AI management system certification ISO/IEC 42001

Independently certifying that you are aligned to the global standard for managing AI development

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AI management system

As artificial intelligence (AI) continues to evolve and permeate different aspects of our lives, it becomes imperative to address the need for standardization and regulation. Adopting an AI management system provides a framework to establish competence and confidence so that both businesses and society at large can maximize the benefits derived from AI technology.

The adoption of an AI management system to extend your existing management structure is a strategic decision for an organization. Implementing and maintaining an AI management system enforces accountability, enhances operational efficiency, and strategic planning capabilities by leveraging data-driven insights and automation.

Understanding ISO 42001

The need for a robust AI governance framework has led the international standards community to produce ISO 42001, which provides a certifiable AI management system framework within which AI products can be developed as part of an AI assurance ecosystem.

The aim is to help businesses and society get the most benefit from AI and reassure stakeholders that their systems are being developed responsibly.

BSI's approach

At BSI we have the expertise to help facilitate the safe and secure adoption of AI technologies. Since 2022 the AI Regulatory Services team have been developing the capabilities, processes, and expertise to meet the future needs of AI regulation.

Our AI specialists have exceptional first-hand industry experience, which is maintained and enhanced through BSI internal training and qualification processes. This includes best practice quality system auditing techniques, understanding of industry processes, and interpretation of regulatory compliance expectations.

They are also competent and fluent in the latest regulatory frameworks and are constantly trained on new requirements and future changes. BSI is always looking ahead to ensure that our clients are informed of future changes to compliance and the regulatory landscape.

Who is ISO 42001 for?

ISO 42001 is applicable to any organization, regardless of size, type, and nature, that provides or uses products or services that utilize AI systems.

AI covers all sectors and is of interest to governments, academia, and businesses involved in its development and deployment globally. This includes industry verticals likely to deploy AI such as IT and telecommunication, retail and e-commerce, healthcare, manufacturing, automotive, and many others.

ISO 42001 journey

| Plan	Train	Implement	Certification	Maintain
Review ISO 42001 and establish strategic direction in line with requirements	Train relevant staff on achieving competence and professional aptitude against requirements	Implement AI management system requirements in your company	After a successful audit, we will issue a certificate confirming effective implementation	Maintain effectiveness to meet requirements of ISO 42001, alongside additional training
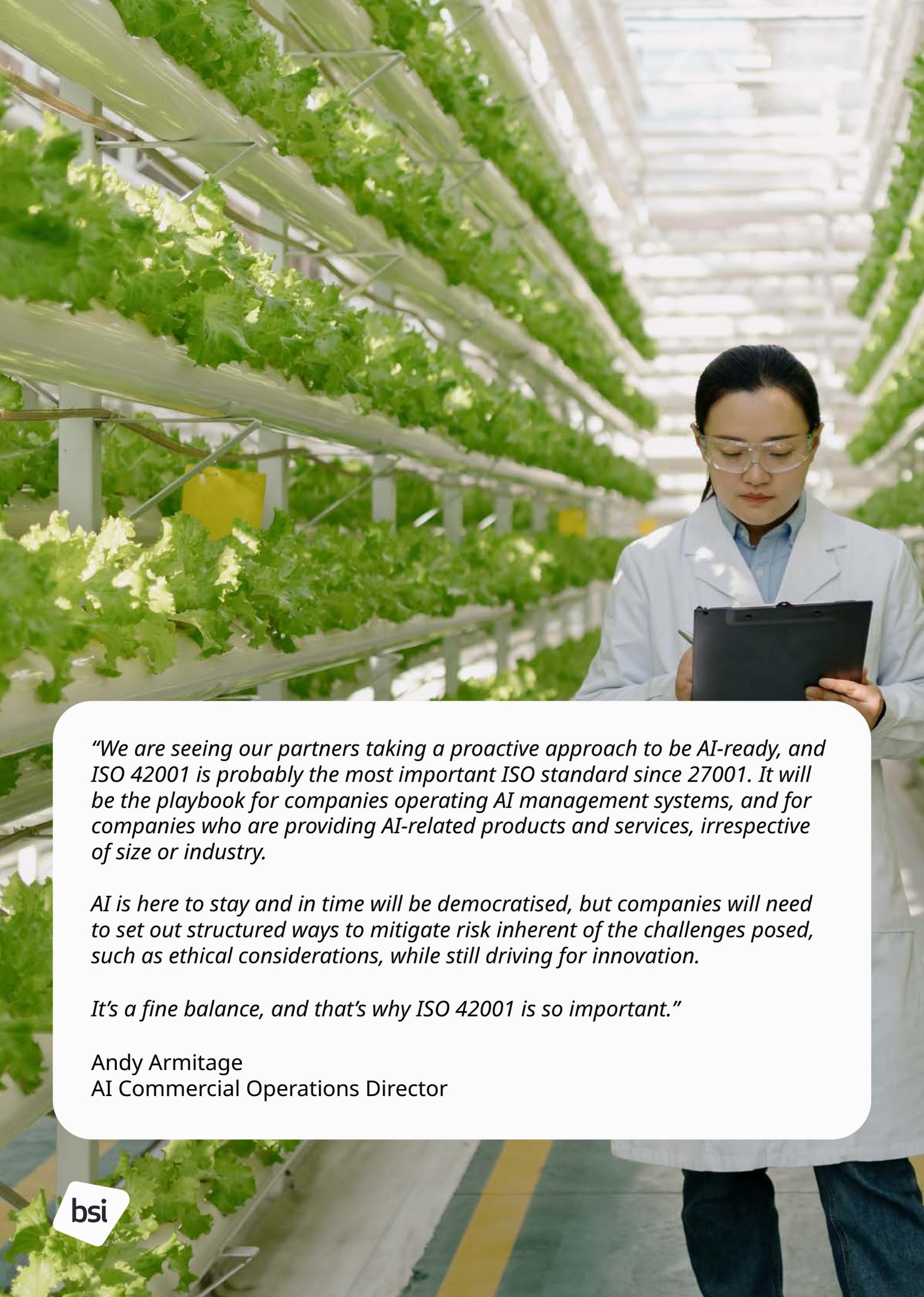
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"We are seeing our partners taking a proactive approach to be AI-ready, and ISO 42001 is probably the most important ISO standard since 27001. It will be the playbook for companies operating AI management systems, and for companies who are providing AI-related products and services, irrespective of size or industry.

