Introducing
The JT-NM Tech Stack
Specifications for Simplified Installation, Maintenance, and Improved Security of IP Systems
The PROBLEM to be SOLVED by the JT-NM Tech Stack

• SMPTE 2110 standards for professional media over IP have shown significant adoption

• BUT…
  – Additional specifications could greatly streamline implementation, and improve security of IP systems
The EBU has documented these additional requirements.
The JT-NM Tech Stack is the Industry’s Response
The JT-NM Tech Stack will consist of multiple specifications

JT-NM TR 1001-1 (published)
The JT-NM Tech Stack will consist of multiple specifications

**Tech Stack – Part 1**

JT-NM TR 1001-1 makes it much simpler to add media nodes to a system by specifying:

- DHCP to automatically provide network addresses
- DNS-SD to automatically disclose the services
- Configuration start-up behaviors
- AMWA IS-04 & IS-05 to simplify registration and connection management
The JT-NM Tech Stack will consist of multiple specifications.

The JT-NM is actively working on Tech Stack – Part 2. Candidate specifications for inclusion include:

- AMWA IS-07 Event & Tally
- AMWA IS-08 Audio Channel Mapping
- AMWA BCP-003 NMOS API Security: Communications

...And these are being demonstrated on other walls of this pod.