

ISO/IEC 42001

INFORMATION TECHNOLOGY – ARTIFICIAL INTELLIGENCE MANAGEMENT SYSTEM



WHAT IS ISO/IEC 42001?

In response to the rise of AI and its challenges, the ISO and IEC created the world's first AI management system (AIMS) standard to provide guidance for this rapidly changing technology. ISO/IEC 42001:2023 provides a certifiable AIMS framework in which AI systems can be developed and deployed as part of an AI assurance ecosystem.

The global standard specifies the requirements for establishing, implementing, maintaining and continually improving an AIMS. It addresses AI's unique challenges, such as ethical considerations, transparency and continuous learning.

The goal is to help organizations and society benefit the most from AI while reassuring stakeholders that systems are being developed and used responsibly. It outlines a structured way to manage risks and opportunities, balancing innovation and governance.

WHY IS ISO/IEC 42001 IMPORTANT?

AI is developing and being adopted rapidly in many industries, products and services. Undoubtedly, AI is influencing, and will further influence, society and our lives.

Due to this progress and influence, trust, ethics and social concerns must be addressed. AI must be reliable, fair and transparent – it must be trustworthy.

KEY BENEFITS

ISO/IEC 42001 certification follows successful completion of an audit and enables you to:

- Implement AI safely, with evidence of responsibility and accountability
- Consider security, safety, fairness, transparency, and data and AI system quality throughout the life cycle
- Show that introducing AI is a strategic decision with clear objectives
- Indicate strong governance concerning AI
- Ensure that AI is used responsibly, especially concerning its continuous learning
- Ensure that all relevant safeguards are in place
- Integrate leading frameworks, including the EU AI Act and NIST AI Risk Management Framework (RMF), into your operational reality
- Streamline risk, life cycle and data quality management with proven processes
- Save money and gain efficiency
- Contribute to UN Sustainable Development Goals (SDGs) 5, 7, 8, 9, 10, 12 and 14

WHO IS IT FOR?

Any organization or professional looking to implement AI safely.

Because AI systems are complex, implementing an AIMS requires a truly multidisciplinary approach. Depending on the use case, this may include legal, privacy, operations, marketing, R&D, sales, HR, IT and risk managers.

WHAT WE OFFER

To implement an AIMS, you will need a solid understanding of ISO/IEC 42001's requirements. Our **digital trust training** experts offer key ISO/IEC 42001 courses, providing the required knowledge to ensure best practice and peace of mind.

Once the system is in place, we can provide a gap assessment. We will evaluate your system(s) against ISO/IEC 42001 requirements, identifying strengths and pinpointing improvement areas. This critical step helps you prioritize actions, reduce risks and accelerate your path to certification.

With **ANSI National Accreditation Board (ANAB)** and **Singapore Accreditation Council (SAC)** ISO/IEC 42001 accreditation, we will guide you through the entire certification process. After the successful completion of an audit, we will issue your certificate, confirming that your AIMS is robust, compliant and future-ready.

Among our growing achievements, our global network of experts has ensured:

- Our first-ever ISO/IEC 42001 certificate
- China's first-ever ISO/IEC 42001 certificate
- Our first-ever accredited ISO/IEC 42001 certificate
- Our first-ever ISO/IEC 42001 certificate in Japan
- Germany's first-ever ISO/IEC 42001 certificate

YOUR AI, OUR SAFE HANDS

Combining our world-leading testing, inspection and certification experience with decades of digital trust expertise, our ISO/IEC 42001 experts will guide you every step of the way, from knowledge-gathering to implementing and showcasing a fully functioning AIMS.

For more information on our ISO/IEC 42001 services, email: Certification@sgs.com.