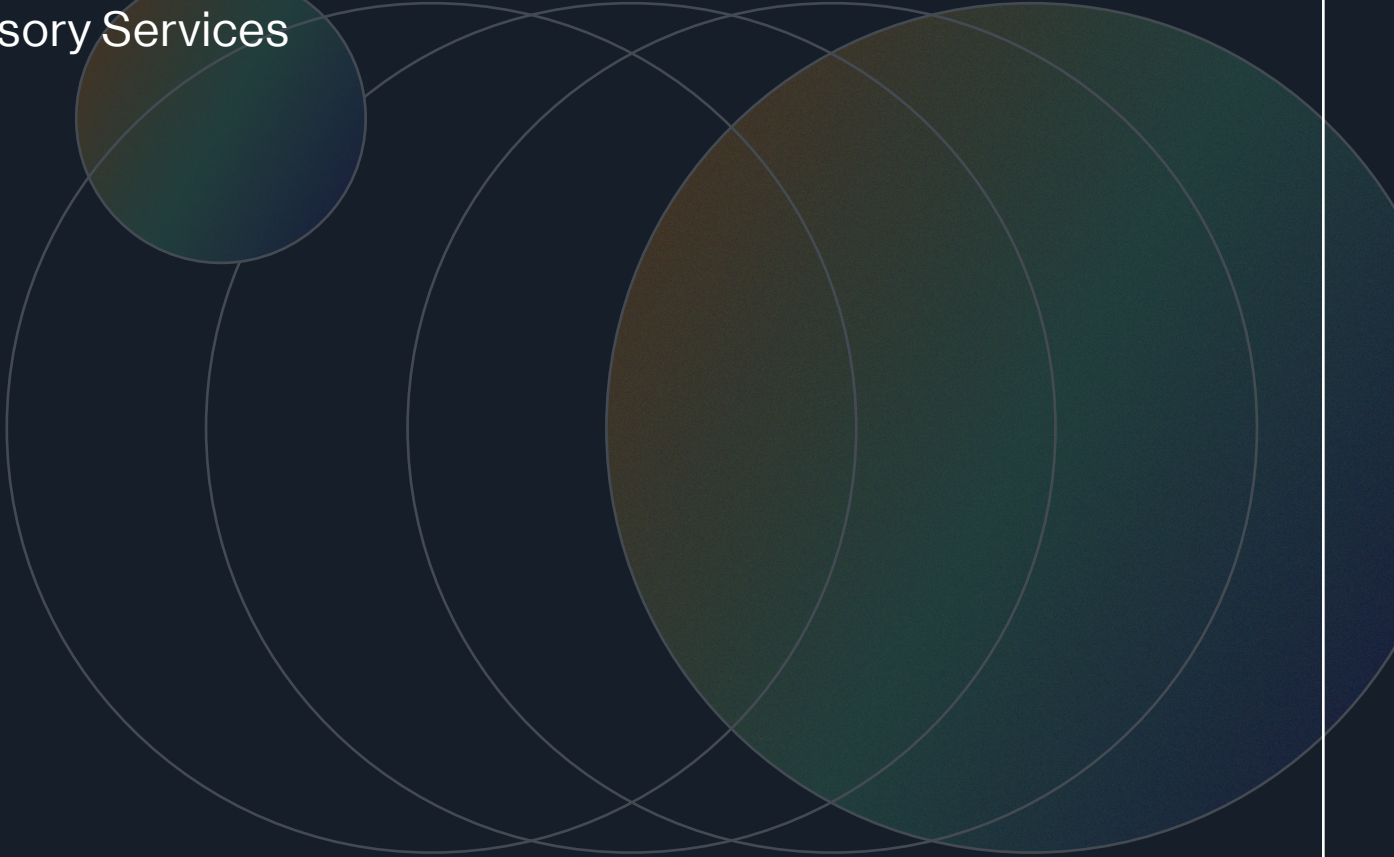




| *Whitepaper*

# ISO 42001

Advisory Services



858.999.3030 | [info@rsisecurity.com](mailto:info@rsisecurity.com)

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## ISO/IEC 42001

ISO/IEC 42001:2023 is a revolutionary new standard developed to ensure secure, fair, and efficient use of artificial intelligence (AI).

