SMPTE ST 2110 **FUNDAMENTALS**

WHAT IS IT?

SMPTE ST 2110 is a groundbreaking suite of standards for IP transport in media workflows. Designed to break apart video, audio and ancillary data into separate streams, ST 2110 enables truly flexible IP-based workflows for real-time production, playout and other professional media applications.

With ST 2110, manufacturers can create products that work together seamlessly and ensure the interoperability that media companies need to make a smooth transition from SDI to IP.

THE SMPTE ST 2110 SUITE





BUSINESS BENEFITS



APPLICATIONS



Film/Broadcast/OTT production & postproduction



Museums (large audio/video displays)



Media research





Theme parks (show control, image, & sound)



Digital advertising



Contribution



Live event production



Digital release production & postproduction



Primary distribution

WHAT'S NMOS GOT TO DO WITH IT?

The Network Media Open Specifications (NMOS), developed by the Advanced Media Workflow Association (AMWA), make a 2110-based infrastructure manageable.

The specifications describe how devices on a network can detect each other and available streams



And make it easier to build IP production facilities by automating configuration of device connectivity in all environments.

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Sources: 1. Source: TVB Europe, AIMS interview. Sept 2018. 2. Source: Net Insight, "What is SMPTE 2110 and NMOS all about?"