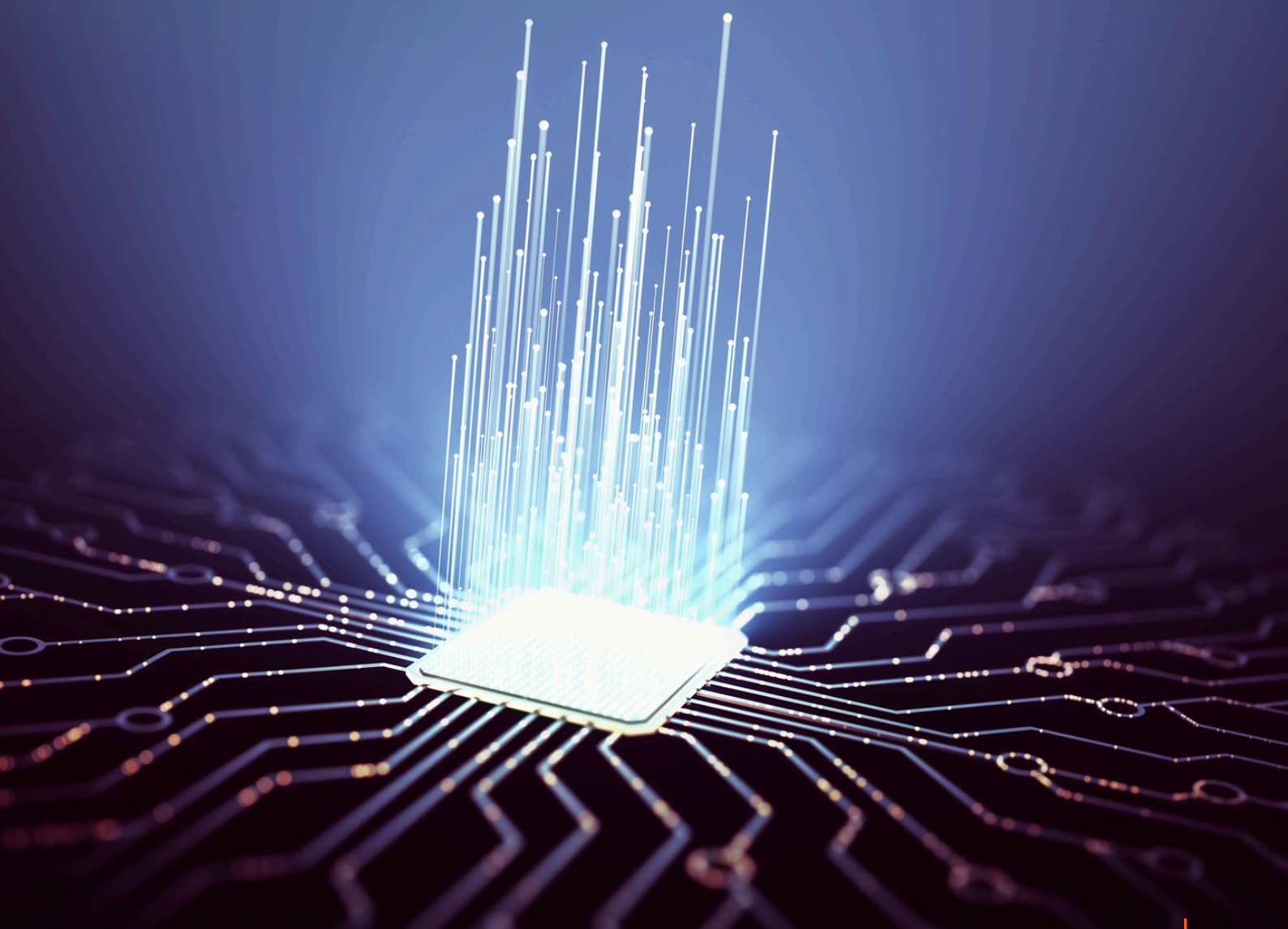
AI Clearing receives SGS's first ISO/IEC 42001 certificate

CASE STUDY



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Why did AI Clearing pursue ISO/IEC 42001 certification?

Pioneering technology company AI Clearing was proudly presented with SGS's inaugural ISO/IEC 42001 (artificial intelligence management system, or AIMS) certification.

AI Clearing, which is dedicated to transforming the construction industry through its cutting-edge software as a service (SaaS) platform – AI Clearing Core – worked diligently throughout the six-month audit process. The certification means they can implement AI more safely and effectively.

Michael Mazur, AI Clearing co-founder and CEO, said: "ISO/IEC 42001 certification proves that our AI system is managed according to the latest and most complex standards, and that our AI models are trustworthy and thoroughly verified before release.