This standard is critical for businesses in all industries that seek to leverage the power of AI. Complying with ISO 42001 communicates proactivity to clients and strategic partners.

## Understanding ISO 42001

The International Organization for Standardization (ISO) publishes several standards in collaboration with the International Electrotechnical Commission (IEC). ISO/IEC 42001 is one of the newest, published in 2023 to codify best practices for AI management systems (AIMS).

The main objectives of ISO 42001 are to promote sound governance, transparency, and fairness in AI and AIMS. By implementing bias mitigation, visibility infrastructure, and accountability protocols, organizations can ensure their AI use aligns with these principles.

While compliance with ISO 42001 is not yet legally required, many countries are developing AI regulations based on the protections outlined in the standard. Implementing ISO 42001 not only prepares businesses for future regulatory requirements but also offers practical benefits like enhanced safety, security, and customer trust.



## Key Clauses of ISO 42001

ISO 42001 is structured with a Foreword, Introduction, 10 Clauses, four Annexes, and a Bibliography. The most critical parts for achieving compliance are Clauses 5-10.

- **Clause 5:** Strong leadership is required to establish policies, allocate resources, and streamline organizational AI management.
- **Clause 6:** Practical action plans for AIMS deployment, maintenance, and continual improvement must be set up.
- **Clause 7:** Resource allocation, critical competencies, and robust logistical support for responsible parties is required for sound AIMS management.
- **Clause 8:** AI systems must be effectively operated and controlled by managing identified risks and conducting impact assessments.
- **Clause 9:** Compliant organizations need to evaluate their AI tools and AIMS regularly, along with general IT and cybersecurity reviews.
- **Clause 10:** Organizations must commit to continuous improvement by reviewing and adjusting as necessary and remediating nonconformities.

## RSI Security's ISO 42001 Services

RSI Security's ISO 42001 services include:

- Conducting a sustainability assessment and gap analysis to align operations with ISO 42001 requirements.
- Developing a customized compliance plan and providing training on ISO 42001 principles and sustainable practices.
- Assisting with documentation, system improvements, and liaising with certification bodies throughout the certification process.
- Offering ongoing support and advice to maintain sustainability practices post-certification.

# Steps to Achieve ISO 42001 Certification

Like many other certifications, ISO 42001 compliance is a multi-step process. Working with an ISO 42001 advisor throughout all stages is the best way to achieve compliance efficiently.

## **1. Initial Assessment and Gap Analysis**

Understanding your organization's current standing is the first step toward ISO 42001 compliance. Our experts conduct a comprehensive sustainability assessment to evaluate your existing operations, policies, and environmental impact. We gather key documents—including sustainability reports and impact data—while identifying in-scope AI tools and systems. This ensures a clear mapping of controls to compliance requirements, setting the foundation for a seamless implementation.

## **2. Developing a Compliance Plan**

Using the information gathered in the previous stage, the next step is to develop a customized compliance plan for your organization. Our team helps you identify and allocate the necessary time, personnel, and external support to implement and maintain AIMS controls. The plan also includes how to seamlessly integrate sustainability strategies across your operations, supply chains, and corporate governance—ensuring long-term alignment with ISO 42001 requirements.

## **3. Documentation of Requirements**

Our team helps document all required protections, mapping them against your existing controls. We assess and prioritize necessary additions or modifications based on criticality, cost, and implementation complexity. Additionally, we assist with the documentation and system enhancements needed to meet ISO 42001 requirements, ensuring a streamlined path to compliance.

## **4. Training and Awareness Programs**

All personnel interacting with AI must be trained to use it in compliance with ISO 42001 standards. Our team helps integrate AI training into onboarding programs and establish ongoing annual training with practical assessments, ensuring employees stay aligned with best practices and regulatory requirements.

## **5. Certification**

One of the final steps of securing ISO 42001 certification requires selecting and engaging the right certification body. Our team provides end-to-end support throughout the process, from identifying the best certification partner to managing required documentation. We also liaise directly with certification bodies and manage required documentation, ensuring a seamless audit experience and a clear path to successful certification.

