

**VSF- VidTrans23 - Delivering the Benefits of IP for Media
Production, Annual Conference & Exposition**

Tuesday, February 28, 2023

7:30AM Continental Breakfast – Bayview Room Foyer

8:30AM Session 1 Begins – Bayview Room (Richard Friedel - Welcome & Brad Gilmer – Moderator)

- 1] **Here be Dragons? - Machine Defined Production**
David Griggs - Disney
- 2] **Video quality monitoring in OTT: Best Practices and Challenges**
Aandrey Pozdnyakov - Elecard
- 3] **Making Multi-Vendor Cloud-Based Production Just Work**
Chris Lennon – Ross Video

10:00AM Break, 45 Minutes in Exhibit Hall (California Ballroom)

Exhibits Open 10:00AM – 7:00PM

- 4] **RIST Source Adaptation**
Ciro Noronha, Ph.D. – Cobalt Digital
- 5] **JPEG-XS and NDI for Low Latency Cloud Production: A Technology Preview**
Jiri Matela - Comprimato

11:45AM Get-Together Luncheon in Exhibit Hall

1:15PM Session 2 Begins – Bayview Room

- 1] **Panel Discussion: How we learned to stop worrying and love the Cloud**
Moderator: John Mailhot – Imagine Communications
Participants: *Kieran Kunhya–OBE.TV, Andy Rayner- Nevion, Wes Simpson-LearnIPvideo,*

2:15PM Break, 45 Minutes in Exhibit Hall

- 2] **Advance Techniques for Monitoring Live Video Delivery – Why Video Delivery Intelligence is Important?** *Adi Rozenberg - AlvaLinks Media System*
- 3] **Cloud Deployment – Tools for Standing up Applications in the Cloud**
TBD – Imagine Communications
- 4] **Securing PTP**
John Naylor –Ross Video

4:30PM Session Adjourn

Tuesday Reception – Exhibit Hall 5:30-7:00PM

Wednesday, March 1, 2023

7:30AM Continental Breakfast – Bayview Room Foyer

8:15AM Session 3 Begins – Bayview Room

- 1] **Private 5G Networks at the Queen's Funeral and Elsewhere**
Kieran Kunhya – Open Broadcast Systems
- 2] **Xtreme Production Case Study**
Scott Beckett – ATT, John Dale – Media Links
- 3] **Bringing Distributed Hybrid IP Production Technologies Together – Overcoming Current Performance Limitations**
Andy Rayner- Nevion
- 4] **RIST Activity Group Update**
Rick Ackermans - CBS

10:00AM Break, 45 Minutes in Exhibit Hall

Exhibits Open 10:00AM – 6:00PM

- 5] **Cloud-Based Live Productions - how to Orchestrate a Multi-vendor Environment in the Cloud**
Thomas Gunkel – Skyline Communications
- 6] **Using the Embrionix EB82SOC1 "System on Chip" to add ST 2110 to Video Production Equipment**
David Workman - Embrionix

Note: VSF Membership Meeting (Bayview Room) 11:45AM – 12:15PM

11:45AM Get-Together Luncheon in Exhibit Hall

1:15PM Session 4 Begins – Bayview Room

- 1] **Panel Discussion: Sustainability – Minimizing the Carbon Footprint of Live Production**
Moderator: *Andy Rayner- Nevion*
Participants: *Thomas Edwards – AWS, Others TBD*
- 2] **On-demand Networking Powering Live Cloud Sports Production – a Real-World PoC**
Brad Cheney - Fox Sports, Thomas Edwards – AWS, Ryan Korte - Cloud Connect, Lumen Technologies

2:15PM Break, 45 Minutes in Exhibit Hall

- 3] **User Requirements and/or Challenges, Case Studies, especially those involving the Transition to IP or IT-Based Technologies Case Study | Updating Microsoft's Production Campus from SDI to IP "while the airplane's in Flight"**
Karl Paulsen - Diversified
- 4] **ASM - There's a better way**
Chris Lapp - Cisco
- 5] **A Master's Toolbox and Algorithms for Low-Latency Live Streaming**

4:30PM Session Adjourn

[Reception – Exhibit Hall 4:30-6:00PM](#)

Thursday, March 2, 2023

7:30AM Continental Breakfast – Bayview Room Foyer

8:00AM Session 5 Begins - Bayview Room

- 1] **IPMX Activity Group Update**
Jack Douglass – PacketStorm
- 2] **VSF from 1997 to Present**
Wes Simpson – LearnIPvideo
- 3] **RIST Enhances IPMX in Network's Production and Monitoring Streams**
Sergio Ammirata - SipRadius LLC

Break – Take when needed

- 4] **How SMPTE ST2110 Technologies will Facilitate the Spread of Next Generation Audio Codecs**
Thomas Burnichon - ATEME
- 5] **Unified System Design: Physical and Logical Design**
Lukas Odhner - NTC, a Deloitte Business
- 6] **Security and Operational Efficiency at the inter-entity IP interconnect and RP 2129**
Chin Koh - Net Insight

11:00AM Meeting Adjourn

Note: IPMX & RIST Demonstrations between Multiple Vendors in the Exhibit Hall.

This Internet Protocol Media Experience (IPMX) demonstration presents several aspects of the Technical Recommendation TR-10. Hardware and Software based IPMX Senders (Encoders) and IPMX Receivers (Decoders) from various companies taking part in this demonstration are implementing the System Timing as per TR-10-1. The network in this demonstration contains no PTP Grand Master in order to demonstrate that IPMX devices can operate without PTP present in the network. All video sources in this demonstration are asynchronous and part of the exhibit shows the low latency that is possible between the input signal of an IPMX Sender and the output of the IPMX Receiver.