



MYTHOS-LIB-REG-0001

Master Engineering Standards Library Registry

Canonical registry of public Mythos publications, permanent IDs, statuses, series, routes, relationships, revision state, and lifecycle metadata.

250	19	26
PUBLICATIONS	CLASSES	STANDARD SERIES

CANDIDATE LIBRARY REGISTRY

Mythos Systems | Permanent ID | 17 September 2026

This candidate publication is complete for structured technical review. It does not by itself establish certification, legal compliance, implementation conformance, benchmark reproduction, or final approval.

PERMANENT PUBLICATION IDENTITY

Master Engineering Standards Library Registry

MYTHOS-LIB-REG-0001 / Library Registry

Field	Value
Document ID	MYTHOS-LIB-REG-0001
Publication class	Library Registry
Status	Candidate Library Registry
Release date	2026-09-17
Canonical route	/library/library-and-registry/mythos-lib-reg-0001/
Refresh cadence	90 days
Public identity	Permanent ID; production workflow metadata excluded

Publication position

This candidate publication is complete for structured technical review. It does not by itself establish certification, legal compliance, implementation conformance, benchmark reproduction, or final approval.

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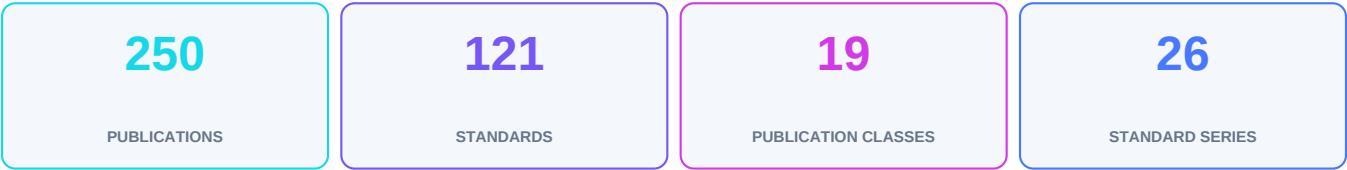
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1. Registry purpose and source-of-truth position

This registry is the canonical public inventory for the locked Mythos Engineering Standards Library baseline. It records permanent IDs, publication classes, categories, domain/series placement, public filenames, routes, refresh cadence, and lifecycle expectations. It intentionally excludes internal production workflow identifiers.



Registry lifecycle



2. Registry invariants

Control	Rule
Permanent ID	Ordinary revision retains the same ID. New IDs represent genuinely different publication identities.
Canonical route	A publication has one stable public route; redirects preserve earlier public locations when required.
Filename	Public filenames begin with permanent ID and contain no temporary workflow identity.
Lifecycle	Candidate, superseded, withdrawn, and current relationships are explicit.
Freshness	Refresh cadence and priority are machine-readable and drive review queues.
Integrity	Release artifacts are checksummed; catalog records point to the exact public filename.

3. Publication class register

Publication class	Count	Operating role
Architecture Compendium	5	Curated architecture family map and implementation relationships.
Architecture Roadmap	1	Future architecture coverage plan and publication sequencing.
Authority Crosswalk	9	Directional mapping to external authorities with version, confidence, limitations, and expiration.
Benchmark Method	1	Evaluation method, scoring/evidence doctrine, and reproducibility requirements.
Comparative Evaluation	8	Profile-specific evaluation under declared gates, weights, evidence confidence, and lifecycle risk.
Engineering Guide	15	Integrated reading, implementation, operations, and maturity path across multiple publications.
Evaluation Compendium	2	Integrated comparative-evaluation family guide.
Executive Portfolio	10	Leadership synthesis and portfolio-level adoption context.
Executive Report	1	Consolidated strategic synthesis across the permanent library.
Governance Method	1	Reusable governance process and lifecycle controls.
Library Registry	1	Canonical inventory and lifecycle source of truth.
Library Taxonomy	1	Controlled vocabulary and information architecture.
Portfolio Edition	11	Curated combined edition for navigation and review.
Reference Architecture	20	Reusable architecture context, component model, flows, failure modes, deployment profiles, and verification.
Research Annex	7	Domain integration of research results and adoption posture.
Research Report	33	Time-bounded evidence synthesis, limitations, adoption posture, and validation plan.
Source Reconciliation Audit	2	Source lineage, disposition, conflict, and completeness evidence.
Standard	121	Normative engineering requirements, evidence, assessment, exceptions, and lifecycle controls.
Web Catalog	1	Public route, metadata, search, accessibility, and publication-detail contract.

