Round-table: “Ask the Experts”

Tue, July 07, 2020
15:00 h (CEST)

Andreas Hildebrand, ALC NetworX
Claudio Becker-Foss, DirectOut
Claude Cellier, Merging

Roland Hemming, RH Consulting
Daniel Boldt, Meinberg
Terry Holton, AIMS
Andreas Hildebrand, RAVENNA Technology Evangelist
• more than 25 years in the professional audio / broadcasting industry
• graduate diploma in computer science
• R&D, project & product management experience
• member of AES67 TG and ST2110 DG

ALC NetworX GmbH, Munich / Germany
• established 2008
• R&D center
• developing & promoting RAVENNA
• Partnerships with > 40 manufacturers

RAVENNA
• IP media networking technology
• designed to meet requirements of professional audio / broadcasting applications
• open technology approach, license-free
• fully AES67-compliant (*built-in*)
Claudio Becker-Foss, CEO/CTO of DirectOut
• studied Audio Engineering at the Institute of Music and Media in Dusseldorf, Germany
• co-founder of DirectOut GmbH in 2008
• freelance broadcast engineer for WDR in Cologne
• recording producer
• network audio specialist
• member of AES67 standards committee

DirectOut GmbH, Mittweida / Germany
• founded in 2008
• manufacturer of professional audio and broadcast equipment
• early adopter of RAVENNA, AES67 and SMPTE ST 2110

RAVENNA Partner
• since 2009 (early adopter)
Claude Cellier, CEO of Merging Technologies
• Graduated from the Institute of Technology of Lausanne as Electric Engineer in 1980
• Held various positions at Nagra Kudelski
• Chief designer of the Pyramix Virtual Studio system
• Inventor of the Lossless Realtime Coding audio compression technology
• Inventor of DXD (Digital eXtreme Definition) format for high-resolution recording
• Long standing relationship as Secretary of Swiss AES section

Merging Technologies, Chexbres, Switzerland
• founded in 1990 by Claude Cellier
• manufacturer of finest professional audio equipment (Pyramix DAW, Ovation show automation system, HORUS, HAPI & ANUBIS interfaces)
• early adopter of RAVENNA, AES67 and SMPTE ST 2110

RAVENNA Partner
• since 2009 (early adopter)
Daniel Boldt, Head of Software Development, Meinberg

- Diploma in Media Technology (Thesis done at ZDF, German television)
- 20 years experience with the development of synchronization products
- Main Topics: IEEE 1588, NTP, LANTIME and microSync Firmware platforms

MEINBERG, Bad Pyrmont / Germany

- established 1979
- Full-Depth Manufacturer of Time and Frequency Synchronization Equipment (R&D, Production, Sales & Marketing at a single location)
- Time and Sync solutions for all industries (Broadcast, Power, Telecom, Finance, etc.)
- Acquired PTP technology supplier Oregano Systems (Vienna) in 2019
- Active in various standardization bodies (IEEE, ITU, SMPTE, IETF,...)
**Terry Holton**, Chair of Audio Work Group, AIMS
- General Manager of Yamaha R&D Centre in London for 25 years
- Headed up the Pro Audio Product Planning group for digital audio products
- Now a consultant focusing on media networking
- Continues to represent Yamaha in various alliances and standards groups

**AIMS**
- Alliance for Interoperable Media Solutions
- Non-profit trade alliance fostering adoption of interoperability over IP in the media and professional audio/video industries
- Nearly 100 members from broader industry (including broadcasters)
- Organizing educative events and webinars (IP Showcase)
Roland Hemming, RH Consulting, UK
- Independent audio consultant
- User of networked audio for over 20 years
- Expert on the use and adoption of AoIP.

RH Consulting, Turnbridge Wells, UK
- Founded 2005
- Leaders in design and management of audio installation projects
- Experts on worldwide voice alarm standards
- Research and advice in using of networked audio systems
- Consulting in product design
Here we go...
RAVENNA / AES67 / SMPTE ST 2110 Resources:

www.ravenna-network.com/resources

www.aimsalliance.org/aes67-resources/
Contact information:

Andreas Hildebrand
ALC NetworX GmbH

ravenna@alcnetworx.de

www.ravenna-network.com