

ISO/IEC 42001

INFORMATION TECHNOLOGY – ARTIFICIAL INTELLIGENCE MANAGEMENT SYSTEM



WHAT IS ISO/IEC 42001?

With the rise of artificial intelligence (AI), the ISO and IEC have created the ISO/IEC 42001 standard. It provides a certifiable AI management system (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.

The goal is to help organizations and society benefit the most from AI while reassuring stakeholders that systems are being developed and used responsibly.

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.

WHAT WE OFFER

To implement an AIMS, you will need a solid understanding of ISO/IEC 42001's requirements. We have training to provide the required knowledge.

Once the system is in place, we can offer a gap assessment. After the successful completion of an audit, we will issue your certificate, confirming the effective implementation of the standard's requirements.

An audit against ISO/IEC 42001 from SGS will help your organization to stand out from the crowd by supporting you to develop and improve performance.

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.

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
- Strike a balance between governance and innovation
- Ensure that AI is used responsibly, especially concerning its continuous learning
- Ensure that all relevant safeguards are in place
- Combine key frameworks with experience to implement crucial processes like risk, life cycle and data quality management

A STEP-BY-STEP CERTIFICATION PROCESS

1. **Understand the standard** – learn about the requirements
2. **Get in touch** – tell us what standard you are aiming for and we will provide a detailed proposal and quote for when you are ready
3. **Competence** – identify any skill and competence gaps that your staff may have. We can provide training and workshops to support
4. **Gap assessment** – identify any weaknesses
5. **Stage 1** – confirmation that implementing the standard is on track
6. **Stage 2** – confirmation that the standard is fully implemented
7. **Certification** – we will issue your certificate outlining the scope before you share your achievement with the world. Your stakeholders can check your certification via our Client Directory
8. **Ongoing improvement** – regular surveillance visits to help you maintain and enhance your management system

ABOUT SGS

We are SGS – the world's leading testing, inspection and certification company. We are recognized as the global benchmark for sustainability, quality and integrity.

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