4. Standard-series register

Series	Domain	Count	Refresh profile
AI	Artificial Intelligence	15	High / 90d
CLD	Cloud Engineering	11	High / 90d
DAT	Data, State, and Evidence	5	Medium / 120d
DBS	Database and Storage	3	Medium / 180d
DST	Distributed Systems	2	Medium / 180d
EDU	Learning and Workforce	1	Medium / 180d
EMT	Emerging Technology	4	High / 90d
END	Endpoint Engineering	1	Medium / 120d
FND	Foundation and Governance	10	Baseline / 365d
GRC	Governance, Risk, and Compliance	2	High / 90d
HW	Hardware and Trusted Compute	2	Medium / 120d
ID	Identity and Access	2	Medium / 180d
IOT	IoT and Edge Sensors	1	Medium / 120d
KNW	Knowledge and Grounding	2	High / 90d
MED	Realtime Media	1	Medium / 120d
NET	Network Engineering	11	Medium / 180d
OT	Operational Technology	1	Medium / 180d
PLT	Platform Engineering	6	Medium / 180d
QTC	Quantum Technology	3	High / 90d
ROB	Physical AI and Robotics	1	High / 90d
SEC	Cybersecurity and Network Security	17	High / 90d
SRE	Reliability Engineering	3	Medium / 180d
SWE	Software Engineering	9	Medium / 180d
TEL	Telecommunications	3	High / 90d
UX	User Experience and Human-System Interaction	4	Medium / 180d
WEB	Web Runtime Engineering	1	High / 90d

5. Refresh and lifecycle register

Refresh priority	Count	Meaning
High	99	Short horizon; revalidate on material authority or technology change.
Medium	139	Managed periodic review with event-triggered refresh.
Baseline	12	Stable control-plane publication; revise when library identity/governance changes.

6. Canonical publication inventory

Authority Crosswalks

9 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
AUTH-001	NIST Current-Version Authority Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-001/
AUTH-002	CISA Directives, Catalogs, and Operational Guidance Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-002/
AUTH-003	CIS Controls and Benchmarks Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-003/
AUTH-004	IETF, RFC, IANA, and OpenID Protocol Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-004/
AUTH-005	IEEE, Wi-Fi Alliance, Thread, and Matter Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-005/
AUTH-006	OWASP and CERT Application, API, AI, Mobile, and Disclosure Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-006/
AUTH-007	DoD, DISA, DFARS, and CMMC Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-007/
AUTH-008	MITRE and FIRST Threat, Defense, and Vulnerability Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-008/
AUTH-009	External Benchmark and Industry Measurement Crosswalk	Authority Crosswalk	60d	/library/authority-crosswalks/auth-009/

Comparative Evaluations

8 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
CMP-001	NetBox and Nautobot	Comparative Evaluation	90d	/library/evaluations/cmp-001/
CMP-002	Enterprise Next-Generation Firewall Platforms	Comparative Evaluation	90d	/library/evaluations/cmp-002/
CMP-003	Enterprise SIEM Platforms	Comparative Evaluation	90d	/library/evaluations/cmp-003/
CMP-004	Agentic Frameworks and Managed Agent Runtimes	Comparative Evaluation	90d	/library/evaluations/cmp-004/
CMP-005	Modern Private Networking and Zero-Trust Overlay Platforms	Comparative Evaluation	90d	/library/evaluations/cmp-005/
CMP-006	Enterprise Campus Networking Platforms	Comparative Evaluation	90d	/library/evaluations/cmp-006/
CMP-007	Infrastructure as Code and Control-Plane Platforms	Comparative Evaluation	90d	/library/evaluations/cmp-007/
CMP-008	Configuration Management and Network Automation Frameworks	Comparative Evaluation	90d	/library/evaluations/cmp-008/

Executive Reports

10 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-ADVTECH-EXEC-0001	Emerging and Advanced Technology Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-advtech-exec-0001/
MYTHOS-AIKDIL-EXEC-0001	AI, Knowledge, Data, Identity, and Learning Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-aikdil-exec-0001/
MYTHOS-AUTH-EXEC-0001	Authority Crosswalk Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-auth-exec-0001/
MYTHOS-CLOUDEDGE-EXEC-0001	Cloud, Edge, Hardware, Media, and Web Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-cloudedge-exec-0001/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-CMP-EXEC-0001	Comparative Evaluation Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-cmp-exec-0001/
MYTHOS-FND-EXEC-0001	Foundation Standards Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-fnd-exec-0001/
MYTHOS-NETSEC-EXEC-0001	Network and Security Standards Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-netsec-exec-0001/
MYTHOS-RA-EXEC-0001	Reference Architecture Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-ra-exec-0001/
MYTHOS-RES-EXEC-0001	Research Intelligence Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-res-exec-0001/
MYTHOS-SWPLT-EXEC-0001	Software, Platform, Distributed Data, and Reliability Executive Portfolio	Executive Portfolio	180d	/library/executive/mythos-swplt-exec-0001/

