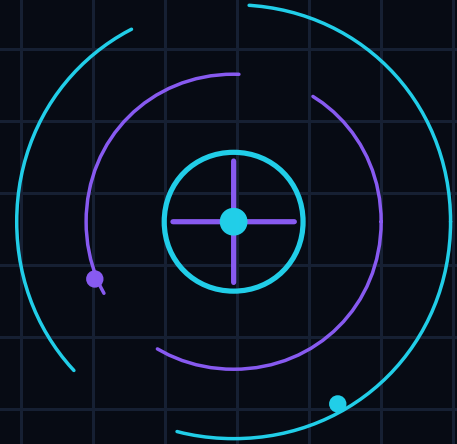




MYTHOS SYSTEMS

ENGINEERING STANDARDS LIBRARY /
FOUNDATION

MYTHOS-FND-EXEC-0001 / FOUNDATION AND GOVERNANCE



CANDIDATE STANDARD

Foundation Standards Executive Synthesis

The institutional operating system for permanent Mythos engineering standards:
authority, evidence, assessment, lifecycle, interfaces, AI, and agentic control.

PERMANENT ID

MYTHOS-FND-EXEC-0001

PUBLICATION CLASS

CANDIDATE STANDARD

VERSION / STATUS

1.0.0-candidate / CANDIDATE

EXECUTIVE SYNTHESIS

Foundation Standards

Permanent institutional doctrine inherited by the Mythos Engineering Standards Library.

Permanent ID
MYTHOS-FND-EXEC-0001

Version
1.0.0-candidate

Status
Candidate Executive Synthesis

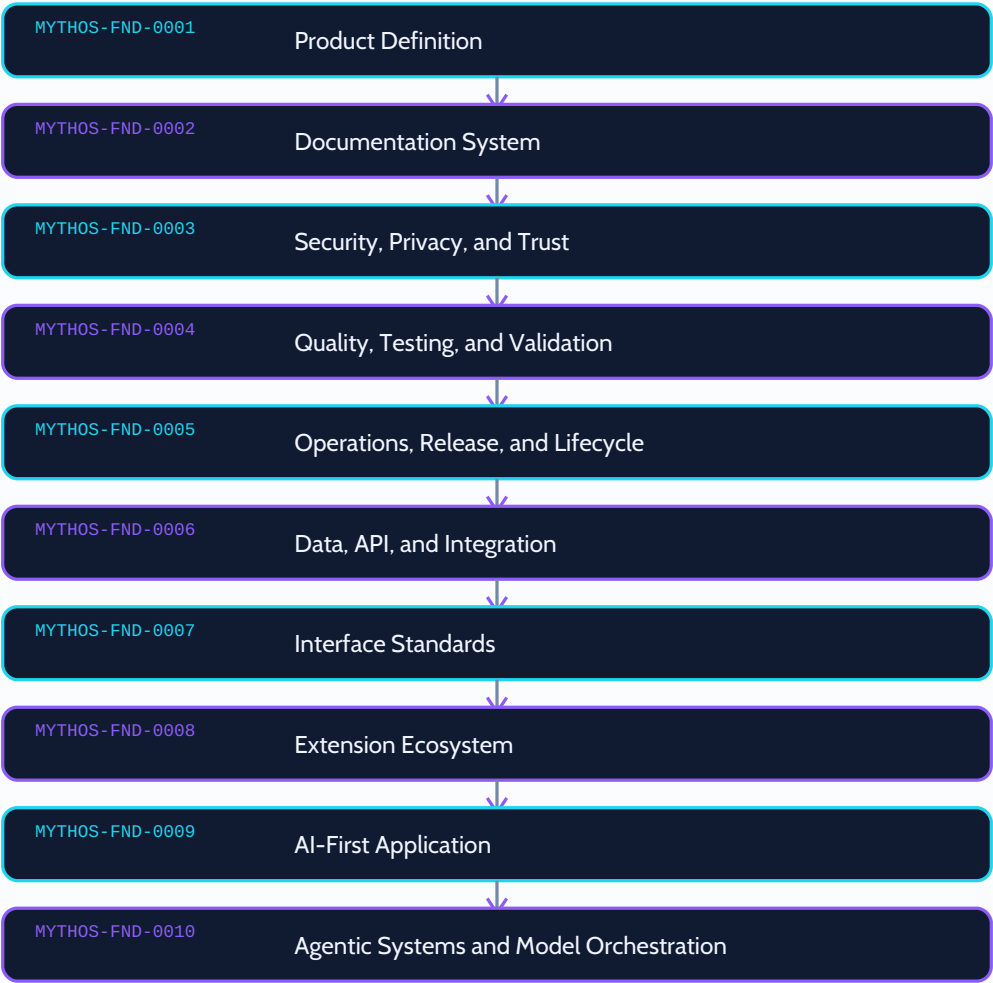
Validated
2026-09-17

STANDARDS 10 Permanent canonical publications	CONTROLS 187 Normative controls	PROFILES 3 Foundational / Advanced / High Assurance	METHODS 4 Examine / Interview / Test / Measure
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Institutional purpose

The Foundation series defines how Mythos publications and adopting organizations convert intent into governed requirements, preserve authority and evidence, integrate trust, test outcomes, operate safely, manage data and interfaces, govern extensions, and constrain AI and agentic behavior. The standards are designed to operate as a connected system rather than ten isolated checklists.

