

C.1 Mission Objectives

[Go to DIDO-TE Requirements](#)

The [Mission Objectives](#) identify the high-level outcomes that guide the DIDO-TE requirements, Concept of Operations, architecture, implementation, operation, and [Operational Lifecycle](#).

The DIDO-TE Mission Objectives address governed and reproducible test environments, automated test execution, baseline generation, comparison, validation, Evidence generation, secure operation, reuse, and integration with external systems.

Mission Objectives describe the outcomes DIDO-TE seeks to achieve. Functional, security, logging and auditing, reliability, performance, maintainability, data management, and interoperability requirements define the independently verifiable obligations that support those outcomes.

Contents

- [MO-002 — Reproducible Test Environments and Test Execution](#)
- [MO-004 — DIDO Baseline Comparison and Validation](#)
- [MO-006 — Application-Independent and Infrastructure-Independent Testing](#)
- [MO-007 — Connected, Disconnected, and Air-Gapped Operation](#)
- [MO-008 — Traceable Test Results and Evidence](#)
- [MO-009 — Reusable Test Resources](#)
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- [MO-003 — Automated Test Execution](#)
- [MO-005 — Comparative Evaluation of Candidate Solutions](#)

Notes for Editors

This page is a non-leaf requirements category page and does not contain normative requirement Statements.

Assign each Mission Objective a stable identifier using the form MO - nnn.

Retain an assigned Mission Objective identifier throughout the requirement lifecycle.

Do not reuse an identifier assigned to a retired, withdrawn, deprecated, or superseded Mission Objective.

Preserve the wording and identifier of each Original Requirement in its source information.

A canonical DIDO-TE Mission Objective may correct terminology, normative language, ambiguity, atomicity, or other CWE and SDA deficiencies without changing the approved intent of the Original Requirement.

When an Original Requirement contains multiple independently interpretable or independently

verifiable obligations:

- Preserve the Original Requirement on a non-leaf parent page
- Assign the parent requirement an identifier such as M0-002
- Assign each derived leaf requirement a lowercase suffix such as M0-002a and M0-002b
- Include a **Derived From** section on each derived requirement page
- Identify every requirement derived from the same parent requirement
- Preserve traceability to the Original Requirement

A requirement that does not result from decomposition uses a **Source** section rather than a **Derived From** section.

Apply SDA pattern detection before performing CWE evaluation.

Each Mission Objective should:

- Identify an explicit responsible actor
- Express one independently interpretable outcome
- Use defined terminology consistently
- Use explicit normative language
- Avoid vague, weak, open-ended, and logically ambiguous expressions
- Avoid unnecessary implementation-specific mechanisms
- Support objective verification
- Preserve traceability to its source material
- Preserve traceability to supporting operational, functional, quality, and conformance requirements

Incoming traceability should use the Wiki Backlinks function rather than a manually maintained list.

To reference a requirement Statement from another Wiki page, insert:

```
{{section><namespace>#Statement&noheader&nofooter&noeditbtn}}
```

Replace <namespace> with the namespace of the requirement page to reference.

The section name following # SHALL match the section heading verbatim on the requirement page.

Leaf requirement pages omit a trailing :start from their namespaces.

Non-leaf requirement pages retain a trailing :start in their namespaces.

Do not rename a requirement page after an external citation unless a redirect or move plan is in place.

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