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Group ...

Panel Discussion: Challenges and Solutions to the Rollout of 2110 Systems

2110 History

- The core of 2110 is based on the VSF technical recommendation TR-03 “Transport of Uncompressed Elementary Stream Media over IP”
- Published November 12, 2015

2110 History

- The original SMPTE name for the project was “Studio Video over IP” (SVIP).
- A Drafting Group (DG) was created and given the name 32NF-60 DG (SVIP)
- The first SMPTE meeting of the DG was held Feb 18th 2016.

2110 History

- The name SMPTE ST 2110 was adopted the week of April 14th, 2016 (just prior to NAB).
- ST 2110 Parts 10, 20, 21, 30 were published on SMPTE December 7, 2017.

2110 Update

- As of today (Feb 26, 2019) the 2110 Drafting Group has held 139 meetings.

2110 Approved

Professional Media over Managed IP Networks:

- ST 2110-10 “System Timing and Definitions”
- ST 2110-20 “Uncompressed Active Video”
- ST 2110-21 “Traffic Shaping and Delivery Timing for Video”
- ST 2110-30 “PCM Digital Audio”
- ST 2110-31 “AES3 Transparent Transport”
- ST 2110-40 “SMPTE ST 291-1 Ancillary Data”

2110 Pending

Professional Media over Managed IP Networks:

- ST 2110-22 “Compressed Video Formats”
- RP 2110-23 “MultiStream-Video-Transport”
- ST 2110-41 “FMX: Fast Metadata”
- ST 2110-42 “Formatting Fast Metadata”
- ST 2022-8 “Interoperation of ST 2022-6 streams”

2110 History

- ST 2110 Parts 10, 20, 21, 30 were published on SMPTE December 7, 2017.
- ST 2110 has been published for 445 days. Why hasn't all SDI been replaced.

Challenges and Solutions to the Rollout of 2110 Systems

- Are there challenges to the rollout of 2110.

2110 Panel

- Mike Bany – Fox Networks.
- Jack Douglass – Packet Storm.
- John Mailhot – Imagine Communications.
- Koji Oyama – M3L Inc.
- Karl Paulsen – Diversified.

1. Inter BEE IP Live Project

<https://www.inter-bee.com/en/>

<https://www.inter->

1. IP Demos (2110/2022/NMI)
4 demos w/32 companies



3. Booth Seminar
32 sessions



INTER BEE IP PAVILION

2. Keynote Speech
6 broadcaster reports
700+ audience



4. Exhibition Booths
38 exhibitors



2. Keynote Speech

- Reported 6 case studies of IP Live
 - NHK, SKY Perfect JSAT, Tokai TV, QVC Japan, Nara TV, Mie TV



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