

# EBU

OPERATING EUROVISION AND EURORADIO

## R 152

### STRATEGY TO ACCELERATE ADOPTION OF AN OPEN DISCOVERY & CONNECTION PROTOCOL (NMOS)

## EBU POSITION

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## EBU Position on a strategy to accelerate market adoption of an open discovery and connection protocol (NMOS)

EBU Committee	First Issued	Revised	Re-issued
TC	2019		

**Keywords:** IP-based infrastructure, Networked Media Open Specifications (NMOS), SMPTE ST 2110.

*The EBU Technical Committee (TC) is an elected body representing broadcast media organisations comprising 117 EBU Members in 56 countries and 34 associate members in 21 countries.*

The TC is mindful that several of its Members have started constructing, or are planning investment in, new production facilities based on SMPTE ST 2110 technology. The early adopters are learning lessons with this new technology that will set best practices for the next waves of adopters.

What is acutely concerning the TC is feedback from these Members that;

- They are suffering from the lack of adoption and maturity of implementation of an open discovery and connection protocol, which is identified as a minimum requirement<sup>1</sup> for the viability of their projects, thereby putting these projects at risk, and;
- Their managements' confidence in IP-based technology is being eroded by the effects of this lack of adoption and maturity of implementation by vendors.

Considering this, the TC is firmly of the view that to be able to design, build, operate and maintain large scale SMPTE ST 2110-based facilities, EBU Members must demand that their (SMPTE ST 2110) product manufacturers show a clear commitment to the AMWA Networked Media Open Specifications (NMOS), in particular;

- Support for IS-04 (Discovery and Registration) and IS-05 (Device Connection Management) in media devices (Media Nodes) as required by JT-NM TR-1001-1<sup>2</sup>;
- support of the above specifications in Broadcast Controllers / Orchestrators by making a priority of NMOS support in their product roadmaps;
- accelerating the maturation of implementations into shipping products, participating in industry interoperability and compliance / certification activity with a strong focus on IS-04 and IS-05;

<sup>1</sup> <https://tech.ebu.ch/tech3371>

<sup>2</sup> [http://www.jt-nm.org/documents/JT-NM\\_TR-1001-1:2018\\_v1.0.pdf](http://www.jt-nm.org/documents/JT-NM_TR-1001-1:2018_v1.0.pdf)