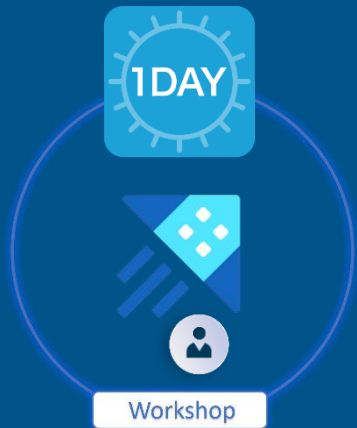


Strategic Leadership in AI – Governing AI with ISO/IEC 42001



Board of
Directors

CXO's

Business
Executives

Technology
Executives

AI Governance
Leaders

Lead
Auditors

AI
Architects

Management
System
Auditors

SMEs in AI
Design &
Implementation

Enterprise
Architectures

Business
Analysts

Compliance
Managers

Managers and
Consultants

Project
Managers

Cloud
Architects

Strategic Leadership in AI – Governing AI with ISO/IEC 42001

Skills and expertise to help you increase your knowledge in the field of digital technologies

About this workshop

We are on a mission to transform the senior business executives and technology leadership teams on the potential knowledge on enterprise architecture and digital emerging technologies with a on point agenda that they have nothing to lose but everything to gain.

This one-day course provides essential guidance to organizations embarking on an Artificial Intelligence (AI) journey and the new ISO/IEC 42001:2023 standard. Leveraging experience with related ISO standards, this course provides an introduction for anyone intending to implement an AI Management System and undertake AI System Impact assessments.

At the end of this course, participants will be able to demonstrate their commitment to ethical AI practices, ensuring their AI systems, products and services are efficient and effective.

“ Artificial intelligence has brought decision-making to the forefront of technology, and this brings both significant innovation and the need for ethical, transparent systems to manage the inherent risks. ”

Key Components and Requirement's of ISO/IEC 42001 Standard

ISO/IEC 42001 introduces a comprehensive **AI framework** tailored for organizations developing, deploying, or managing AI systems. The key requirements include establishing an AI Management System (AIMS), AI Risk Management, Ethical AI Principles, Continuous Monitoring and Improvement, and Stakeholder Engagement. In a nutshell, these requirements make ISO 42001 an essential AI certification for companies committed to **building trust** in AI systems.

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Governing AI with ISO/IEC 42001 Framework: ISO/IEC 42001 is the world's first artificial intelligence (AI) management system standard, designed to build trust in AI through robust ethical guidelines. It addresses critical issues such as data privacy and algorithmic bias, providing a comprehensive framework for responsible AI development and deployment.

Implementing an AI management system under ISO 42001 enables businesses to **manage AI risk effectively**. With regulations evolving, ISO/IEC 42001 serves as a cornerstone, ensuring organizations foster trust, innovation and compliance in a legally and socially responsible manner.

In a nutshell, ISO/IEC42001 is a new standard for AI Governance that ensure responsible AI governance and enable organizations of all sizes to achieve AI compliance, mitigate potential risks, and align with internationally driven standards.

The ISO/IEC 42001 standard offers organizations the comprehensive guidance they need to use AI responsibly and effectively, even as the technology is rapidly evolving. Designed to cover the various aspects of artificial intelligence and the different applications an organization may be running, it provides an integrated approach to managing AI projects, from risk assessment to effective treatment of these risks.

Unit 1 – ISO/IEC 42001 AI Management System Fundamentals

- IT industry is standing at a decisive point – Workshop Objectives.
- Importance of AI Governance and the Role of Leadership.
- AI Strategy Framework – Five Main Phases.
- Key failures in Corporate Governance – Case Studies.
- Artificial Intelligence Management System ISO/IEC 42001 Specifications.
- Executive Responsibilities & Strategic Alignment.
- The Impact of Leadership on ISO 42001 AIMS Effectiveness.
- Embedding AI Governance in Business Strategy.
- The Role of Board and Senior Leadership in AI Risk Oversight.
- AI Risk Management and Ethical Considerations
- Understand the ISO42001 Standards.
- ISO/IEC 42001 – Purpose, Scope, Structure and Integration Standards.
- Understand Artificial Intelligence Management System.
- ISO/IEC 42001 – AI Governance Lifecycle Risk Management.
- AI Lifecycle Risk Management – ISO/IEC 42001 for AI Governance.
- ISO 42001 Structure of the Standard (Plan-Do-Check-Act cycle).
- Key Focus Areas of ISO/IEC 42001 and AIMS Best Practices.
- ISO/IEC 42201 Conclusion.
- Unit 1 Assessment.

Who should attend this course: This course is ideal for professionals involved in AI governance, compliance, quality assurance , and auditing roles within organizations. It is suitable for individuals seeking to enhance their skills in auditing AI management systems or those responsible for implementing and maintaining AI governance frameworks.

