

IPMX Activity Group

Internet Protocol Media Experience TR-10

May 2021

Jack Douglass (PacketStorm)

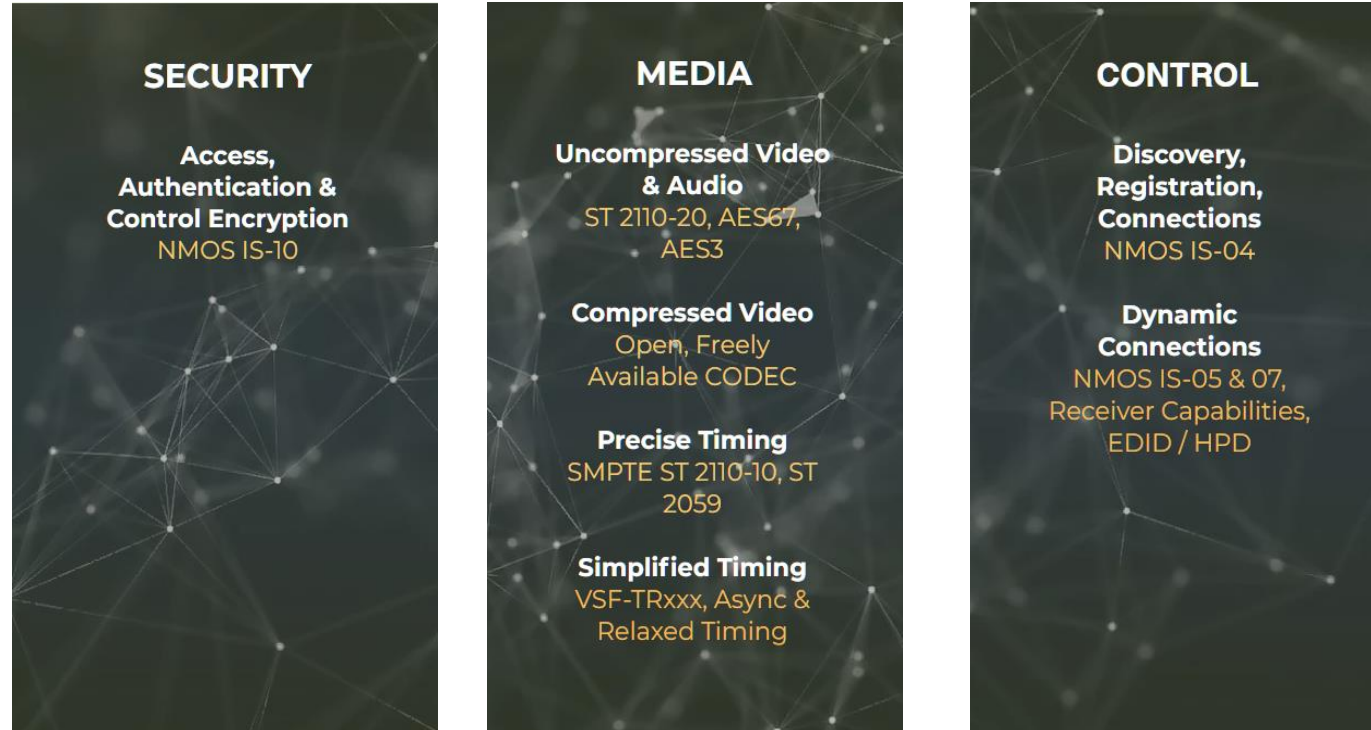
jack@packetstorm.com



IPMX Activity Group

- Chairs:
 - Jack Douglass (PacketStorm)
 - Jean Lapierre (Matrox)
- Meeting:
 - Every week on Tuesday 8am PST
 - Next meeting is Tuesday May 25, 2021, 8:00am to 9:00am PST
 - Contact Jack Douglass or Bob Ruhl if you would like to join the IPMX Activity Group.
- IPMX – Internet Protocol Media Experience
 - Set of Technical Recommendations to enable the carriage of compressed and uncompressed video, audio and data over IP networks for the ProAV market
 - IPMX series of Technical Recommendations will be published as TR-10
- Internet Protocol Media Experience (IPMX): System Timing and Definitions document in nearly complete (TR-10-1)
- Working with JT-NM and AMWA