Guides and Handbooks

29 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-CMP-COMP-AI-0001	Agentic Framework Comparative Evaluation Compendium	Evaluation Compendium	90d	/library/guides/evaluation-compendia/mythos-cmp-comp-ai-0001/
MYTHOS-CMP-COMP-SWPLT-0001	Platform Automation Comparative Evaluation Compendium	Evaluation Compendium	90d	/library/guides/evaluation-compendia/mythos-cmp-comp-swplt-0001/
MYTHOS-GUIDE-AI-0001	Enterprise AI And Agentic Systems Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-ai-0001/
MYTHOS-GUIDE-CLD-0001	Enterprise Cloud Compute And Hardware Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-cld-0001/
MYTHOS-GUIDE-CRYPTO-0001	Advanced Cryptography And Verifiable Compute Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-crypto-0001/
MYTHOS-GUIDE-EDGE-0001	Endpoint Edge OT IoT And Telecommunications Operations Guide	Engineering Guide	180d	/library/guides/mythos-guide-edge-0001/
MYTHOS-GUIDE-EMT-0001	Emerging Compute Sovereign AI Photonics And Neuromorphic Systems Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-emt-0001/
MYTHOS-GUIDE-KDIL-0001	Knowledge Data Identity And Learning Governance Guide	Engineering Guide	180d	/library/guides/mythos-guide-kdil-0001/
MYTHOS-GUIDE-MEDIAWEB-0001	Realtime Media And Browser Compute Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-mediaweb-0001/
MYTHOS-GUIDE-NET-0001	Enterprise Network Engineering Architecture And Operations Guide	Engineering Guide	180d	/library/guides/mythos-guide-net-0001/
MYTHOS-GUIDE-NETSEC-0002	Network And Security Engineering Library Guide	Engineering Guide	180d	/library/guides/mythos-guide-netsec-0002/
MYTHOS-GUIDE-OPS-0001	Distributed Systems Data And Reliability Operations Guide	Engineering Guide	180d	/library/guides/mythos-guide-ops-0001/
MYTHOS-GUIDE-QTC-0001	Quantum Computing Networking QKD And Migration Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-qtc-0001/
MYTHOS-GUIDE-ROB-0001	Physical AI Robotics Sensor Fusion And Autonomous Fleet Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-rob-0001/
MYTHOS-GUIDE-SEC-0001	Enterprise Cybersecurity Architecture And Operations Guide	Engineering Guide	180d	/library/guides/mythos-guide-sec-0001/
MYTHOS-GUIDE-SWE-0001	Enterprise Software And Platform Engineering Guide	Engineering Guide	180d	/library/guides/mythos-guide-swe-0001/
MYTHOS-GUIDE-SWEPLT-0002	Software, Platform, Data, And Reliability Library Guide	Engineering Guide	180d	/library/guides/mythos-guide-sweplt-0002/
MYTHOS-RA-COMP-ADVTECH-0001	Emerging And Advanced Technology Reference Architecture Compendium	Architecture Compendium	180d	/library/guides/architecture-compendia/mythos-ra-comp-advtech-0001/
MYTHOS-RA-COMP-AIKDIL-0001	AI Knowledge Data Identity And Learning Reference Architecture Compendium	Architecture Compendium	180d	/library/guides/architecture-compendia/mythos-ra-comp-aikdil-0001/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-RA-COMP-CLOUD EDGE-0001	Cloud Edge And Trusted Compute Reference Architecture Compendium	Architecture Compendium	180d	/library/guides/architecture-compendia/mythos-ra-comp-cloudedge-0001/
MYTHOS-RA-COMP-NETSEC-0001	Network And Security Reference Architecture Compendium	Architecture Compendium	180d	/library/guides/architecture-compendia/mythos-ra-comp-netsec-0001/
MYTHOS-RA-COMP-SWPLT-0001	Software Platform And Reliability Reference Architecture Compendium	Architecture Compendium	180d	/library/guides/architecture-compendia/mythos-ra-comp-swplt-0001/
MYTHOS-RES-ANNEX-AIKDIL-0001	AI Knowledge Data Identity And Learning Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-aikdil-0001/
MYTHOS-RES-ANNEX-CLOUDEDGE-0001	Cloud Edge Telecom Hardware Media And Web Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-cloudedge-0001/
MYTHOS-RES-ANNEX-CRYPTO-0001	Advanced Cryptography PQC FHE ZKP And Quantum Networking Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-crypto-0001/
MYTHOS-RES-ANNEX-EMT-0001	Neuromorphic Npu Silicon Photonics And Edge Compute Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-emt-0001/
MYTHOS-RES-ANNEX-FUTURENET-0001	DePIN Physical AI RAN Automation And 5G 6G Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-futurenet-0001/
MYTHOS-RES-ANNEX-NETSEC-0001	Network And Security Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-netsec-0001/
MYTHOS-RES-ANNEX-SWPLT-0001	Software Platform And Reliability Research Annex	Research Annex	90d	/library/guides/research-annexes/mythos-res-annex-swplt-0001/

Library and Registry

4 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-LIB-EXEC-0001	Consolidated Engineering Standards Library Executive Report	Executive Report	180d	/library/library-and-registry/mythos-lib-exec-0001/
MYTHOS-LIB-REG-0001	Master Engineering Standards Library Registry	Library Registry	90d	/library/library-and-registry/mythos-lib-reg-0001/
MYTHOS-LIB-TAX-0001	Engineering Standards Library Taxonomy	Library Taxonomy	180d	/library/library-and-registry/mythos-lib-tax-0001/
MYTHOS-WEB-CAT-0001	Web Publication Catalog and Information Architecture	Web Catalog	120d	/library/library-and-registry/mythos-web-cat-0001/

