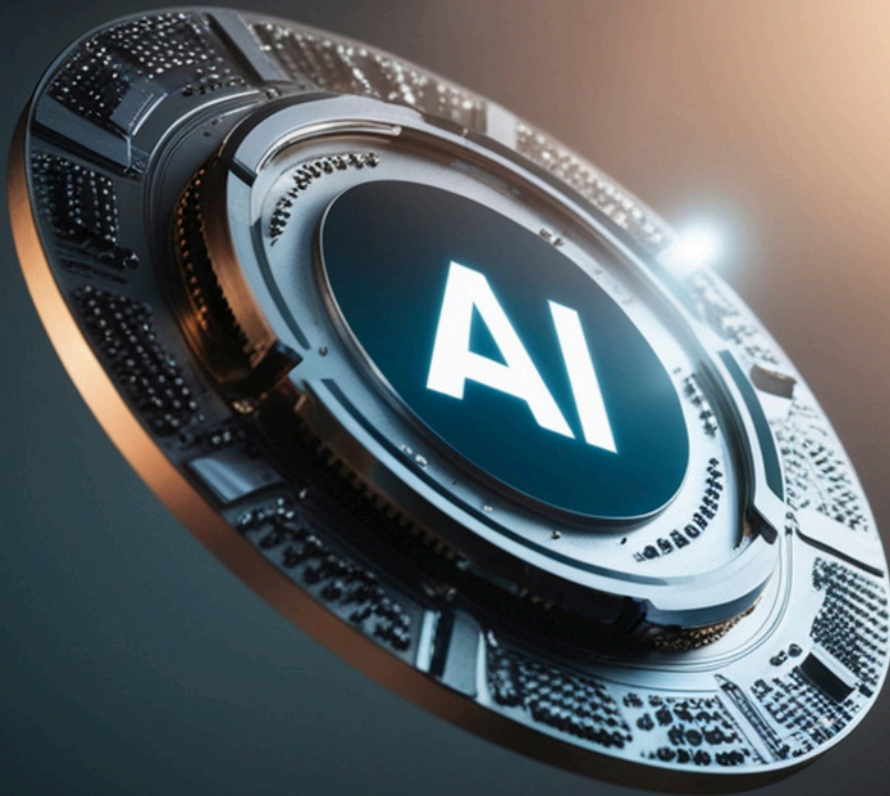




Practical Implementation Course Managing AI

The ISO/IEC 42001 standard for Artificial Intelligence Management Systems (AIMS) specifies requirements for establishing, implementing, maintaining, and continually improving an AI management system within the context of an organization. Organizations are expected to apply these requirements with particular attention to the features and risks that are unique to AI.

Characteristics such as continuous learning and adaptation, along with potential challenges in transparency and explainability, can introduce additional concerns compared to traditional approaches. These often require tailored safeguards and controls.

Adopting an AI management system to strengthen and extend existing management structures is a strategic decision. This course delivers practical, real-world guidance on how to successfully implement an AI management system from end to end, based on proven implementation experience.

2-day Virtual Classroom
Register at: <https://aiassurance.co.za>

ARTIFICIAL INTELLIGENCE

ISO/IEC 42001 MANAGEMENT SYSTEM FOR AI

Management systems help organizations develop and use AI systems responsibly in pursuit of their objectives while meeting regulatory requirements, as well as the obligations and expectations of interested parties. This course will provide an understanding of how this is done. It will draw on our experience developing ISO/IEC 42001 management systems and explain the various components and how they are integrated to better manage the AI data and system lifecycles through alignment with strategic objectives, assessing risk and deploying controls throughout the AI data lifecycle and the AI system lifecycle to develop and operate trustworthy AI systems and integrating an AI management system with the organisation's existing structures.

WHAT YOU WILL LEARN:

Management practices for developing and operating trustworthy AI:

- 01 Deciding on the scope and objectives of an AI management system
- 02 Establishing leadership, aligning with strategic objectives
- 03 Organizational roles, responsibilities and authorities for AI systems
- 04 Resources, competence and awareness to support AI systems
- 05 Documentation, transparency and decision record-keeping
- 06 Operational planning and control, risk assessment and treatment
- 07 Monitoring, measurement, analysis and evaluation of AI systems
- 08 Reacting to nonconformity and enabling continual improvement.



COURSE DURATION

2 DAYS

Our in-person, virtual, and workshop-style training draws on over 20 years of practical experience in information management, technology governance, data protection (POPIA), and AI implementation across South African organisations.

The key advantage of our courses is the depth of insight we deliver - combining international best practice (ISO 42001) with a nuanced understanding of South African legal and governance obligations. This is informed by real-world work with regulators, boards, and organisations navigating POPIA enforcement, King V/IV technology governance, and the emerging national AI framework.



