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AI OSI Stack Changelog
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Version: v4 Blueprint Integration
Date: November 2025

> ## Normative Language Notice

> This document uses normative language consistent with ISO/IEC 42010 and NIST conventions.

> SHALL denotes mandatory requirements, SHOULD denotes strong recommendations, and MAY denotes optional practices.

> Interpretations SHALL preserve authorial intent: layered accountability, epistemic integrity, and human dignity as binding design constraints.

Release History

- **v1.0 Foundational Stack Overview**

- **Date:** 2019-09-01

- **Summary:** Introduced the seven-layer governance metaphor, integrity ledger concept, and initial stewardship obligations for AI services.

- **v2.0 Persona Architecture Expansion**

- **Date:** 2020-12-15

- **Summary:** Added Persona Architecture briefs, affective constraint models, and role-specific accountability patterns.

- **v3.0 Epistemology Alignment**

- **Date:** 2022-03-10

- **Summary:** Integrated Epistemology by Design, introduced Interpretive Trace Packages, and prepared AEIP compatibility guidance.

- **v4.0 Integrated Canonical Specification**

- **Date:** 2024-07-22

- **Summary:** Published *AI OSI Stack v4 Test Integrated*, harmonizing governance artifacts, temporal legitimacy, and the Implementation Maturity Model.

- **v4-protocol-blueprint Blueprint Complete Reference Implementation**

- **Date:** 2025-11-30

- **Summary:** Finalized offline-first blueprint codebase, added governance maps, deferred system registry, validation artifacts, and Zenodo-ready release package for archival DOI issuance.