

ISO/IEC 42001 AI Management System

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ISO/IEC 42001 Frame

ISO/IEC 42001 establishes the international AI management system (AIMS) standard with substantial emerging adoption across enterprise, government, and emerging defense AI operations.

Architecture Implications

AIMS implementation requires structural support for AI governance, lifecycle management, and emerging cross-jurisdiction operations.

Architectural Mapping

Governance-chain substrate maps to AIMS governance requirements. Cross-jurisdiction federation supports multi-national AI operations. Lineage retention supports AIMS audit requirements.

Standard Evolution

ISO/IEC 42001 enforcement maturation and emerging integration with emerging EU AI Act and emerging U.S. AI EO push toward structurally-supported architecture.