



RAVENNA 2020 Webinar Series

Round-table: “Ask the Experts”

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

Andreas Hildebrand, ALC NetworX

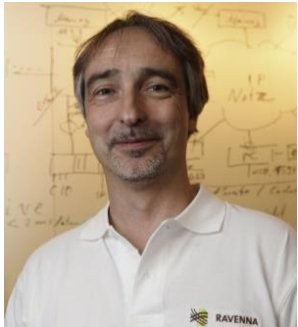
Claudio Becker-Foss, DirectOut

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,...)



The Synchronization Experts.



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

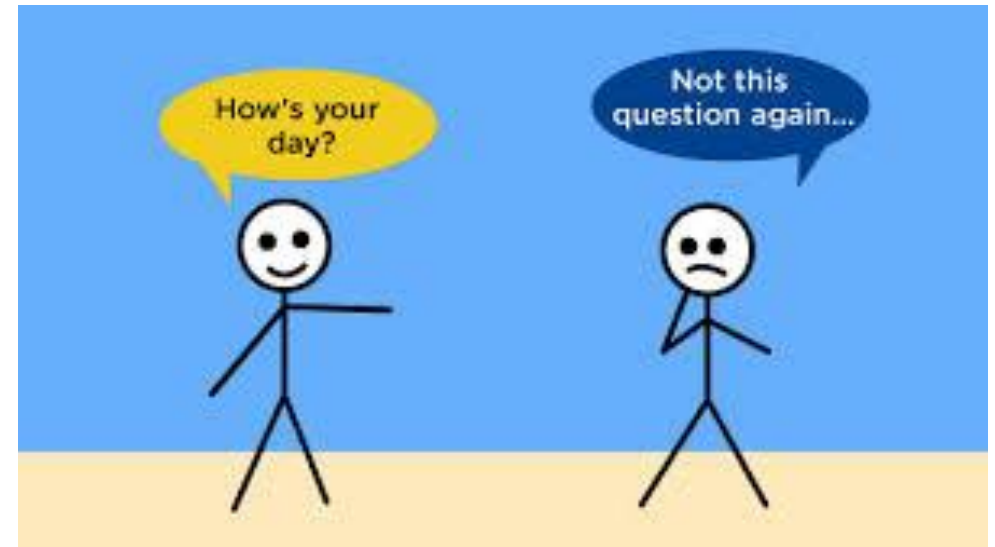
- Independent audio consultant
- User of networked audio for over 20 years
- Expert on the use and adoption of AoIP.



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...



More answers...



RAVENNA / AES67 / SMPTE ST 2110 Resources:



www.ravenna-network.com/resources



www.aimsalliance.org/aes67-resources/

You've made it!



Contact information:

Andreas Hildebrand
ALC NetworX GmbH

ravenna@alcnetworx.de



CELEBRATING 10 YEARS
RAVENNA
AES67 & ST 2110 built-in

www.ravenna-network.com