



AMWA

Networked Media Incubator

IBC 2015 launch



Aims

- Based on JT-NM
- Promote common approach for implementations
- Looking *beyond* simple SDI wire replacement
- Attempt to reduce current fragmentation
- Practical-based activity with users and manufacturers



User goals

- Deliver richer, customizable content propositions on today's emerging platforms
- Build, define and maintain relationships between production assets
- Unlock new workflows and content formats



Way of working

- Define a scope – agree specs – implement – test
- Initial phase
 - RTP multicast transmission and reception of RFC4175 (uncompressed) video and L24 audio streams
 - Carriage of unique identifiers and timestamps within RTP header extensions
 - Registration and discovery of networked resources using REST APIs onto a distributed registry
 - Routing of multicast RTP Flows using REST APIs and SDP file parsing



Participation & timescale

- BBC will lead initial phase (Peter Brightwell Chair) with
 - AMWA members Ericsson, Snell Advanced Media, Cinegy, Dalet, EVS, Sony and Telestream
 - arkona technologies, Lawo, Axon, Barco Silex, Embrionix and InSync Technology
- Initial phase working towards plug-fest January 2016
- Join us!
 - Get in touch neil.dunstan@amwa.tv



Other Initiatives

- AS-11 Internationalization
 - Harmonization with AS-11 DPP
- Rules-based Specifications
- GitHub Open Source Specifications



Thank You