

C.1 Mission Objectives

[Go to Annex C: Requirements](#)

The [Mission Objectives](#) identify the high-level outcomes that guide the [Distributed Immutable Data Object Test Environment \(DIDO-TE\)](#) requirements, [Concept of Operations](#), architecture, realization, operation, and [Operational Lifecycle](#).

Mission Objectives describe intended outcomes rather than prescribing a particular product, implementation, or realization technology.

The DIDO-TE Mission Objectives address:

- [Governed Test Environments](#)
- [Reproducible](#) Test Environments
- Reproducible [Test Execution](#)
- Automated Test Execution
- [Baseline](#) establishment
- Baseline comparison
- Comparative evaluation of candidate solutions
- [Validation](#)
- [Connected Environment](#) operation
- [Disconnected Environment](#) operation
- [Air-Gapped Environment](#) operation
- [Traceable Test Results](#)
- Governed [Evidence](#)
- Reusable [Test Definitions](#)
- Reusable [Executable Artifacts](#)
- Reusable [Test Resources](#)
- Integration with external systems

Operational, functional, security, logging and auditing, reliability, performance, maintainability, data-management, interoperability, and conformance [Requirements](#) define the independently verifiable obligations that support these outcomes.

The Mission Objectives derive from the applicable source documents identified in Annex B. A Mission Objective may derive directly from a source obligation or result from decomposition of a broader source objective.

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](#)
- [MO-001 — Governed Distributed Test Environments](#)

- [MO-003 — Automated Test Execution](#)
 - [MO-005 — Comparative Evaluation of Candidate Solutions](#)
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Notes for Editors

This page is a non-leaf requirement-category page and does not establish a separate conformance obligation.

Mission Objectives use the M0 requirement prefix.

Each Mission Objective retains its assigned identifier throughout its lifecycle. Do not reuse an identifier assigned to a retired, withdrawn, deprecated, or superseded Mission Objective.

A Mission Objective may be represented by an individual leaf requirement or by a non-leaf requirement group when decomposition into independently verifiable subordinate objectives is required.

Apply the requirement identification, decomposition, source and derivation, normative-language, quality, status, and page-structure rules defined by Annex C.

Preserve Traceability from each Mission Objective to its source material and to the supporting operational, functional, quality, security, and conformance requirements.

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