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| **Liaison Statement** |
| **Title:** | **Liaison statement from ETSI TC MTS to ISO/IEC JTC1 SC42** |
| Date: | 2024-01-25 |
|  |  |
| **From** (source): | ETSI TC MTS |
| Contact(s): | makedonski@informatik.uni-goettingen.de; juergen.grossmann@fokus.fraunhofer.de |
|  |  |
| **To:** | ISO/IEC JTC1 SC42 |
| **Copy to:** |  |
|  |  |
| Response to:(if applicable) |  |
|  |  |
| Attachments: (if applicable) | ETSI DTR/MTS 103901ETSI DTS/MTS 104008 |
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ETSI TC MTS is currently working on two work items related to testing and auditing ML-based systems. These work items are:

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| --- | --- | --- |
| **Work Item** | **Title** | **Status** |
| ETSI DTR/MTS 103901  | MTS AI Testing Test Methodology and Test Specification for AI-enabled Systems | Early Draft |
| ETSI DTS/MTS 104008 | MTS Continuous Auditing Based Conformity Assessment for AI-enabled systems | Early Draft |

Where: EG = ETSI Guide

 TR = Technical Report

 TS = Technical Specification

Copies of the latest drafts of these documents are attached. We see especially a relation to the following ISO documents:

* ISO/IEC AWI TS 29119-11 — Software and systems engineering — Software testing: Part 11: Testing of AI systems
* ISO/IEC DIS 5259-2 — Artificial intelligence — Data quality for analytics and machine learning (ML) — Part 2: Data quality measures
* ISO/IEC AWI TS 17847 — Artificial intelligence — Verification and validation analysis of AI systems
* [ISO/IEC AWI TR 42106](https://www.iso.org/standard/86903.html?browse=tc) — Artificial intelligence — Overview of differentiated benchmarking of AI system quality characteristics
* ISO/IEC 25059 — Systems and software Quality Requirements and Evaluation (SQuaRE) — Quality model for AI systems
* ISO/IEC 25058 — Systems and software Quality Requirements and Evaluation (SQuaRE) — Guidance for quality evaluation of artificial intelligence (AI) systems
* ISO/IEC CD 12792 — Information technology — Artificial intelligence — Transparency taxonomy of AI systems

Moreover, ETSI TC MTS will start in 2024 with a TTF dedicated to work on a Harmonized Documentation Scheme for Trustworthy AI by providing a systematic outline on

* documentation requirements associated with the European AI Act and associated standardization activities,
* an overview on existing documentation approaches established in the industry, as well as
* recommendations for a harmonized documentation scheme considering regulatory requirements, different stakeholder profiles and industry best practices.

ETSI TC MTS would welcome any ISO/IEC JTC1 SC42 comments on the above mentioned documents as well as to the planned TTF, which should be provided by April 1st, 2024.

ETSI TC MTS has conference calls on regular basis. The next face-to-face next meeting of the ETSI TC MTS AI will be on February, Monday 12th, 2024.

Enclosures

1. ETSI DTR/MTS 103901 AI Testing Test Methodology and Test Specification for AI-enabled Systems
2. ETSI DTS/MTS 104008 Continuous Auditing Based Conformity Assessment for AI-enabled systems Harmonized Documentation