



# INSTAR Task Forces

AIOTI Days, 25 September 2024

27/09/2024

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**OBJECTIVES**

**General Objective: To support the implementation of the EU Digital Partnerships and the EU-US TTC by working together with 7 international partners to drive international standards for 6 emerging technologies**

Obj.1: Organise events to collect feedback to guide the activities of the EU Digital Partnerships & EU-US TTC

Obj.2: Multilateral coordination with the 7 international partners on long-term common standardisation goals

Obj.3: Create an EU standardisation priorities roadmap to guide the activities of the SDOs, EU Digital Partnerships and EU-US TTC

**Community**

- Coordination Board with SDO reps.
- 6 International Task Forces
- 1,000+ engaged community members across all Stakeholder Groups (SGs)

Standards Dashboard

DPs & EU-US TTC post-event reports

Work Streams

(1. AI, 2. Data 3. Cybersecurity, EID, 4. IoT/EDGE, Cloud/Internet, 5. 5G/6G, 6. Quantum Technologies)

Key Exploitable Results



Global Standards community of experts

European Task Forces

International Task Forces

EU Standardisation priorities roadmap

**Synergies**

- Signed MoUs with National, European, and Int'l organisations and initiatives
- Continuous engagement and exchanges on all ICT standards topics
- Regular interactions with relevant EC Offices & other: (Including. MSP, Sherpa Groups of the High-level standardisation office, STAIR
- Collaborations with targeted HE Standards projects:


**Outreach**

- 6 Workshops on results from the ETFs
- 6 Webinars on the roadmaps
- 1 Final INSTAR Impact event
- 8 newsletters
- 5 Professional Videos
- Visibility at 24 3rd party events
- Social media channel presence
- 10 Press Releases

**Reports & other value-add info**

- 6 Roadmaps (with digestable downloadable factsheet)
- Targeted blogposts in key technology areas
- 1 Report to assess SSH implications
- All Results published via zenodo
- Bi annual reports on each workstream

## About INSTAR Task Forces and the roadmap







- The **INSTAR European Task Forces (ETF)** are specialised groups of **standardisation experts**, integrating **technical** and **industry expertise**, dedicated to facilitating **robust knowledge exchange** and **influencing the development of international standards** in line with EU policies.
- The **INSTAR International Task Forces (ITF)** differ from the ETFs in their scope and operation. While ETFs focus on direct communication and knowledge exchange, ITFs are geared towards establishing communication channels with the target entities from Australia, Canada, Japan, Singapore, South Korea, Taiwan, USA and the development and implementation of **high-level standard framework roadmaps** for each technology domain, which are crucial for **aligning international standardisation efforts with European strategies and policies** and fostering a **unified vision** and **actionable steps** across different technology domains.
- **INSTAR's Task Forces** bring a **unique value** to the **standardisation landscape** through their focus on **direct person-to-person exchanges** and the development of **comprehensive frameworks** tailored to specific technology sectors (AI, Cybersecurity, Digital ID, Quantum, IoT, 5G/6G and data). This approach ensures effective alignment with common visions and applications, differentiating them from existing standardisation working groups.

# INSTAR European Task Forces

## ETF

## Priorities

## Lead/Members

|   |   |                                     |
|---|---|-------------------------------------|
| <br>AI           | Secure, trustworthy and ethical development and use of AI systems (ML algorithms, neural networks, analytics, autonomous systems)   | <b>AIT, Fraunhofer</b>              |
| <br>CYBERSEC-eID | Cybersecurity & electronic identification in industries such as healthcare, manufacturing, financial services, energy, automotive   | <b>Trust-IT, AIT</b>                |
| <br>DATA         | Data quality, syntactic, semantic and pragmatic characteristics of data   | <b>Fraunhofer, NCSR D, Trust-IT</b> |
| <br>IOTEDGE      | Cloud, Edge (Near vs. Far edge), IoT in manufacturing, precision agriculture, mobility, energy grids, smart cities, healthcare etc. | <b>AIOTI, Trust-IT, TU Delft</b>    |
| <br>5G+        | Convergence of communications, sensing, sustainable services & AI   | <b>fortiss, Fraunhofer</b>          |
| <br>QUANTUM    | Quantum computing, communication, sensing, cryptography and post-quantum cryptography   | <b>NCSR D, AIT</b>                  |

# INSTAR International Task Forces

Two-stage strategy for supporting the Digital Partnerships (DPs), Trade and Technology Council (TTC) and trade agreements (TAs):

- Short-term work at the pace of the DPs/TTC/TAs | Bilateral:
  - **After a DP/TTC/TA meeting** has been held, support standardisation items by helping to action agreements through interaction with our TF experts, e.g. through workshops; this process is WIP.
  - 2-3 months **before a DP/TTC/TA meeting**:
    - Organise workshops to collect inputs to help shape the meetings with multiple stakeholders
    - Provide summary report to be used as input to meeting prep.
- Medium-term | Multilateral:
  - Identify TF topics that are relevant to more than one DP/TTC/TA partner country
  - Engage with the relevant organisations through TF members that are already active
  - Organise multi-lateral meetings to explore potential collaboration on an international SDO level
  - Timeline: End of June for the first round

## Our consortium

Coordinator



fortiss

