



## Work Plan

### JTWG Network Security

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#### 1 Scope of Work

Establish "know-how" for network Security in industrial automation applications and make this know-how accessible to users. This "know-how" will include:

- Recommendations on how to plan and create secure networks, provide tools for network analysis and escalation schemes. Assist manufacturers on how to develop secure network devices,
- User guidelines for network security to be provided to IT and factory floor personnel, and
- Input to normative committees.

#### 2 Objectives

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

1. Develop procedures and tools for Industrial Ethernet networks to:
  - make data flow transparent,
  - be able to monitor and maintain networks,
  - manage administrative and technical (events) processes.All this shall increase the use of Industrial Ethernet and strengthen the trust of users in this technology.
2. Identify different use cases to make it easier for users to find answers to their problems.
3. Develop and maintain the "IAONA Handbook for Network Security".
4. Participate in IEC SC 65C/ WG 13.

#### 3 Expected user benefits

- Support for security risk analysis
- Support in the selection of appropriate security measures
- Avoidance of down time caused by security leaks