possible with the REDUNDANT ACS.

Ferncast launches REDUNDANT, its premium Audio Codec Servers

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"With the Audio Codec Server REDUNDANT we cover the real upper class of applications" commented Detlef Wiese, Ferncast CEO. "We have customers who need to output more than 1000 different encoded streams and also reliable 24/7 operation. The REDUNDANT has the appropriate power and flexibility to do all types of encoding, signal processing, protocoling, and recording according to our customers project requirements. The market response to the REDUNDANT is extremely good and the first installations came quite immediately after the announcement."

8 new products are now available, designed for 8 fields of application:

- OTT: Premium Multichannel Streaming Encoder RPSU
- SIP: Premium SIP Communication Hub RPSU
- STL: Premium large-scale Multi-purpose STL Hub RPSU
- AOD: Premium large-scale Audio-on-Demand Concentrator
- DVB : Premium large-scale DVB De/Encoder & Multiplexer
- LOUDNESS: Premium large-scale Multi-purpose Loudness Processor
- DAB: Premium large-scale Multi-purpose DAB Transcoding Hub
- Transcoding: Premium large-scale Transcoding Hub RPSU

www.ferncast.com