

ISO 42001 Implementation Guide

Step-by-step AI Management System implementation and certification pathway

What Is ISO 42001?

ISO/IEC 42001:2023 is the first international management system standard for AI. It follows the same Annex SL structure as ISO 9001/27001 and is required for the EU AI Act high-risk compliance pathway.

16–24 Week Implementation Phases

Wks 1–2 — Gap Analysis	Scored gap report and prioritised action plan
Wks 3–5 — AIMS Design	Scope, policy, objectives and governance structure
Wks 6–8 — Risk Management	Risk assessment methodology and treatment plans
Wks 9–12 — Controls	Operational controls and evidence for every clause
Wks 13–15 — Internal Audit	Audit against ISO 42001; address non-conformities
Wk 16+ — Certification	2-stage audit with accredited certification body

Evidence Required Per Clause

- Cl. 4 Context: stakeholder register, regulatory scope, AI system inventory
- Cl. 5 Leadership: signed policy, documented roles, management review records
- Cl. 8 Operation: lifecycle records, test documentation, deployment approvals
- Cl. 9 Evaluation: monitoring records, internal audit reports, management minutes with AI KPIs

Indigonix Accelerator

2-week gap analysis • 12-week implementation support • Automated evidence collection • Certification body introduction

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