

NMOS

What are the Networked Media Open Specifications?

They are a growing family of specifications which are available to both suppliers and end users, at no cost, to support the development of products and services which work within an open industry framework.

Wherever possible, the specifications are being developed using Internet standards or Internet-friendly techniques. They are complementary to and co-exist with industry specifications and standards; for example, SMPTE ST 2110 and AES67.

How can NMOS help me?

Management of resources can be time consuming and an inefficient use of skilled personnel.

The Networked Media Open Specifications enable the identification of devices, control of connections and tracking of media resources on a network. This reduces the need for manual intervention, provides valuable insight into usage patterns and enables efficient monetization of your resources.

The Open Specifications

AMWA IS-04

for Discovery & Registration allows you to discover and register devices as they are connected to the network, enabling their subsequent connection through the IS-05 API.

AMWA IS-05

for Connection Management runs on media devices alongside the existing IS-04 APIs and allows the configuration of connections between Senders and Receivers.

AMWA IS-06

for Network Control enables a broadcast controller to view network topology, allowing the creation/retrieval/update/deletion of flows in the network between endpoints. It includes related monitoring and diagnostics.

These AMWA specifications are open to everyone and are hosted on GitHub.

To join or for further information

www.NMOS.tv

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14 End Users

BBC, UK	IRT, Germany
Canal + France	ITV, UK
CBC Radio Canada	KBS, Korea
Channel Four, UK	NHK, Japan
EBU, Europe	PBS, USA
Ericsson, Sweden	Telstra, Australia
Fox, USA	Yle, Finland

50 Suppliers

AJA	Juniper Networks
Aperi	Lawo
Arista	Macnica Americas
Atos	Matrox
Avid	Mellanox Technologies
Axon Digital Design	MOG Solutions
Barco Silex	NEC
Bosch	Nevion
Calrec Audio	Nextera Video
Cisco	Origami Tech
Coveloz	Panasonic
Dalet	Pebble Beach
dB Broadcast	Riedel
Deltacast	Ross Video
DirectOut	Snell Advanced Media
Embrionix Design	Sony
Evertz	Stordis
EVS	Streampunk Media
Gefei, China	Suitcase TV
Glitch Digital	Tektronix
Grass Valley	Telestream
Harmonic	The Telos Alliance
Imagine Communications	Xytech
IML, South Korea	Yamaha