



Work Plan

JTWG Hard Real-Time

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1 Scope of Work

Evaluate new or enhanced real-time functionality in Industrial Ethernet systems.
Harmonization of real-time functionality in common areas of different technologies of IAONA partners.
Specification of test requirements, test conditions and test procedures for real-time performance of Industrial Ethernet systems.
User guidelines regarding real-time performance of Industrial Ethernet systems.
Give input to normative committees.

2 Objectives

The following objectives are approved by the Technical Steering Committee (TSC):

1. Provide a specification of real-time parameters to define real-time performance of Industrial Ethernet systems in a scientifically correct way.
2. Provide a specification for testing and testing conditions of real-time performance of Industrial Ethernet components as well as systems including relevant system parameters.
3. Provide a user guideline for real-time parameters and testing.

3 Expected user benefits

- Support for easy to handle real-time parameters through real-time classification
- Provision of a user guideline for component and system testing