



**Methods for Testing & Specification (MTS);
AI Testing;
Guidelines for Documentation of
AI-enabled Systems**

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Foreword

This Technical Report (TR) has been produced by ETSI Technical Committee Methods for Testing and Specification (MTS).

Modal verbs terminology

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1 Scope

The present document provides guidelines and recommendations for documentation schemes that support the continuous and consistent documentation of quality and quality related attributes for AI-enabled systems.

This includes an analysis of current documentation schemes and Use case examples. It also defines a process how to document AI-enabled systems.

2 References

2.1 Normative references

Normative references are not applicable in the present document.

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents may be useful in implementing an ETSI deliverable or add to the reader's understanding, but are not required for conformance to the present document.

- [i.1] [ISO/IEC TR 24028:2020](#): "Information technology — Artificial intelligence — Overview of trustworthiness in artificial intelligence".
- [i.2] [Regulation \(EU\) 2024/1689](#) of the European Parliament and of the Council of 13 June 2024 laying down harmonised rules on artificial intelligence and amending Regulations (EC) No 300/2008, (EU) No 167/2013, (EU) No 168/2013, i.92i.2 (EU) 2018/858, (EU) 2018/1139 and (EU) 2019/2144 and Directives 2014/90/EU, (EU) 2016/797 and (EU) 2020/1828.
- [i.3] OECD, adopted on 2019-05-22, amended on 2023-11-08: "[Recommendation of the Council on Artificial Intelligence](#)".
- [i.4] [ISO/IEC 22989:2022](#): "Information technology — Artificial intelligence — Artificial intelligence concepts and terminology".
- [i.5] High-Level Expert Group on Artificial Intelligence (HLEG AI), published 2019-04-08: "[Ethics guidelines for trustworthy AI](#)".
- [i.6] [ISO/IEC 25059:2023](#): "Software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Quality model for AI systems".
- [i.7] [ISO/IEC 25010:2023](#): "Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Product quality model".
- [i.8] [ISO/IEC 25019:2023](#): "Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Quality-in-use model".
- [i.9] [ISO/IEC TR 5469:2024](#): "Artificial intelligence — Functional safety and AI systems".
- [i.10] [ISO/IEC 23894:2023](#): "Information technology — Artificial intelligence — Guidance on risk management".
- [i.11] [ISO/IEC 42001:2023](#): "Artificial intelligence - Management system".