



Event and Tally in an IP world

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IP SHOWCASE THEATRE AT IBC - SEPT. 14-18, 2018



Why do I need Event & Tally?

- GPI's
- AMWA NMOS IS-07
- Relationship with IS-04, IS-05 and IS-07
- MQTT
- Demos at IBC 2018
- Next Steps





GPI's

- Contact closures
- Relays
- Lamps
- Simple!
- Complex
- Real-time





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AMWA NMOS IS-07

Project Proposal – Initial Scope of Work







AMWA NMOS IS-07

- IP Workflows
- Timing
- Open Specifications
- Scalable
- JSON ready for web
- Event Sender
- Tally Receiver
- Suitcase TV iPhrame
- RTP / UDP / Multicast / TCP

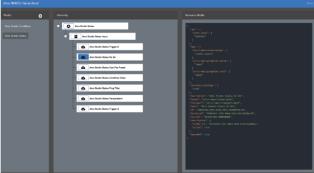


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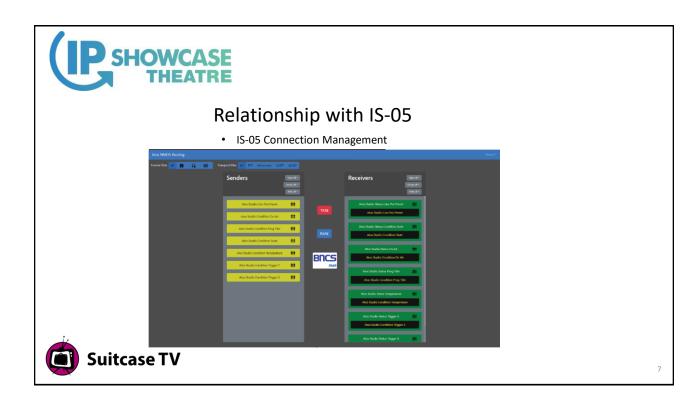


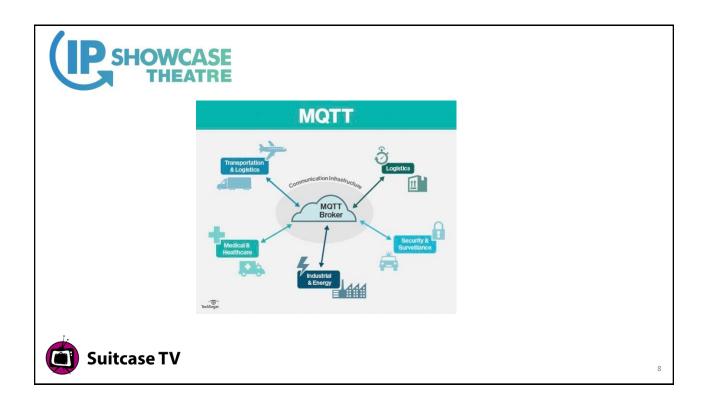
Relationship with IS-04

- IS-04 Discovery
- IS-04 Registration



Suitcase TV







MQTT

- Message Queuing Telemetry Transport
- Publish and Subscribe (PubSub)
- · Widely Adopted
- · Low Latency
- · Guaranteed Delivery
- Simple Code base
- · Open Source Implementations
- · Web Browser compatible
- · You have it on your phone!
- · Highly Scalable
- Facebook Messenger and WhatsApp



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IS-07 (Draft)

https://github.com/AMWA-TV/nmos-event-tally





Demos @ IBC 2018

- Pebble Beach Stand 8.B68
- Partnered with BNCS by AtoS
- Suitcase TV Stand 2.C10
- · Partnered with BNCS by AtoS



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Next Steps

- Ratify draft specification October 2018
- Encourage vendors and customer adoption
- · Consider how to extend where appropriate







Thank You

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