

20.05.2025

60802 – EDITION 2

Some topics



Routing

Route redundancy

- Many industrial automation systems rely on routing (and may do it in the future too) and system redundancy, especially in large installations e.g. DCS
 - Redundancy (routes, system, flows/streams) remains important – relation to Detnet
- To be discussed, in this context
 - Multiple TSN configuration domains – CNC/s (e.g. hierarchies of CNCs, inter-CNC protocol, interface to SDN...)
 - Support for detnet flow identifiers for QoS support over routers
 - Clock synchronization (e.g. clock domain handoff towards a router) incl. cybersecurity aspects
 - Identify further potential topics