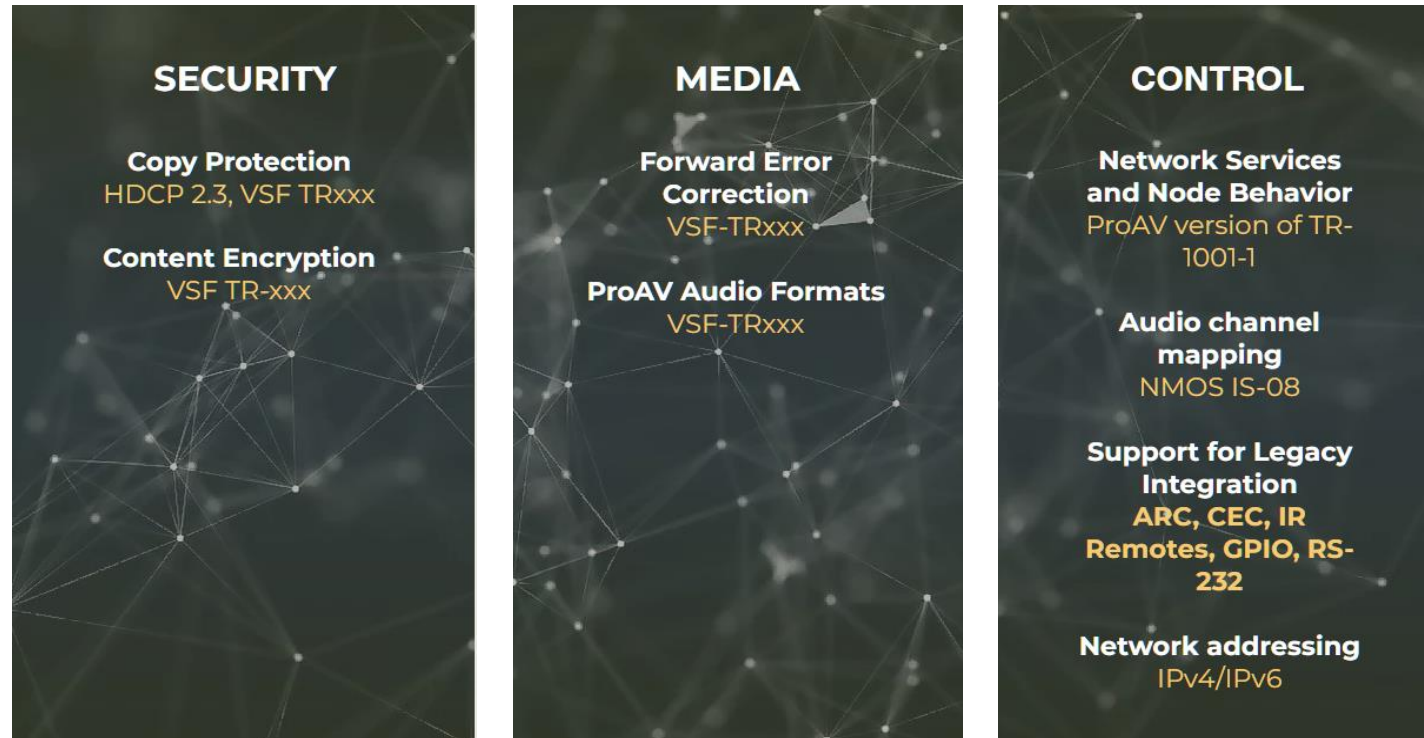
JT-NM ProAV Technology Roadmap – Phase 1



Phase 1 focuses on secure control, essence transport, timing, and connection management. The work in this phase consists of identifying existing standards and specifications that can be applied to the A/V over IP effort, and creating new standards and specifications if required. JT-NM stresses the use of existing work over creation of new technology, if possible. As an example, the ProAV user requirements specify simplified timing, as compared to the timing approach currently taken in the SMPTE ST 2110/PTP for professional applications.

JT-NM ProAV Technology Roadmap: <https://www.jt-nm.org/proav-roadmap>.

