

Introducing The JT-NM Tech Stack

Specifications for Simplified Installation,
Maintenance, and Improved Security of IP
Systems

AMWA

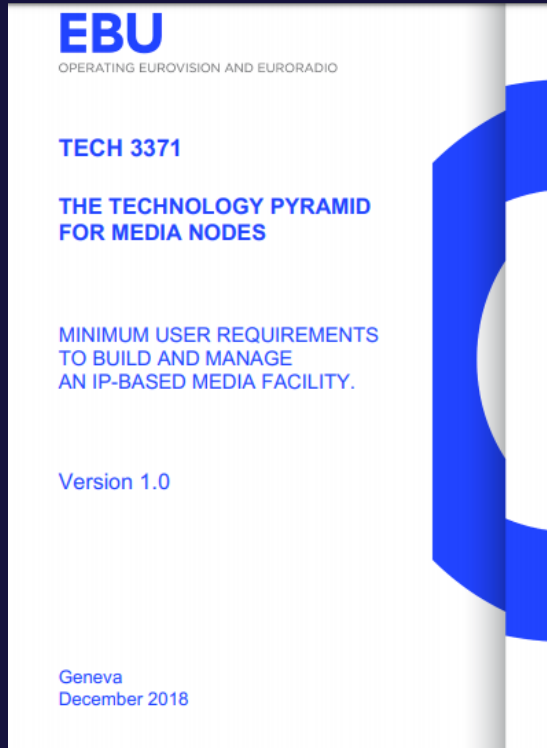
EBU



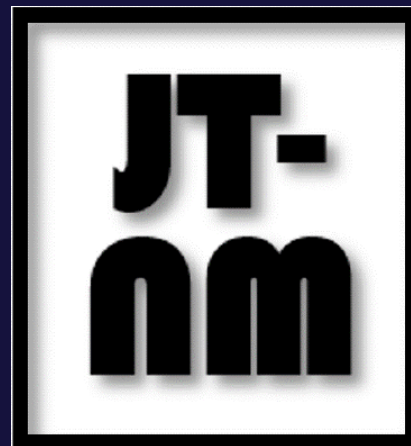
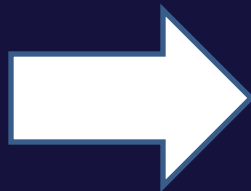
The PROBLEM to be SOLVED by the JT-NM Tech Stack

- 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

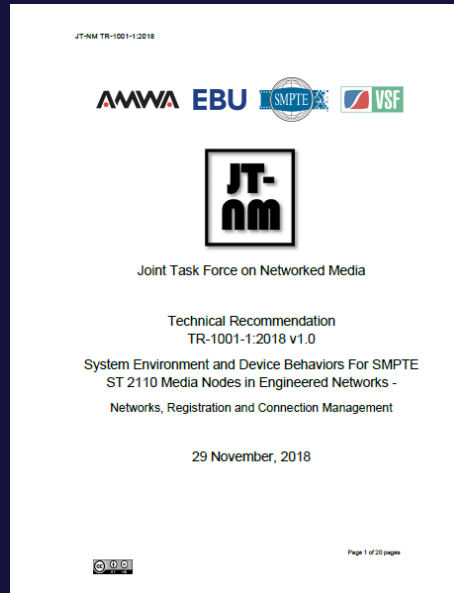


The JT-NM Tech Stack is the Industry's Response



Tech Stack

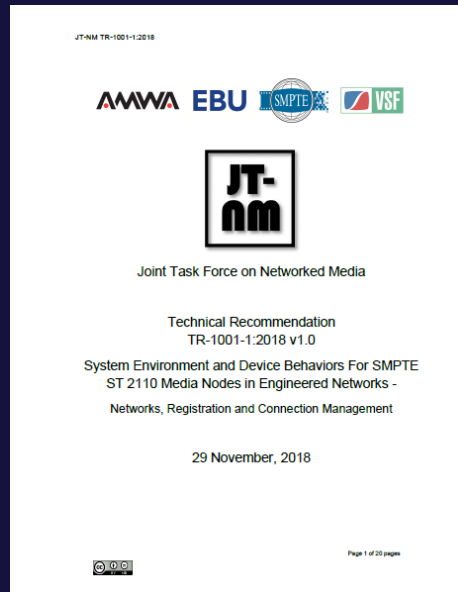
The JT-NM Tech Stack will consist of multiple specifications



JT-NM TR 1001-1
(published)

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Tech Stack – Part 1



JT-NM TR 1001-1
(published)

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

Tech Stack – Part 2



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