FOUNDATION DEPENDENCY MODEL



The ten permanent standards

MYTHOS-FND-0001

Product Definition

Govern product intent before implementation: evidence, scope, requirements, invariants, risk, and objective acceptance.

16 controls / 48 pages

MYTHOS-FND-0002

Documentation System

Treat documentation as an engineered authority, evidence, traceability, and lifecycle system.

18 controls / 50 pages

MYTHOS-FND-0003

Security, Privacy, and Trust

Engineer security, privacy, and trust as system properties with explicit authority, isolation, evidence, and resilience.

19 controls / 58 pages

MYTHOS-FND-0004

Quality, Testing, and Validation

Turn requirements, hazards, and production behavior into reproducible verification and validation evidence.

19 controls / 52 pages

MYTHOS-FND-0005

Operations, Release, and Lifecycle

Govern readiness, release, operation, recovery, maintenance, deprecation, and retirement as one lifecycle.

18 controls / 51 pages

MYTHOS-FND-0006

Data, API, and Integration

Make data meaning, contracts, interfaces, events, lineage, reliability, and compatibility explicit and testable.

19 controls / 51 pages

MYTHOS-FND-0007

Interface Standards

Design human interfaces that preserve understanding, accessibility, authority, safety, feedback, and recovery.

18 controls / 50 pages

MYTHOS-FND-0008

Extension Ecosystem

Govern extensions, plugins, publishers, provenance, admission, capabilities, isolation, updates, and revocation.

18 controls / 50 pages

MYTHOS-FND-0009

AI-First Application

Govern material AI behavior through justified use, impact analysis, evaluation, grounding, human control, and lifecycle evidence.

19 controls / 51 pages

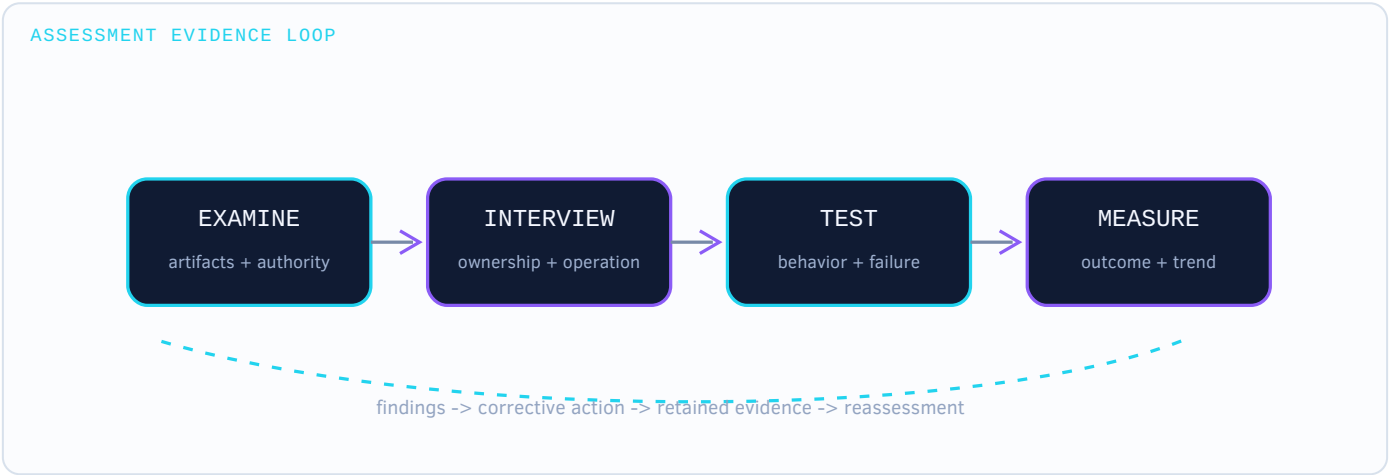
MYTHOS-FND-0010

Agentic Systems and Model Orchestration

Bound delegated action with mission contracts, policy, tool controls, memory governance, budgets, evidence, verification, and containment.

23 controls / 57 pages

Shared assurance doctrine



Conformance is bounded by scope, version, profile, tailoring, evidence period, assessor, and unresolved findings. Candidate status does not imply certification or implementation effectiveness. Evidence quality, independence, freshness, and reproducibility determine assessment confidence.

Implementation profiles

Profile	Institutional expectation	Typical evidence posture
Foundational	Broadly applicable minimum governance and engineering controls.	Defined ownership, current records, repeatable tests, retained evidence.
Advanced	Stronger automation, scale, independence, observability, and change discipline.	Automated policy checks, independent challenge, richer operational evidence.
High Assurance	Continuous or independent validation where consequence warrants it.	Adversarial testing, stronger isolation, continuous verification, formal or cryptographic evidence where practical.

Adoption sequence

OPERATING FLOW / MYTHOS-FND-EXEC-0001



Adoption begins by establishing accountable ownership and authoritative records, then baselining controls and evidence, implementing the selected profile, independently assuring consequential capabilities, and operating a continuous corrective-action loop. Later Mythos domain standards inherit this grammar rather than redefining it.

Publication integrity and release posture

Candidate publication set

All ten standards use permanent IDs and stable public filenames. External authority registers were revalidated on 2026-09-17; active drafts are identified without silently displacing current final authorities. The release package includes machine-readable publication, control, authority, site-metadata, QA, and SHA-256 manifests.