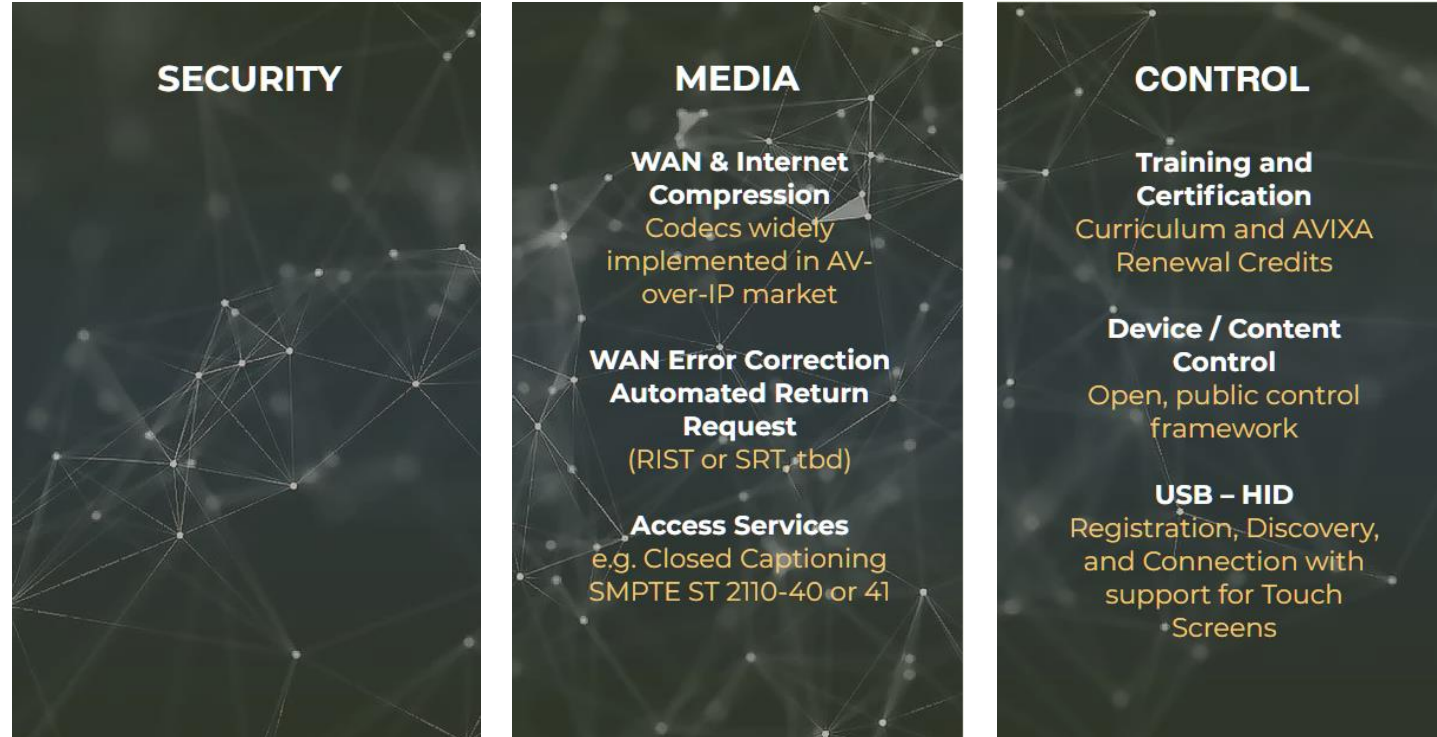
JT-NM ProAV Technology Roadmap – Phase 2



Phase 2 builds on basic functionality by adding additional functionality as required by the ProAV user Requirements. As with Phase 1, this phase seeks to identify existing standards and specifications, if possible.

JT-NM ProAV Technology Roadmap: <https://www.jt-nm.org/proav-roadmap>.

JT-NM ProAV Technology Roadmap – Phase 3



Phase 3 adds elements critical for ProAV WAN applications, and support for access services such as Closed Captioning.

JT-NM ProAV Technology Roadmap: <https://www.jt-nm.org/proav-roadmap>.

What is next:

- HDCP – Copy Protection
- FEC – Forward Error Correction
- Minimum qualifications to be IPMX similar to TR-1001-1
- Network Switch Minimum Requirements For IPMX
 - Document that would assist system designers in the selection switches that would have sufficient resources to successfully deploy an IPMX network installation.
 - Separate meetings

End of Slides