Unit 2 – ISO-IEC 42001 Compliance Checklist and Certification

- Outline the barriers in meeting the criteria set for compliance?
- Understand Compliance and its implementation examples.
- The Role of leadership in ongoing Compliance.
- Key Steps for Implementing AI Solutions in Compliance with ISO/IEC 42201.
- How to get started with Compliance.
- Stepwise approach for preparing for ISO/IEC 42001 Compliance Checklist.
- Understand AI related Standards and Define the Scope.
- Build your AIMS Framework.
- Implement Controls and Validate Performance.
- ISO/IEC 42001 Certification Process.
- Prepare for the ISO/IEC 42001 Certification.
- ISO/IEC 42001 Certification Process Summary.
- ISO/IEC 42001 Certification benefits.
- ISO/IEC 42001 Post-Certification – A part of Continuous Improvement.
- How an Organization Maintain ISO/IEC 42001 Certification?
- Unit 2 Conclusion Summary.
- Unit 2 Assessment.

*Opportunities are made,
not found*

Strategic Leadership in AI – Governing AI with ISO/IEC 42001

Skills and expertise to help you increase your knowledge in the field of digital technologies

Build Trust in Artificial Intelligence

Achieving ISO/IEC 42001 certification demonstrates your commitment to ethical AI practices, ensuring your AI systems, products and services are efficient and effective.

In a nutshell, ISO/IEC 42001 sets the foundation for AI governance and regulatory alignment. It outlines key requirements to help organizations build a trustworthy AI management system. These include risk management, AI system impact assessment, system lifecycle management and third-party supplier oversight.

“Strengthen cybersecurity, data protection, and AI risk management, while ensuring compliance and building stakeholder trust.”

Target Audience:

- Management System Auditors wishing to expand their knowledge to this emerging field.
- Managers or consultants seeking to understand the AI management system audit process.
- Individuals responsible for maintaining compliance with the AI management system.
- Subject Matter Experts in AI design and implementation.
- Professionals involved in analyzing and understanding business requirements for AI implementation.
- Individuals involved in the development and implementation of AI solutions and in designing the architecture of AI systems.
- CXO, IT Directors/GM IT/Head of IT, Business and Technology Leaders, Business Analysts, Application and Development Teams, Solutions Architects, Enterprise Architects, and Technical Writers.

Key Benefits of ISO/IEC 42001 Standard

- Ethical AI usage:** Promotes responsible and ethical use of AI technologies, ensuring respect for human rights and adherence to ethical guidelines.
- Safety and reliability:** Ensures AI systems are safe, reliable, and perform as intended through rigorous testing and validation processes.
- Trust and transparency:** Enhances trust in AI systems by requiring transparent and accountable practices, making it easier to audit and verify AI operations.
- Operational efficiency:** Optimises AI deployment and management, leading to improved operational outcomes through streamlined and standardised processes.
- Compliance with laws and regulations:** ISO 42001 aligns with global best practices, making it easier for organisations to meet the requirements of multiple jurisdictions. By adhering to ISO 42001, organisations can proactively address regulatory concerns, thereby avoiding fines, sanctions, or other legal issues.
- Competitive edge:** ISO 42001 certification from LRQA is a clear statement of your capability in AI governance, showing that you adhere to internationally recognised best practices. This not only helps in building trust but also gives you a competitive edge, aiding in the acquisition of new business and strengthening relationships with existing clients.

Who can implement ISO/IEC 42001?

Any organization that develops or uses AI technologies can implement ISO/IEC 42001. This includes tech companies, healthcare providers, financial institutions, manufacturing firms, and government agencies. ISO 42001 provides a systematic approach to AI management, which involves:

- Establishing AI governance structures and policies.
- Identifying and assessing risks associated with AI technologies.
- Implementing controls to mitigate AI-related risks.
- Monitoring and evaluating AI system performance.
- Ensuring continual improvement of AI management practices.

ISO/IEC 42001 AI Management System course offers a valuable opportunity for professionals to develop the expertise needed to navigate the complexities of AI management systems. By investing in this one-day training course, organizations can understand the reliability, security, and ethical use of AI technologies, ultimately driving business success in the digital age.

How does Organizations maintain ISO/IEC 42001 Certification?

Certification is not a one-time event but an ongoing process. To maintain ISO/IEC 42001 certification, organizations must continually monitor and improve their AI management system. This includes conducting regular internal audits, staying updated with regulatory changes, and undergoing periodic surveillance audits by LRQA to ensure continued compliance.

With increasing regulatory scrutiny, businesses need to proactively manage AI risks, including bias, data security and accountability. ISO/IEC 42001:2023 is the latest standard for an artificial intelligence management system (AIMS), offering a structured **framework for AI governance**. It helps organizations build trust, achieve AI compliance and align with international best practices.

Moreover, this standard ensures responsible development, deployment and operation which is a critical factor for successful AI adoption and broader digital transformation.

ISO/IEC 42001 Standard is for all Organizations and of all Sizes

Organizations of any size involved in developing, providing, or using AI-based products or services. It is applicable across all industries and relevant for public sector agencies as well as companies or non-profits. It is designed to be applicable across various AI applications and contexts.

Detailed Information

Course Code	: TN490
Course Duration	: 1 Day Workshop
Course Location	: TLC, Online, and Customer On-site.
Terms & Conditions	: 100% payment in advance.
Course Deliverable	: Comprehensive Student Guide and Course Certificate



To see the complete details on workshops imparted by TLC, please visit: www.tlc-pak.com/events.html

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