

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.

The AMWA specifications are open to everyone, even while they are works-in-progress, and are hosted on GitHub, a popular open development platform.

60 organizations have joined to participate on NMOS work groups.

To join or for further information

www.NMOS.tv

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The Open Specifications

AMWA IS-04

for Discovery & Registration
Published Specification

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
Publication expected early Oct 2017

to run on media devices alongside the existing IS-04 APIs.

IS-05 allows the configuration of connections between Senders and Receivers.

AMWA IS-06

for Network Control
Work in Progress

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.



11 End Users

BBC, UK	IRT, Germany
CBC Radio Canada	KBS, Korea
CANAL+ France	NHK, Japan
EBU, Europe	PBS, USA
Ericsson, Sweden	Telstra, Australia
Fox, USA	

50 Suppliers

AJA	Juniper Networks
ALC NetworX	Lawo / LSB
Aperi	Macnica Americas
Arista	Matrox
Atos	Mellanox Technologies
Avid	MNC Software
Axon Digital Design	MOG Solutions
Barco Silex	Nevion
Bosch	Nextera Video, LLC
Calrec Audio Ltd.	Nick Ryan
Cinegy	Panasonic
Cisco	Riedel
Coveloz	Ross Video
Dalet	RTI
dB Broadcast	Snell Advanced Media
DELTACAST	Sohonet
DirectOut	Sony
Embrionix Design	STORDIS
Evertz	Streampunk Media
EVS	Suitcase TV
Glitch Digital	Tektronix
Grass Valley	Telestream
Harmonic	The Telos Alliance
Imagine Communications	Xytech
IML Co. Ltd.	Yamaha