Methods and Governance

3 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-BMK-CMP-0001	Comparative Evaluation and Benchmark System	Benchmark Method	180d	/library/methods-and-governance/mythos-bmk-cmp-0001/
MYTHOS-GOV-AUTH-0001	Authority Mapping Lifecycle, Confidence, and Expiration Method	Governance Method	180d	/library/methods-and-governance/mythos-gov-auth-0001/
MYTHOS-RA-ROADMAP-001	Future Reference Architecture Roadmap	Architecture Roadmap	180d	/library/methods-and-governance/mythos-ra-roadmap-001/

Portfolio Editions

11 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-ADVTECH-PORT-0001	Emerging and Advanced Technology Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-advtech-port-0001/
MYTHOS-AIKDIL-PORT-0001	AI, Knowledge, Data, Identity, and Learning Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-aikdil-port-0001/
MYTHOS-AUTH-PORT-0001	Authority Crosswalk Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-auth-port-0001/
MYTHOS-CLOUDEDGE-PORT-0001	Cloud, Endpoint, OT, Telecom, Hardware, IoT, Media, and Web Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-cloudedge-port-0001/
MYTHOS-CMP-PORT-0001	Comparative Evaluations Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-cmp-port-0001/
MYTHOS-FND-PORT-0001	Foundation Standards Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-fnd-port-0001/
MYTHOS-LIB-PORT-0001	Engineering Standards Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-lib-port-0001/
MYTHOS-NETSEC-PORT-0001	Network and Security Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-netsec-port-0001/
MYTHOS-RA-PORT-0001	Reference Architecture Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-ra-port-0001/
MYTHOS-RES-PORT-0001	Research Intelligence Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-res-port-0001/
MYTHOS-SWPLT-PORT-0001	Software, Platform, Distributed Data, and Reliability Library Portfolio	Portfolio Edition	180d	/library/portfolios/mythos-swplt-port-0001/

Reference Architectures

20 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
RA-001	Governed Multi-Agent Runtime and PANTHEON Architecture	Reference Architecture	180d	/library/reference-architectures/ra-001/
RA-002	SIEM, SOAR, NDR, and Security Operations Center	Reference Architecture	180d	/library/reference-architectures/ra-002/
RA-003	Enterprise Campus and Branch Network	Reference Architecture	180d	/library/reference-architectures/ra-003/
RA-004	Network Source of Truth Implementation Pipeline	Reference Architecture	180d	/library/reference-architectures/ra-004/
RA-005	Secure Prosumer and Sovereign Home Network	Reference Architecture	180d	/library/reference-architectures/ra-005/
RA-006	Local-First AI Inference Cluster and Edge Node	Reference Architecture	180d	/library/reference-architectures/ra-006/
RA-007	AI-Assisted Software Engineering Pipeline	Reference Architecture	180d	/library/reference-architectures/ra-007/
RA-008	Multi-Cloud Landing Zone and Internal Developer Platform	Reference Architecture	180d	/library/reference-architectures/ra-008/
RA-009	Zero-Trust Identity, Policy, Secrets, and Access Fabric	Reference Architecture	180d	/library/reference-architectures/ra-009/
RA-010	Local-First Knowledge, Memory, and Evidence Platform	Reference Architecture	180d	/library/reference-architectures/ra-010/
RA-011	Digital Twin, Infrastructure Automation, and Change Assurance	Reference Architecture	180d	/library/reference-architectures/ra-011/
RA-012	Enterprise Observability, SRE, and Incident Command Platform	Reference Architecture	180d	/library/reference-architectures/ra-012/
RA-013	Secure Software Supply Chain and Release Factory	Reference Architecture	180d	/library/reference-architectures/ra-013/
RA-014	Enterprise Data, API, Event, and Integration Fabric	Reference Architecture	180d	/library/reference-architectures/ra-014/
RA-015	Edge, OT, IoT, and Telecommunications Convergence	Reference Architecture	180d	/library/reference-architectures/ra-015/

Permanent ID	Title	Class	Refresh	Canonical route
RA-016	Realtime Voice, Media, and Multimodal Interaction Platform	Reference Architecture	180d	/library/reference-architectures/ra-016/
RA-017	Quantum-Safe, Confidential, and Verifiable Compute	Reference Architecture	180d	/library/reference-architectures/ra-017/
RA-018	Physical AI and Autonomous Fleet Operations	Reference Architecture	180d	/library/reference-architectures/ra-018/
RA-019	Sovereign Browser, Remote Access, and Web Automation	Reference Architecture	180d	/library/reference-architectures/ra-019/
RA-020	Adaptive Learning, Cyber Range, and Workforce Assurance	Reference Architecture	180d	/library/reference-architectures/ra-020/

