ISO 42001: Meaning and Application (TÜV).

Your Practical Roadmap to Legal Compliance, Risk Management, and AI Certification

Seminar Präsenz / Virtual Classroom Zurzeit keine Termine

24 Unterrichtseinheiten Zertifikat

Seminarnummer: 31365

Stand: 28.11.2026. Alle aktuellen Informationen finden Sie unter https://akademie.tuv.com/s/31365

Are you looking to implement Artificial Intelligence in your company safely, ethically, and in compliance with global regulations? The **ISO/IEC 42001** standard is the world's first international benchmark for **Artificial Intelligence Management Systems (AIMS)**.

This practice-oriented TÜV certified course provides you with the theoretical foundation and practical tools needed to successfully integrate AI governance into your organization, manage risk, and prepare for official certification.

Nutzen

Deploying AI offers tremendous opportunities, but it also raises serious questions about governance, safety, ethics, and regulatory compliance. An AI management system (AIMS) in line with ISO/IEC 42001 gives your organization a clear, certifiable structure to answer them:

- Responsible AI governance: Establish clear policies, roles, and processes that ensure transparency, fairness, and accountability in the use of AI.
- Effective AI risk management: Identify, assess, and treat AI-specific risks early, including a structured AI system impact assessment.
- EU AI Act alignment: Build management structures that support compliance with upcoming European AI regulation and reduce administrative effort.
- Stakeholder and customer trust: Demonstrate your commitment to trustworthy AI to clients, partners, and investors, backed by an independent TÜV qualification.
- Seamless integration: ISO/IEC 42001 follows the harmonized structure and integrates smoothly with existing management systems such as ISO 9001 (quality)

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.

and ISO/IEC 27001 (information security).
This seminar goes beyond theory: you work directly with the structure of the standard, clause by clause, and elaborate concrete examples and requirements in detail, so you leave with knowledge you can apply immediately in your own organization.

Zielgruppe

- Chief Information Security Officers (CISOs) and information security officers who are extending their responsibilities to AI
- AI officers and managers responsible for AI governance and compliance
- Executives and process owners who are setting up or overseeing an AI management system
- Consultants who want to advise organizations on ISO/IEC 42001 implementation
- Professionals preparing for a future role as internal or certification auditors for ISO/IEC 42001

Anforderungen

For information on the examination content, admission requirements, certification validity, and other details regarding this certification program offered by PersCert TÜV, the independent Personnel Certification Body of TÜV Rheinland, please visit **www.certipedia.com** and search for **Program ID 85853**.

No special knowledge of artificial intelligence is required to participate in the seminar. However, a basic understanding of technical processes and business management procedures is advantageous in order to be able to apply the knowledge acquired in your own company in a targeted manner.

Abschluss

Zertifikat

Following the seminar, you will demonstrate the skills you have acquired by taking the corresponding examination administered by PersCert TÜV. Upon successful completion, you will receive the **digital, blockchain-secured personal certificate** "AI-Coordinator (TÜV)" It is **forgery-proof, internationally recognized (German/English)**, and meets the strict requirements of **ISO/IEC 17024 -** proof of verifiably current, independent, and verified competence. Your personal certificate helps you and your company **reduce liability risks, strengthens your professional**

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.

reputation, and underscores your **leadership skills** as well as your **personal commitment to quality**. It also provides a solid foundation for your individual professional development and career planning.

Inhalte

Module 1: **Orientation: The Standard, the Market, and the Regulatory Landscape**

- Introduction to ISO/IEC 42001: purpose, structure (harmonized structure, PDCA), and key terms
- The AI standards and regulatory landscape: EU AI Act, ISO/IEC 42005, and related standards, and how they interact
- Certification market: who is getting certified, how the market is developing, and what this means for your organization

Module 2: **Building the AI Management System** (Clauses 4 to 7)

- Context of the organization (Clause 4): internal and external issues, interested parties, and scope. Developed hands-on as a working context document
- Leadership, AI policy, roles and responsibilities (Clause 5)
- Planning (Clause 6): AI risk assessment, risk treatment and the Statement of Applicability, AI system impact assessment, AI objectives, and planning of changes
- Support and resources for the management system (Clause 7): resources, competence, awareness, communication, and documented information

Module 3: **Operational Implementation and the Annex A Controls** (Clause 8)

- Operational planning and control (Clause 8): putting the AI management system into day-to-day practice
- Continuous work with the controls: the 38 Annex A control objectives and controls (nine control groups, A.2 to A.10), elaborated with the detailed implementation guidance in Annex B
- Working out selected requirements and controls in detail, using concrete examples from practice

Module 4: **Evaluation, Improvement, and the Path to Certification** (Clauses 9 and 10)

- Performance evaluation (Clause 9): monitoring, measurement, analysis and evaluation, internal audit, and management review
- Improvement (Clause 10): continual improvement, nonconformity, and corrective action

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.

- AI management across industries and sectors: AI-related objectives, risk sources, and sector perspectives (Annexes C and D)
- The certification process: how an ISO/IEC 42001 audit works and how to prepare your organization
- Final review and PersCert TÜV examination

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter https://akademie.tuv.com/s/31365 und profitieren Sie von diesen Vorteilen:

Schneller Buchungsvorgang
Persönliches Kundenkonto
Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.

® TÜV, TUEV und TUV sind eingetragene Marken. Eine Nutzung und Verwendung bedarf der vorherigen Zustimmung.