AI is here to stay and in time will be democratised, but companies will need to set out structured ways to mitigate risk inherent of the challenges posed, such as ethical considerations, while still driving for innovation.

It's a fine balance, and that's why ISO 42001 is so important."

Andy Armitage
AI Commercial Operations Director

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Benefits of ISO 42001

The ISO 42001 AI management system standard not only aligns with the rapid advancement of AI technologies, but also ensures that companies can leverage these innovations responsibly and ethically.

By certifying against the ISO 42001 standard companies can unlock several benefits, such as enhanced operational efficiency, internal confidence, improved reputation, and faster adoption of innovation.

Key benefits from ISO 42001 certification:

Compliance to standards: Achieving certification to ISO 42001 will help your organization develop, provide, or use AI systems responsibly in pursuing its objectives, meet the latest applicable requirements and obligations related to interested parties and expectations from them.

Trust and credibility: Certification against ISO 42001 demonstrates ethical AI practices, building trust and credibility with stakeholders, making the organization a preferred partner or provider, by resulting in faster technology adoption, crucial for innovation.

Risk management: ISO 42001's framework enables organizations to proactively navigate and stay ahead of forthcoming AI's legal and ethical obligations, significantly reducing the risk of legal and reputational challenges.

Operational excellence: The standard not only provides guidelines for the establishment, implementation, maintenance but also for continual improvement of an AI management system. Being certified guarantees a structured approach to AI integration that fosters operational excellence, ensuring that AI technologies are deployed effectively and efficiently.

Competitive Advantage: In a landscape crowded with AI innovations, ISO 42001 certification is a mark of distinction. It signals to the market that an organization not only prioritizes innovation but also adheres to the highest standards of ethical and responsible AI use. This differentiation can be a critical factor in gaining a competitive edge.

Why BSI?

Our goal is the responsible adoption and use of AI for the benefit of society.

We have been proactive in our approach to upcoming AI regulations to help AI developers, producers, users, and providers anticipate requirements and seamlessly adopt habits of excellence, without stifling innovation.

By Royal Charter

Founded in 1901, and incorporated by Royal Charter in 1929, BSI became the world's first UK National Standards Body.
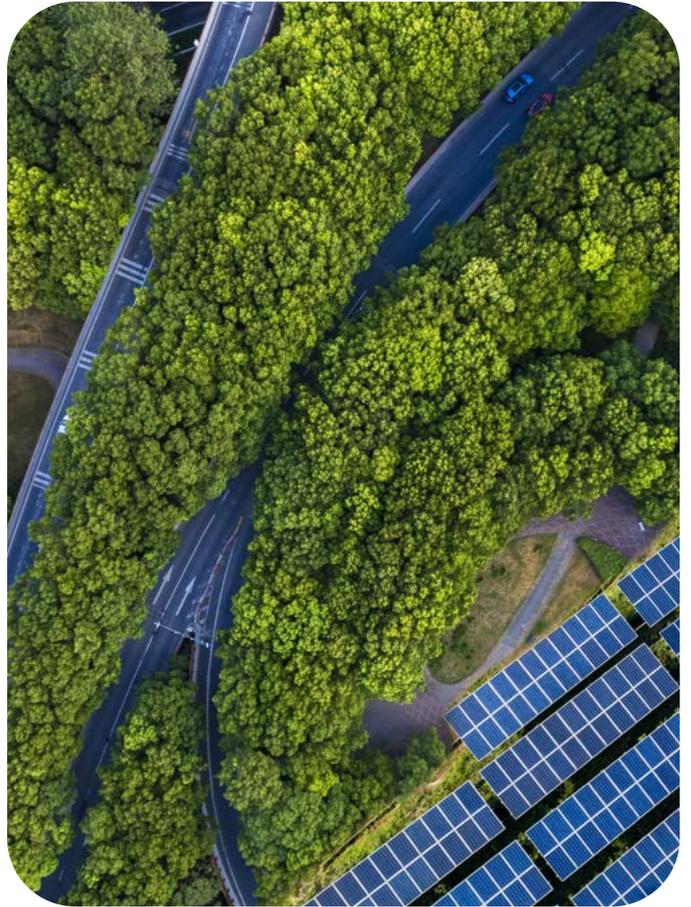
AI Services:

Expert AI training online or face-to-face through our public training courses.