Research

33 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
RES-001	Desired vs. Observed Network State (Drift Dynamics)	Research Report	180d	/library/research/res-001/
RES-002	Agent Memory Poisoning (Vectors and Mitigations)	Research Report	90d	/library/research/res-002/
RES-003	Credential Brokering for Agents (Zero-Knowledge Secrets)	Research Report	180d	/library/research/res-003/
RES-004	CISA KEV + EPSS + CVSS (Exploitability Prioritization Models)	Research Report	90d	/library/research/res-004/
RES-005	Network Digital Twin Limitations (Batfish/Containerlabs constraints)	Research Report	180d	/library/research/res-005/
RES-006	Browser-Local WebLLM (Architecture, Constraints, and WebGPU bindings)	Research Report	90d	/library/research/res-006/
RES-007	Durable Multi-Agent Execution (Temporal/Restate patterns)	Research Report	90d	/library/research/res-007/
RES-008	Post-Quantum Network Migration (Hybrid TLS realities)	Research Report	90d	/library/research/res-008/
RES-009	Evidence Bundles (Cryptographic Provenance for Agent Actions)	Research Report	180d	/library/research/res-009/
RES-010	OpenTelemetry for Agents (Semantic mapping for cognitive traces)	Research Report	60d	/library/research/res-010/
RES-011	Developing an Attack: OWASP Top 10 (Granular Methodology)	Research Report	180d	/library/research/res-011/
RES-012	AI Model Routing & Task Placement (Local vs. Hosted heuristics)	Research Report	60d	/library/research/res-012/
RES-013	Mixture of Experts (MoE) Routing Dynamics	Research Report	180d	/library/research/res-013/
RES-014	State Space Models (SSMs/Mamba) & Infinite Context	Research Report	120d	/library/research/res-014/
RES-015	Liquid Neural Networks (LNNs)	Research Report	180d	/library/research/res-015/
RES-016	Neuro-Symbolic AI Integration	Research Report	180d	/library/research/res-016/
RES-017	Neuromorphic Silicon Deep Dive (Loihi 2 & SpiNNaker)	Research Report	180d	/library/research/res-017/
RES-018	NPU Integration & Local Inference Acceleration	Research Report	90d	/library/research/res-018/
RES-020	Silicon Photonics & Chip-to-Chip Optical Interconnects	Research Report	180d	/library/research/res-020/
RES-021	Edge Quantum Simulators	Research Report	180d	/library/research/res-021/
RES-022	Fully Homomorphic Encryption (FHE) Acceleration	Research Report	180d	/library/research/res-022/
RES-023	Trusted Execution Environments (TEEs: TDX/SEV-SNP) Remote Attestation	Research Report	90d	/library/research/res-023/
RES-024	Zero-Knowledge Proofs (ZKPs) for Verifiable Agent Compute	Research Report	120d	/library/research/res-024/
RES-025	Decentralized Physical Infrastructure Networks (DePIN) Compute Models	Research Report	90d	/library/research/res-025/
RES-026	Segment Routing (SRv6) Programmable Path Engineering	Research Report	180d	/library/research/res-026/
RES-027	AI-Driven Radio Access Networks (RAN) & vRAN Orchestration	Research Report	120d	/library/research/res-027/
RES-028	5G/6G Network Slicing & QoS Enforcement	Research Report	90d	/library/research/res-028/
RES-029	TLA+ Formal Verification for Distributed State Machines	Research Report	180d	/library/research/res-029/
RES-030	Semantic UI Protocols & Typed Payload Rendering	Research Report	60d	/library/research/res-030/
RES-031	Spatial Computing (WebXR) & Immersive Data Visualization	Research Report	120d	/library/research/res-031/

Permanent ID	Title	Class	Refresh	Canonical route
RES-032	Local-First SQLite Event Sourcing & CRDT Sync	Research Report	120d	/library/research/res-032/
RES-033	Photonic Quantum Networking & Entanglement Distribution	Research Report	180d	/library/research/res-033/
RES-034	NIST FIPS 203/204/205 PQC Integration & Migration Mechanics	Research Report	90d	/library/research/res-034/

Source Reconciliation

2 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-LIB-AUDIT-AI0012-0001	AI-0012 Alternate Source Disposition	Source Reconciliation Audit	365d	/library/source-reconciliation/mythos-lib-audit-ai0012-0001/
MYTHOS-LIB-AUDIT-FND-0001	Foundation Source Reconciliation Audit	Source Reconciliation Audit	365d	/library/source-reconciliation/mythos-lib-audit-fnd-0001/

Standards

121 permanent publication identities in this category.

