AMWA
Networked Media. Working.

The Home of NMOS

NMOS

What are the Networked Media Open Specifications?

They are a growing family of specifications, available 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 current best practices in the IT community and co-exist with industry specifications and standards; for example, SMPTE ST 2110 and AES67.

How can NMOS help me?

The Networked Media Open Specifications help improve business efficiencies by enabling 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.

To join or for further information

www.NMOS.tv

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The Open Specifications

AMWA IS-04
for Discovery & Registration allows you to discover and register media devices as they are connected to the network, enabling their subsequent connection through the IS-05 API.

AMWA IS-05
for media device 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.

There are also working groups for **Event & Tally** (to become IS-07), **Interoperable Security, High level Grouping, Scalability, Identity & Timing** plus **Audio Track Mapping.**

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

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17 End Users

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

52 Suppliers

AJA	Aperi
Arista	Atos
Avid	Axon Digital Design
Barco Silex	BFE
Bosch	Calrec Audio
Cisco	Dalet
dB Broadcast	Deltacast
DHD audio	DirectOut
Embrionix Design	Evertz
EVS	Gefei
Glitch Digital	Grass Valley
Harmonic	Imagine Communications
IML	Juniper Networks
Lawo	Leader
Macnica	Matrox
Media Links	Mellanox Technologies
MOG Solutions	NEC
Net Insight	Netisense
Nevion	Nextera Video
Origami Tech	Panasonic
Pebble Beach	Riedel
Ross Video	Sobey
Sony	Stordis
Streampunk Media	Suitcase TV
Tektronix	Telestream
The Telos Alliance	Yamaha