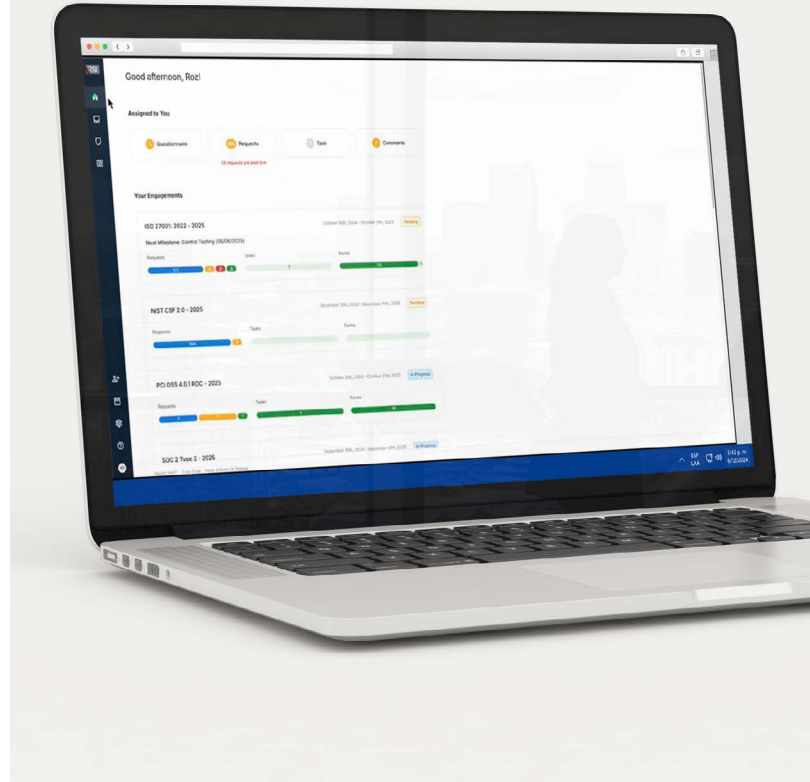
## **6. Ongoing Compliance and Continuous Improvement**

Certification is just the beginning—ongoing maintenance and continuous improvement are critical to long-term success. We help conduct internal audits (a key part of baseline compliance per Clause 9 of ISO 42001), identify nonconformities, highlight strengths to build upon, and provide actionable recommendations to future-proof your AI governance. Additionally, we offer ongoing advice on maintaining sustainability practices post-certification, ensuring continued alignment with ISO 42001 standards.

# RSI Security's GRC Tool: Your ISO 42001 Management Solution

RSI Security's GRC Tool empowers seamless management of ISO 42001 implementation, along with all other governance, risk, and compliance (GRC) needs. Highlights of the platform include:

- Provides pre-built templates for ISO 42001 and other common frameworks like SOC 2, CMMC, and NIST.
- Automates repetitive and time-consuming tasks such as data gathering, documentation, and reporting.
- Step-by-step verification for every ISO 42001 requirement.
- Integrates with popular tools like Slack, G Suite, and Microsoft 365 for seamless communication and data flow.
- Enables real-time collaboration with team members and clients.
- Tracks, assesses, and mitigates risks with intuitive dashboards and comprehensive reporting.



## Achieve ISO 42001 Compliance Today

RSI Security will jump-start your ISO 42001 certification process with a free consultation. Our experts provide insights on how ready you are for ISO 42001 implementation, what specific controls need to be installed, and what benefits you can expect from ISO 42001 compliance.

**To learn more about RSI Security's ISO 42001 services, get in touch today!**

**Contact an expert at RSI Security today to get started.**

### About RSI Security

RSI Security has helped countless organizations implement cyber defense, secure their certification, and maintain long-term compliance with a wide variety of regulations. We have worked closely with ISO 42001, ISO 27001, and related frameworks in the past, including helping organizations streamline compliance with many different codes simultaneously.

Most importantly, RSI Security is committed to the human element of cyber defense and compliance preparation. We believe that the right way is the only way to leverage AI tools, ensuring secure, fair treatment for your personnel, clientele, and all other stakeholders.