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-AI-0001	Agentic Framework Benchmark and Evaluation Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0001/
MYTHOS-AI-0002	Model Intelligence, Training, and Deployment Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0002/
MYTHOS-AI-0003	Applied Natural Language & LLM Evaluation Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0003/
MYTHOS-AI-0004	AI Software Engineer & Code Generation Benchmark Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0004/
MYTHOS-AI-0005	Applied Automation & Infrastructure-as-Code Benchmark Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0005/
MYTHOS-AI-0006	AI Alignment, Red-Team, & Sycophancy Evaluation Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0006/
MYTHOS-AI-0007	Context Engineering, Trajectory Compaction, & Temporal Memory Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0007/
MYTHOS-AI-0008	Multimodal Interaction, Vision, & Voice Latency Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0008/
MYTHOS-AI-0009	Model Fine-Tuning, RLEF, & Synthetic Data Governance Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0009/
MYTHOS-AI-0010	AI Avatar, Persona, & Provenance Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0010/
MYTHOS-AI-0011	Mixture of Experts (MoE) & State Space Model (SSM/Mamba) Architecture Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0011/
MYTHOS-AI-0012	Neuro-Symbolic AI & Continual Learning (Anti-Catastrophic Forgetting) Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0012/
MYTHOS-AI-0013	AI-Assisted Software Engineering & Model Routing Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0013/
MYTHOS-AI-0014	Inference Serving, Quantization & KV-Cache Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0014/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-AI-0015	Federated Learning & Privacy-Preserving ML Standard	Standard	90d	/library/standards/artificial-intelligence/mythos-ai-0015/
MYTHOS-CLD-0001	Multi-Cloud Architecture & Control Plane Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0001/
MYTHOS-CLD-0002	AWS Architecture, Security, & Automation Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0002/
MYTHOS-CLD-0003	Microsoft Azure Architecture, Security, & Automation Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0003/
MYTHOS-CLD-0004	Google Cloud Platform (GCP) Architecture & Automation Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0004/
MYTHOS-CLD-0005	Oracle Cloud (OCI) Architecture & Automation Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0005/
MYTHOS-CLD-0006	Alibaba Cloud Architecture & Automation Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0006/
MYTHOS-CLD-0007	Kubernetes, Container Orchestration, & Operator Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0007/
MYTHOS-CLD-0008	Serverless Architecture & Event-Driven Compute Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0008/
MYTHOS-CLD-0009	Decentralized Physical Infrastructure Networks (DePIN) Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0009/
MYTHOS-CLD-0010	Private Cloud, Hypervisor & Bare Metal Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0010/
MYTHOS-CLD-0011	Web3 & Decentralized Ledger Architecture Standard	Standard	90d	/library/standards/cloud-engineering/mythos-cld-0011/
MYTHOS-DAT-0001	Vector Database & Local-First Sync Architecture Standard	Standard	120d	/library/standards/data-state-and-evidence/mythos-dat-0001/
MYTHOS-DAT-0002	AI & Agent Observability Semantic Conventions (OpenTelemetry) Standard	Standard	120d	/library/standards/data-state-and-evidence/mythos-dat-0002/
MYTHOS-DAT-0003	Data Sovereignty, Privacy Preservation, & Egress Control Standard	Standard	120d	/library/standards/data-state-and-evidence/mythos-dat-0003/
MYTHOS-DAT-0004	Event Sourcing, CQRS, & Durable State Machine Standard	Standard	120d	/library/standards/data-state-and-evidence/mythos-dat-0004/
MYTHOS-DAT-0005	Tamper-Evident Hash-Chained Ledgers & Evidence Bundle Standard	Standard	120d	/library/standards/data-state-and-evidence/mythos-dat-0005/
MYTHOS-DBS-0001	Relational, Graph, and Time-Series Database Standard	Standard	180d	/library/standards/database-and-storage/mythos-dbs-0001/
MYTHOS-DBS-0002	Storage, Search, and Backup Architecture Standard	Standard	180d	/library/standards/database-and-storage/mythos-dbs-0002/
MYTHOS-DBS-0003	Storage Multi-Tenancy and Data Access Zones Standard	Standard	180d	/library/standards/database-and-storage/mythos-dbs-0003/
MYTHOS-DST-0001	Durable Workflows, Queues, and Event-Driven Sagas Standard	Standard	180d	/library/standards/distributed-systems/mythos-dst-0001/
MYTHOS-DST-0002	API Contracts, gRPC, and Service Mesh Standard	Standard	180d	/library/standards/distributed-systems/mythos-dst-0002/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-EDU-0001	Adaptive Learning, Skill Graphs & Cyber Lab Standard	Standard	180d	/library/standards/learning-and-workforce/mythos-edu-0001/
MYTHOS-EMT-0001	WebAssembly (WASM) & Edge Execution Sandbox Standard	Standard	90d	/library/standards/emerging-technology/mythos-emt-0001/
MYTHOS-EMT-0002	Sovereign AI, Air-Gapped Deployment, & Offline Inference Standard	Standard	90d	/library/standards/emerging-technology/mythos-emt-0002/
MYTHOS-EMT-0003	Neuromorphic Computing & NPU (Neural Processing Unit) Standard	Standard	90d	/library/standards/emerging-technology/mythos-emt-0003/
MYTHOS-EMT-0004	Silicon Photonics & Next-Gen Interconnect Standard	Standard	90d	/library/standards/emerging-technology/mythos-emt-0004/
MYTHOS-END-0001	Endpoint OS, Fleet Management & MDM Standard	Standard	120d	/library/standards/endpoint-engineering/mythos-end-0001/
MYTHOS-FND-0001	Product Definition Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0001/
MYTHOS-FND-0002	Documentation System Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0002/
MYTHOS-FND-0003	Security, Privacy, and Trust Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0003/
MYTHOS-FND-0004	Quality, Testing, and Validation Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0004/
MYTHOS-FND-0005	Operations, Release, and Lifecycle Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0005/
MYTHOS-FND-0006	Data, API, and Integration Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0006/
MYTHOS-FND-0007	Interface Standards	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0007/
MYTHOS-FND-0008	Extension Ecosystem Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0008/
MYTHOS-FND-0009	AI-First Application Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0009/
MYTHOS-FND-0010	Agentic Systems and Model Orchestration Standard	Standard	365d	/library/standards/foundation-and-governance/mythos-fnd-0010/
