



**AI Assurance
Institute**

Comprehensive ISO/IEC 42001 AI Management System

The AI Assurance Institute's Comprehensive ISO/IEC 42001 AI Management System

This ISO/IEC 42001 platform enables organizations to operationalize the world's first AI Management System standard with confidence, traceability, and operational readiness.

As AI adoption accelerates across every industry, organizations are under increasing pressure to demonstrate responsible AI, risk management, and accountability. ISO/IEC 42001:2023 provides the authoritative international framework, but turning its requirements into scalable, operating management system has remained a significant challenge. The AI Assurance Institute's new platform directly addresses this gap.

A Complete System for Operationalizing ISO/IEC 42001

The platform is built on a proven hub-and-spoke architecture that delivers both strategic oversight and operational depth:

Central AIMS Hub — A dedicated evidence engine, organized into five PDCA-aligned domains (Context & Leadership, Planning, Operation, Support, and Evaluation & Improvement). The assignment and control of tasks, and aggregation of evidence, presents a single, management view with real-time completeness scoring and readiness dashboards.

Twelve Operational Spoke Registers — Specialized workflows for AI Risk & Statement of Applicability, Change Management, Supplier Assurance, Documented Information & Competence, Design & Development, Data Management, Performance Monitoring, Internal Audit, Management Review, and Continual Improvement & CAPA. Each spoke syncs structured evidence upward to the hub automatically.

AI System Inventory Spine — Records across the platform are traceable to a unique AI system identity (System ID, Version, and Intended Purpose), ensuring full auditability and regulatory alignment.

Key Capabilities

- **Automated AI Management Processes**
- **Management Gates & Phase-Controlled Progression** aligned with PDCA
- **Dual-Track Support** for ISO/IEC 42001 certification and EU AI Act QMS conformity from a single data foundation
- **Full Traceability** from operational records back to individual AI systems
- **Cryptographic Signing** and comprehensive change audit trails

The platform directly implements the requirements of ISO/IEC 42001:2023 clauses 4–10 and Annex A controls, while providing practical workflows that organizations can adopt immediately. It is particularly valuable for companies preparing for certification, managing high-risk AI systems, or seeking to align ISO 42001 implementation with emerging regulations such as the EU AI Act.

Leadership Perspective

“ISO/IEC 42001 gives organizations the framework, but until now there has been no comprehensive, ready-to-deploy system to make it operational at enterprise scale,” said Peter Hill, Founder of the AI Assurance Institute. “Our platform closes that gap. It turns the standard’s requirements into structured, auditable processes that drive real accountability and continual improvement.”

Availability

The AI Assurance Institute’s ISO/IEC 42001 AI Management System is now generally available. Organizations can request a personalized demonstration, access implementation resources, or begin a pilot deployment on high-priority AI systems.

About the AI Assurance Institute

The AI Assurance Institute helps organizations build trustworthy, certifiable, and responsibly governed AI systems. Through its flagship ISO/IEC 42001 AI Management System and supporting assurance capabilities, the Institute enables enterprises to move from AI aspiration to operational excellence with confidence.

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