"Having SGS as a long-term partner was crucial to this achievement. It is essential because our data sets have over 15 million labels, covering the area of over 154,000 American football fields. Moreover, we conducted over 5,000 machine learning iterations in 2023 alone."

How was your SGS experience?

Michael continued: "We were lucky to work with the perfect auditing team, which demonstrated exceptional skills and experience in conducting audits and the technicalities of AI development.

"The audit helped us deeply understand ISO/IEC 42001 principles and controls, and apply this knowledge to improve our AI management system.

This was essential, as the standard was new and implementing best practices was yet to be established.

"The audit was highly detailed, accurate and efficient, bringing outstanding value to our AI management processes.

"We were delighted that the experience also highlighted some key strengths, including:

- Our robust, live and integrated management system that addresses ISO 9001 (quality), ISO/IEC 27001 (information security), ISO/IEC 42001 and ISO 45001 (occupational health and safety)
- How we handle documentation
- Our competency in AI development
- The maturity of AI management processes"

What was it like working with AI Clearing?

Michal Cichocki, Deputy Business Manager and Sales and Development Manager, added: "We were delighted to partner with AI Clearing, as they were efficient, attentive and superb team players.

"They immediately understood our processes and what we needed to achieve for them to attain ISO/IEC 42001 certification.

"The standard proves their abilities and we look forward to working with them and enhancing the partnership going forward."

What is ISO/IEC 42001?

AI is developing and being adopted rapidly in many industries, products and services. Undoubtedly, AI influences, 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.

In response to the rise of AI and the challenges it creates, the ISO and IEC published ISO/IEC 42001 in December 2023. It specifies the requirements for establishing, implementing, maintaining and continually improving an AIMS.

The global standard provides a certifiable AIMS framework in which AI systems can be developed and deployed as part of an AI assurance ecosystem, considering ethics, transparency, accountability, compliance with regulations and standards, security, monitoring, evaluation and AI system assessment impact.

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

Who is ISO/IEC 42001 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.

> 42001
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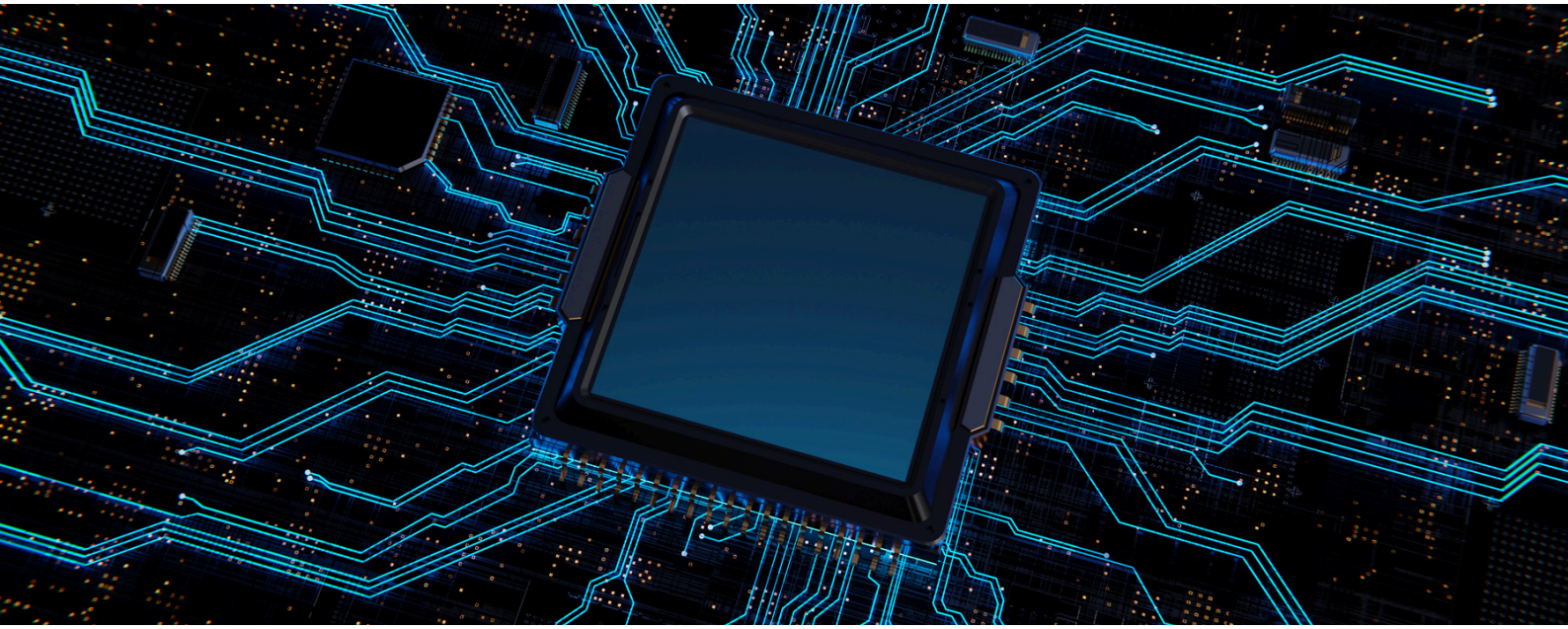
> "The age of AI calls for the age of ISO/IEC 42001. The global standard is the response to the rise of AI and the challenges it creates."



