JUPITER PRIME

Consulting • Training • Advisory

جوبيتر برايم للاستشارات والتدريب

COURSE BROCHURE

AI Management System Clauses and Control Crosswalk Training Course

jupiterprime.uk

info@jupiterprime.uk

Registered in the United Kingdom and Saudi Arabia

AI Management System Clauses and Control Crosswalk Training Course

AI Management System Clauses and Control Crosswalk is a 1-week training course for AI risk, governance and quality managers who must turn two reference documents into one working set of controls, ending with a clause-to-control crosswalk register. Organisations now run several AI frameworks side by side, and duplicated controls waste audit effort while gaps go unseen. Jupiter Prime Training delivers this subject as a hands-on mapping exercise.

Why AI Management System Clauses and Control Crosswalk Matters Now

Three pressures meet in this subject. Boards want proof that AI systems sit inside a certifiable management system; product teams want one control set instead of parallel checklists; and external auditors expect evidence that links each requirement to a tested control. Organisations that crosswalk well answer assessors once; others repeat work and miss gaps between frameworks. The course rests on ISO/IEC 42001, the AI management system standard, and the NIST AI Risk Management Framework NIST AI RMF with its Govern, Map, Measure and Manage functions.

Who Gains Most from AI Management System Clauses and Control Crosswalk

- Owners of the AI management system scope, policy and objectives
- Specialists who maintain the AI risk register and treatment plans
- Quality leads who run internal audits and corrective action
- Compliance analysts who answer customer and assessor questionnaires
- Model owners who must evidence lifecycle controls for their systems

A governance office sending its system owner, internal auditor and a model owner together gains most.

AI Management System Clauses and Control Crosswalk Capabilities

Participants practise reading clauses as testable requirements and tracing each one to a control, an owner and a piece of evidence.

- Interpret ISO/IEC 42001 clauses as auditable requirements — scope approval by the system owner
- Align Annex A controls with NIST AI RMF subcategories — control rationalisation decisions
- Write a Statement of Applicability with justified exclusions — certification body review
- Design an AI system impact assessment linked to risk treatment — product release decisions
- Specify evidence for each mapped control — internal and external auditors
- Communicate crosswalk coverage and gaps — the executive risk committee

Key AI Management System Clauses and Control Crosswalk Terms

- Control crosswalk — a table linking each requirement of one framework to the matching requirement or control in another.
- Statement of Applicability — a record listing each Annex A control, whether it applies, and the reason for inclusion or exclusion.
- AI system impact assessment — a structured review of how an AI system may affect individuals, groups and society.
- Annex A control — one of the reference controls listed in ISO/IEC 42001 for managing AI-specific risks.
- NIST AI RMF profile — a tailored selection of framework outcomes reflecting one organisation's context and priorities.
- Audit evidence — records, logs or artefacts that show a control exists and operates as described.

AI Management System Clauses and Control Crosswalk Day by Day

Day 1: Reading the Two Frameworks Side by Side

- ISO/IEC 42001 Clause Structure — Where AI Duties Sit in Management Systems
- NIST AI RMF Core Functions — Framing Govern, Map, Measure and Manage
- Context of the Organisation Clause — Setting AI System Boundaries
- Interested Parties Register — Capturing Expectations of Users and Affected Groups
- Scope Statement Drafting — Deciding Which AI Systems Enter Certification

Day 2: Building the Clause-to-Function Crosswalk

- Requirement Decomposition Method — Splitting Clauses into Testable Statements
- Many-to-Many Mapping Matrix — Handling Partial and Overlapping Matches
- Coverage Rating Scale — Labelling Full, Partial and Missing Alignment
- Annex A Control Objectives — Matching Controls to RMF Subcategories
- Statement of Applicability Drafting — Justifying Inclusions and Exclusions

Day 3: Measuring Risk and Impact Through Mapped Controls

- AI Risk Assessment Clause — Linking Criteria to the Measure Function
- AI System Impact Assessment Template — Recording Effects on Affected Groups
- Risk Treatment Plan — Choosing Controls from the Crosswalk
- Trustworthiness Characteristics — Testing Fairness, Robustness and Explainability Controls
- Residual Risk Acceptance — Escalating Decisions to Accountable Owners

Day 4: Evidence, Audit and Continual Improvement

- Evidence Catalogue Design — Naming Proof for Each Mapped Control
- Internal Audit Sampling Plan — Selecting AI Systems and Controls to Test
- Nonconformity and Corrective Action Log — Closing Crosswalk Gaps
- Management Review Inputs — Reporting Coverage Trends to Leadership
- Supplier and Third-Party Model Clauses — Extending Controls Across Providers

Day 5: Practising the Clause-to-Control Crosswalk Register

- Banking Credit Model Case — Applying the Mapping Matrix End to End
- Hospital Triage Tool Case — Applying the Impact Assessment Template
- Mock Certification Interview — Defending the Statement of Applicability
- Gap Heat Map — Prioritising Remediation for the Risk Committee
- Clause-to-Control Crosswalk Register — Completing and Assigning Control Owners

Applying AI Management System Clauses and Control Crosswalk After the Course

- Map one live AI system, rating each clause and RMF subcategory full, partial or missing.
- Draft or refresh the Statement of Applicability and attach one evidence item to every included Annex A control.

AI Management System Clauses and Control Crosswalk Questions FAQ

What is an AI management system clauses and control crosswalk, and why does it matter now?

It is a structured link between ISO/IEC 42001 requirements and NIST AI RMF outcomes. It matters because organisations face several frameworks at once and need one tested control set that satisfies each without duplicated effort.

Which roles gain most from AI management system clauses and control crosswalk skills?

Owners of AI management systems, risk register specialists, internal auditors, compliance analysts and model owners gain most.

How does an AI management system clauses and control crosswalk course differ from a general AI governance course?

It is narrower and more technical. A general governance course covers principles, ethics boards and strategy, while this course works clause by clause, mapping requirements to controls, writing applicability decisions and specifying audit evidence.

What do you bring back from AI management system clauses and control crosswalk training?

You bring back a completed crosswalk register for a sample AI system. It holds coverage ratings, a draft Statement of Applicability and an evidence catalogue.

AI Management System Clauses and Control Crosswalk: The Way Forward

The clause-to-control crosswalk register first informs which AI systems enter certification scope. Control owners see what evidence to keep; internal auditors plan sampling from it. After its first audit cycle, revisit the partial matches: they show where the two frameworks diverge and where a local control may serve both better.