Technical Design Assessment to provide evidence that the product, and its development, is compliant and aligned with the latest AI standard requirements.

Algorithm Auditing and Dataset Testing to establish trust and credibility in your AI-enabled product, service, or system.

Access to AI standards and related products, as well as online guidance documents.

Regulatory updates and newsletters focusing on industry changes, helping you to plan for the future.

Webinars delivered by our experts on regulatory issues.

Comprehensive whitepapers providing the latest insights on key industry topics.
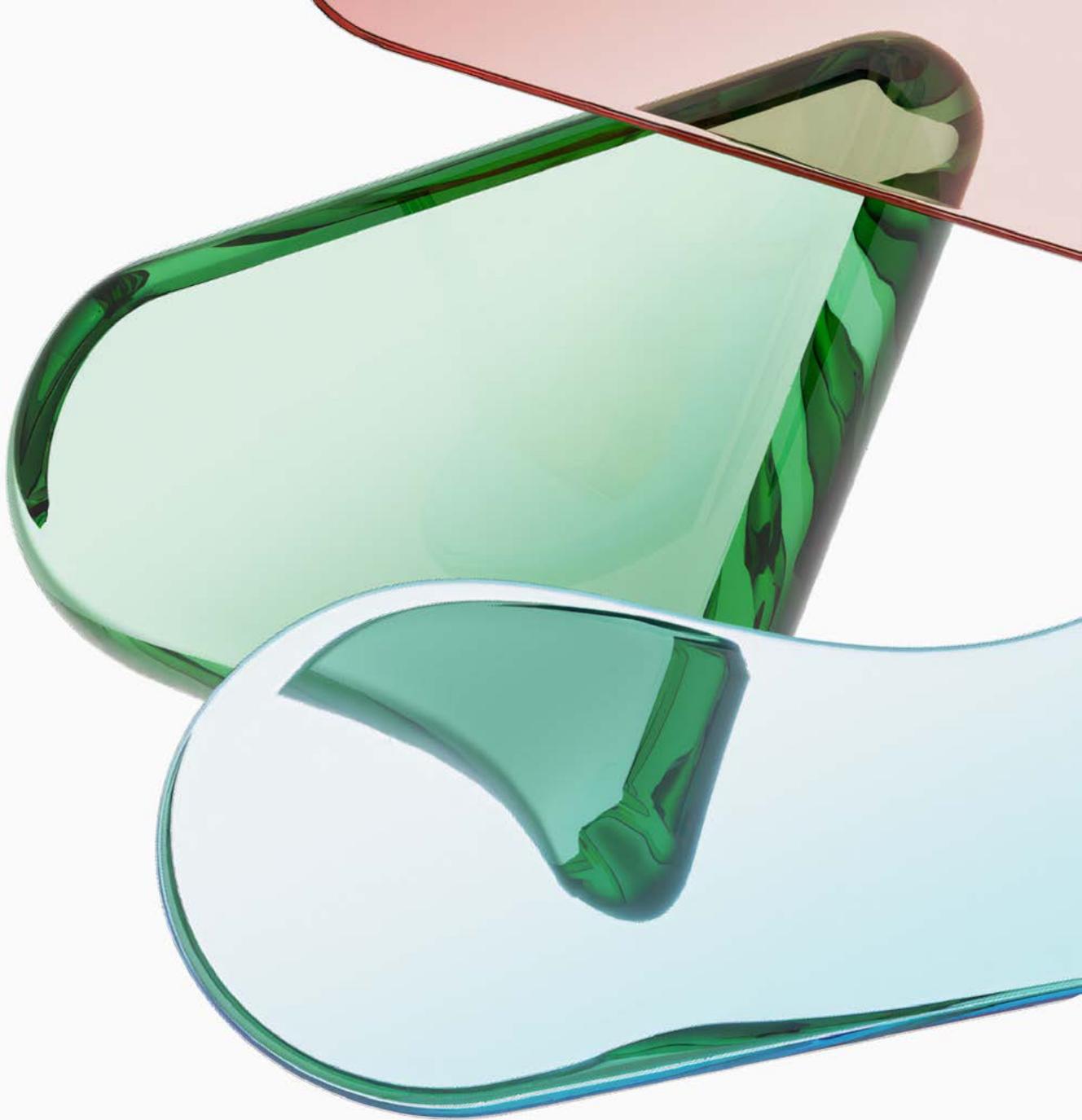
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