



Trusted AI ISO Certification

Consulting

KPMG Australia

ISO 42001 (AI) is a new international standard that specifies requirements for establishing, implementing, maintaining, and continually improving an Artificial Intelligence Management System (AIMS) within organisations.

Designed to cover the various aspects of AI and the different applications an organisation may be running, it provides an integrated approach to managing AI projects, from risk assessment in AI Systems to use of these systems within the organisation.

Why is ISO/IEC 42001 important?

With increasing regulatory scrutiny, businesses need to proactively manage AI risks, including bias, data security and accountability. ISO/IEC 42001 is the latest standard for an artificial intelligence management system (AIMS), offering a structured framework for AI governance. It helps organisations build trust, achieve AI compliance and align with international leading practices. This standard ensures responsible development, deployment and operation which is a critical factor for successful AI adoption and broader digital transformation.

ISO/IEC 42001 sets the foundation for AI governance and regulatory alignment. It outlines key requirements to help organisations build a trustworthy AI management system. These include risk management, AI system impact assessment, system lifecycle management and third-party supplier oversight. Since its introduction in December 2023, this international standard has provided valuable guidance for responsible AI systems.

Why is certification important?

Competitive advantage: It can help businesses differentiate themselves from their competitors. Being able to promote compliance with standards provides a competitive advantage by instilling confidence in customers and stakeholders.

It demonstrates a commitment to quality, ethical practices and adherence to industry-recognised benchmarks.

Credibility: It helps to build trust with consumers, stakeholders, and other business partners by ensuring that products and services are safe, reliable, and of good quality.

Risk management: It helps organisations establish a more rigorous and efficient risk management process to help better identify and manage AI-specific risks that can critically impact their business and customers.

Certification often prepares companies for additional regulations that will be subsequently introduced.

Types of services we can offer

There are a suite of services and solutions we can offer our clients independent of their AI maturity, including:

- **ISO 42001 certification:** End-to-end support to build compliance, complete certification and maintain obligations.
- **Readiness assessment and gap analysis:** Gap analysis against AI principles (e.g. OECD AI Principles), AI frameworks (e.g. NIST AI RMF), law and policies (e.g. EU AI Act), guidance for AI Adoption, standards and certifications (e.g. ISO/IEC 42001).
- **Development of AI governance frameworks, policies and procedures:** Using the Plan-Do-Check-Act methodology, draft AI governance frameworks aligned to your AI strategy and ISO 42001 expectations.
- **Strategic deployment control:** In line with ISO 42001, provide assurance that your governance processes are adequate to address the scale and complexity of specific AI use cases deployed across the business.
- **Ethical assurance:** Provide assurance that your organisation's use of AI is ethically sound and is perceived as trustworthy in the marketplace. This includes assessing key aspects, such as contestability and whether considerations of end-user impact have been adequately addressed.
- **Controls testing:** Test the adequacy and design of key controls to mitigate identified AI risks. We assess their operating effectiveness to ensure AI models deployed are reliable, accurate, consistent, and unbiased.

Contact us



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Our value proposition



KPMG Australia is the first organisation to achieve ISO 42001 (AI) certification in Australia – we have the practical experience and understand what needs to be done.



We have ISO 42001 specialists in data, AI and Risk & Governance domains that come together as a multidisciplinary team to support your certification journey.



We have ready-to-use assets and artefacts to help accelerate.

Conversation starters

1

Do you have a framework to identify and manage risk in the development, implementing, maintaining, and continuous improvement of AI?

2

Is the Board concerned with how the organisation will use AI responsibly and effectively, even as the technology is rapidly evolving?

3

Do you have a clear view of the control environment of your AI systems and automated decision models?

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