MYTHOS-GRC-0001	Federal, DoD, and Sovereign Compliance Standard	Standard	90d	/library/standards/governance-risk-and-compliance/mythos-grc-0001/
MYTHOS-GRC-0002	AI Governance, Privacy, and Risk Management Standard	Standard	90d	/library/standards/governance-risk-and-compliance/mythos-grc-0002/
MYTHOS-HW-0001	AI GPU Server & Cluster Architecture Standard	Standard	120d	/library/standards/hardware-and-trusted-compute/mythos-hw-0001/
MYTHOS-HW-0002	Trusted Compute, DPU & Firmware Standard	Standard	120d	/library/standards/hardware-and-trusted-compute/mythos-hw-0002/
MYTHOS-ID-0001	Workload, Agent & Human Identity Standard	Standard	180d	/library/standards/identity-and-access/mythos-id-0001/
MYTHOS-ID-0002	Public Key Infrastructure (PKI) & Attribute-Based Access Control (ABAC) Standard	Standard	180d	/library/standards/identity-and-access/mythos-id-0002/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-IOT-0001	IoT, Matter & Edge Sensor Standard	Standard	120d	/library/standards/iot-and-edge-sensors/mythos-iot-0001/
MYTHOS-KNW-0001	RAG, Grounding & Source Authority Standard	Standard	90d	/library/standards/knowledge-and-grounding/mythos-knw-0001/
MYTHOS-KNW-0002	Persona, Avatar & Persistent Memory Architecture Standard	Standard	90d	/library/standards/knowledge-and-grounding/mythos-knw-0002/
MYTHOS-MED-0001	Realtime Voice, WebRTC & Synthetic Media Provenance Standard	Standard	120d	/library/standards/realtime-media/mythos-med-0001/
MYTHOS-NET-0001	Network Architecture & Design Topology Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0001/
MYTHOS-NET-0002	Network Engineering & Multi-Vendor Automation Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0002/
MYTHOS-NET-0003	Network Digital Twin & Simulation Verification Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0003/
MYTHOS-NET-0004	Network Security Architecture & Zero-Trust Networking Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0004/
MYTHOS-NET-0005	Source-of-Truth (SoT) & Drift Reconciliation Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0005/
MYTHOS-NET-0006	Segment Routing (SRv6) & Next-Gen Transport Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0006/
MYTHOS-NET-0007	5G/6G RAN Automation & Network Slicing Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0007/
MYTHOS-NET-0008	OSI Troubleshooting & Core Network Infrastructure Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0008/
MYTHOS-NET-0009	Physical Layer, Cabling & Datacenter Topology Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0009/
MYTHOS-NET-0010	Routing, DNS & IPAM Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0010/
MYTHOS-NET-0011	Access, NAC & Wireless Engineering Standard	Standard	180d	/library/standards/network-engineering/mythos-net-0011/
MYTHOS-OT-0001	ICS, Critical Infrastructure & OT Segmentation Standard	Standard	180d	/library/standards/operational-technology/mythos-ot-0001/
MYTHOS-PLT-0001	DevSecOps, Release Engineering, and Supply Chain Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0001/
MYTHOS-PLT-0002	Infrastructure and Configuration as Code Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0002/
MYTHOS-PLT-0003	Internal Developer Platform, GitOps, and Policy-as-Code Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0003/
MYTHOS-PLT-0004	Managed Platform and Agentic Service Evaluation Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0004/
MYTHOS-PLT-0005	Hardware and Software Lifecycle and Refresh Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0005/
MYTHOS-PLT-0006	Digital Marketplace and Extension Architecture Standard	Standard	180d	/library/standards/platform-engineering/mythos-plt-0006/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-QTC-0001	Quantum Computing Benchmark & Algorithm Design Standard	Standard	90d	/library/standards/quantum-technology/mythos-qtc-0001/
MYTHOS-QTC-0002	Quantum Network Technologies, Architecture, & Security Standard	Standard	90d	/library/standards/quantum-technology/mythos-qtc-0002/
MYTHOS-QTC-0003	Quantum Key Distribution (QKD) & Entanglement Networking Standard	Standard	90d	/library/standards/quantum-technology/mythos-qtc-0003/
MYTHOS-ROB-0001	Physical AI, Sensor Fusion & Autonomous Fleet Standard	Standard	90d	/library/standards/physical-ai-and-robotics/mythos-rob-0001/
MYTHOS-SEC-0001	Post-Quantum Cryptography (PQC) & Crypto-Agility Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0001/
MYTHOS-SEC-0002	AI Supply Chain, SBOM/AIBOM, & Artifact Provenance Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0002/
MYTHOS-SEC-0003	Zero-Trust Policy, Authority Separation, & Capability Grant Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0003/
MYTHOS-SEC-0004	Security Architecture & Advanced Design Principles Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0004/
MYTHOS-SEC-0005	Security Engineering & SOC Automation (SOAR) Governance Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0005/
MYTHOS-SEC-0006	Firewall Engineering, Policy Architecture, & Blast Radius Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0006/
MYTHOS-SEC-0007	Network Security Architecture & Microsegmentation Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0007/
MYTHOS-SEC-0008	Vulnerability Management & Exposure Assessment Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0008/
MYTHOS-SEC-0009	Confidential Computing & Trusted Execution Environments (TEE) Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0009/
MYTHOS-SEC-0010	Fully Homomorphic Encryption (FHE) & Zero-Knowledge Proof (ZKP) Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0010/
MYTHOS-SEC-0011	API Security & Token Lifecycle Management Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0011/
MYTHOS-SEC-0012	Virtualization, Hypervisor & Container Security Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0012/
MYTHOS-SEC-0013	Adversary Tactics & Attack Methodology Standard (Vol 1: Web & Client-Side)	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0013/
MYTHOS-SEC-0014	Adversary Tactics & Attack Methodology Standard (Vol 2: Network, Wireless & Supply Chain)	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0014/
MYTHOS-SEC-0015	Penetration Testing & Ethical Hacking Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0015/
MYTHOS-SEC-0016	SIEM, Threat Hunting & Detection Engineering Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0016/
MYTHOS-SEC-0017	DMZ Architecture & Perimeter Isolation Standard	Standard	90d	/library/standards/cybersecurity-and-network-security/mythos-sec-0017/
MYTHOS-SRE-0001	SLOs, Error Budgets, and Capacity Planning Standard	Standard	180d	/library/standards/reliability-engineering/mythos-sre-0001/