This two-day deep-dive addresses the requirements of POPIA, King V, ISO 42001, and the draft National AI Policy for:

- AI system risk classification and categorisation
- AI policies and ethical guidelines
- Risk management system (including impact assessments)
- Quality management system for AI compliance
- Data protection impact assessments (aligned with POPIA)
- AI system life cycle controls
- Data governance and controls for AI (POPIA's eight conditions for lawful processing)
- Technical documentation for AI systems
- Record-keeping and accountability
- Provision of information to users and data subjects (transparency and explainability)
- Human oversight and meaningful human intervention
- Accuracy, robustness, cybersecurity and fairness
- Control of third parties and supply chain risk
- Compliance assessments and assurance processes



ARTIFICIAL INTELLIGENCE

ISO 42001 MANAGEMENT SYSTEM FOR AI SYSTEMS



Participants will learn about:

Plan

- provide management direction and support for AI systems according to business requirements and applicable legal obligations (including contractual obligations)
- define and document the processes for the responsible use of AI systems
- develop and document processes for the responsible design and development of the AI systems
- identify and document relevant resources required for the activities at given AI system life cycle stages and other AI-related activities
- specify and document requirements for the new AI systems or material enhancements to existing systems.
- identify and document the use of data (including personal data), system and computational resources, and tooling required for AI activities.
- understand the role and impacts of data in AI systems
- perform and document the results of AI system impact assessments
- allocate the responsibilities within the AI system life cycle between the organisation, its partners, suppliers, customers and third parties
- understand the organization's responsibilities and remain accountable for third party activities.

Operate

- ensure that relevant interested parties have the necessary information to understand and assess the risks and their impacts
- use AI responsibly and per organisational and AI policies.
- implement data management processes for AI systems
- monitor and mitigate the risk from using artificial intelligence systems
- manage third parties involved at each stage of the AI system life cycle
- assess and mitigate the risk of reliance on third parties for responsibilities allocated to them
- enable third parties to assess and treat the risks related to reliance on AI products and services developed by the organisation.
- establish computational controls for AI systems
- maintain functional safety
- maintain a process for employees of the organisation to report concerns about the organization's role with respect to an AI system throughout its life cycle.
- maintain a process for verifying and recording the provenance of data used in AI systems over the life cycles of the data and the AI system.

Evaluate

- adherence to and implementation of organisational and AI policies
- verify and validate the use of AI systems
- assess and mitigate the risk of reliance on third parties for responsibilities allocated to them
- evaluate the performance of responsibilities within the AI system life cycle allocated between the organisation, its partners, suppliers, customers and third parties.

Improve

- suitability, adequacy and effectiveness of organisational and AI policies.
- achievement of AI system objectives.

WHO SHOULD DO THIS COURSE?

This 2-day course is ideal for professionals responsible for AI adoption, governance, risk, and compliance in South African organisations:

- AI providers, developers, designers and operators
- IT and digital transformation managers
- Data Protection / Information Officers (DPOs / IOs)
- Internal auditors and assurance professionals
- Governance, risk and compliance (GRC) managers
- Compliance and legal officers
- Risk managers
- Information security managers
- Board members and executives seeking to fulfil King V responsibilities
- Consultants advising on responsible AI



On completion of this course participants will be able to:

- Articulate the requirements of an effective artificial intelligence management system in the South African context.
- Design, develop, implement, maintain, continually improve, and document an AI management system aligned with ISO 42001, POPIA, King V, and the National AI Policy.
- Identify required processes, their interactions, and practical operationalisation.
- Clarify roles, responsibilities, and accountabilities for AI systems (including board oversight).
- Integrate, operate, and monitor key practices that support ethical, lawful, and trustworthy AI.
- Ensure the AI management system addresses both mandatory obligations (e.g., POPIA) and voluntary best practices for responsible innovation.



WHO WE ARE

AI Assurance was established on more than three decades of leadership in independent assurance services, IT governance, and management training across advanced technologies and highly regulated sectors in South Africa and the region.

We are one of the earliest specialist providers of AI assurance in South Africa, delivering independent evaluations of AI systems to meet the demands of regulators, boards of directors, enterprises, public sector institutions, and other stakeholders.

We integrate deep technical expertise in AI development and deployment with robust governance, management, and control frameworks, together with South African regulatory requirements including POPIA, King V, and the evolving Draft National Artificial Intelligence Policy.

This enables us to conduct credible, evidence-based assessments delivering clear, actionable findings on AI capability, risk, performance, fairness, compliance, and ethical impact.

Our mission is to accelerate the safe, responsible, and inclusive adoption of AI in South Africa through risk-based assurance services harmonised with local governance and international best practice, helping organisations build stakeholder confidence without unnecessary complexity.

Through our training programmes, grounded in three decades of excellence, organisations gain practical knowledge to establish and continually improve AI management systems aligned with ISO/IEC 42001, POPIA, King V and the National AI Policy.