What are the benefits of ISO/IEC 42001?

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
- 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
- Contribute to multiple UN Sustainable Development Goals (SDGs)

Combining cyber and certification expertise

SGS's decades of digital and certification service experience unite to provide comprehensive, step-by-step support.

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

Once the system is in place, the company can offer a gap assessment. After the successful completion of an audit, SGS 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 stand out from the crowd by supporting you to develop and improve performance.

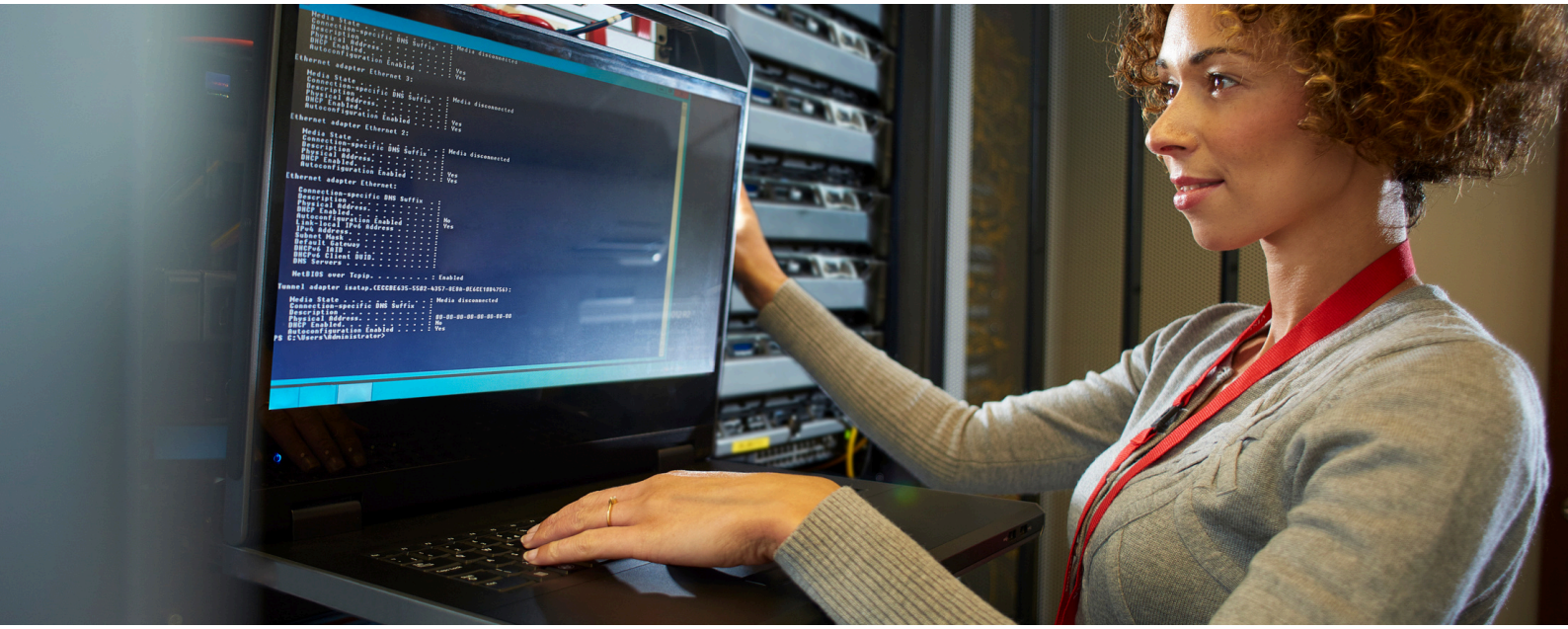
For more information, visit SGS's ISO/IEC 42001 web page or contact them today.

From FDIS to final version

AI Clearing was certified to FDIS ISO/IEC 42001 shortly after the final draft was released.
After ISO/IEC 42001 was published in December 2023, SGS conducted a follow-up assessment and certified AI Clearing's AIMS to the final version of the standard, confirming it fulfills the international standard's requirements.

About AI Clearing

AI Clearing is an innovative AI company dedicated to transforming the construction industry through the power of AI. With cutting-edge solutions designed to enhance construction project efficiency and outcomes, AI Clearing is revolutionizing how construction projects are managed and executed.
www.aiclearing.com



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