

Common TSN for Converged Networks

Open workshop hosted by IEEE 802.1 and Avnu Alliance
introduction material

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Background

- Greg Schlechter, Tom Weingartner, and Henning Kaltheuner, **“TSN Across Markets – The Core Benefits of ‘One TSN’,”** TSN/A Conference, October 2020
- Henning Kaltheuner, Genio Kronauer, Greg Schlechter, and Tom Weingartner, **“Insights and observations on TSN applied across ecosystems,”** IEEE 802 Plenary, March 2021 ([link](#))
- Tom Weingartner, Henning Kaltheuner, Greg Schlechter, and Günter Steindl, **“Diffusion of TSN across markets and ecosystems: a roadmap forward,”** TSN/A Conference, September 2021
- Greg Schlechter and János Farkas, **“Common TSN for Converged Networks – next steps,”** IEEE 802 Plenary, November 2021 ([link](#))

Motivation

- Need for network convergence is market reality
- Ensure that different applications can share one network / one hardware
- Increase the visibility and understanding of commonalities from multiple markets and applications
- Ensure that the requirements from multiple markets and applications are met

Workshop Objectives

- Collect what is needed to achieve converged networks
 - Clarify the role of TSN in network convergence
 - Potentially, follow up workshops too
- List action items / next steps
 - Who needs to do what?
 - Calls to action
- Follow up workshops to come