Permanent ID	Title	Class	Refresh	Canonical route
MYTHOS-SRE-0002	Disaster Recovery, Multi-Region, and Failure Testing Standard	Standard	180d	/library/standards/reliability-engineering/mythos-sre-0002/
MYTHOS-SRE-0003	FinOps, Token Economics, and Energy Efficiency Standard	Standard	180d	/library/standards/reliability-engineering/mythos-sre-0003/
MYTHOS-SWE-0001	Advanced Software Design and Domain-Driven Design Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0001/
MYTHOS-SWE-0002	Rust Engineering, Memory Safety, and Concurrency Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0002/
MYTHOS-SWE-0003	Go Engineering, Concurrency, and Service Architecture Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0003/
MYTHOS-SWE-0004	Python Engineering, Type Safety, and Automation Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0004/
MYTHOS-SWE-0005	Polyglot Boundaries, Typed Contracts, and IPC Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0005/
MYTHOS-SWE-0006	Desktop Architecture and Tauri/Svelte Integration Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0006/
MYTHOS-SWE-0007	Formal Verification and Deterministic State Machine Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0007/
MYTHOS-SWE-0008	Semantic UI Protocols and Typed Renderer Abstraction Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0008/
MYTHOS-SWE-0009	Software Debugging and Resilience Testing Standard	Standard	180d	/library/standards/software-engineering/mythos-swe-0009/
MYTHOS-TEL-0001	5G/6G Core, Open RAN & Slicing Standard	Standard	90d	/library/standards/telecommunications/mythos-tel-0001/
MYTHOS-TEL-0002	Distributed Antenna Systems (DAS) & Indoor RF Standard	Standard	90d	/library/standards/telecommunications/mythos-tel-0002/
MYTHOS-TEL-0003	Enterprise Telephony, VoIP & Call Manager Standard	Standard	90d	/library/standards/telecommunications/mythos-tel-0003/
MYTHOS-UX-0001	AI-Native Interface, High-Density Data, and Accessibility Standard	Standard	180d	/library/standards/user-experience-and-human-system-interaction/mythos-ux-0001/
MYTHOS-UX-0002	Human-in-the-Loop Approval Workflow Standard	Standard	180d	/library/standards/user-experience-and-human-system-interaction/mythos-ux-0002/
MYTHOS-UX-0003	Cyberpunk-Noir Aesthetic and Visual State Standard	Standard	180d	/library/standards/user-experience-and-human-system-interaction/mythos-ux-0003/
MYTHOS-UX-0004	Spatial Computing and WebGPU/wgpu Integration Standard	Standard	180d	/library/standards/user-experience-and-human-system-interaction/mythos-ux-0004/
MYTHOS-WEB-0001	WebGPU, WebLLM & Browser Isolation Standard	Standard	90d	/library/standards/web-runtime-engineering/mythos-web-0001/

7. Registry quality controls

QA gate	Required result
ID collision scan	No two active records share a permanent ID.
Filename scan	Every public PDF filename begins with its permanent ID and matches the catalog.
Route scan	Every record has one canonical route with no active collision.
Workflow-label scan	No temporary production identifiers appear in public filenames, visible text, metadata, tags, routes, or bookmarks.
Integrity scan	Every released artifact is represented in the SHA-256 manifest.
PDF preflight	Files open, text is searchable, bookmarks/TOCs operate, and rendered pages show no clipping or near-empty defects.

8. Revision and supersession rule

Stable permanent identity

Future revisions update this registry under **MYTHOS-LIB-REG-0001**. A new document ID is used only when the identity and purpose of the publication materially change; ordinary corrections, metadata improvements, and catalog refreshes do not create a parallel registry.