

Certified Lead implementor for Artificial Intelligence Management System (CLAIMS)

Delivery Method : Online

Code : CLAIMS

Duration : 32 Credits



Audience Profile

All professionals who recommend, design, implement or maintain AI-based digital services.

Exam & Certificate

Lead Implementer certificate from BTP Singapore, PMI (USA) Credits - 30

- ✓ **Case Scenario** based **templates** driven hands-on understanding.
- ✓ Active learning approach (50% **Push** + 50% **Pull**)

Training Overview

This workshop is tailored to be generally **applicable across all professionals**. In today's digital landscape, artificial intelligence (AI) is becoming more ubiquitous in our daily personal and professional activities. However, **integrating AI and AI-based systems poses a new challenges in delivering trusted services**. Organisations want to encourage AI-fueled innovation while requiring transparency, accountability, and security.

The answer is "**Trusted AI**", which is achieved by establishing the enterprise's **Artificial Intelligence Management System** (AIMS).

Training Coverage

The intensive & interactive workshop will address the urgency of knowing the "**Why?, What? & How?**" about implementing trusted AI. Participants shall be facilitated to explore the following.

- ✓ **ISO/IEC 42001** (the world's first AI management standard)
- ✓ **NIST AI RMF** (Risk Management Framework)
- ✓ **MITRE ATLAS** (Adversarial Threat Landscape for Artificial-Intelligence Systems)
- ✓ **Gartner AI TRISM** (trust, risk, security management)
- ✓ The **EU AI Act** (the world's first comprehensive AI regulation)

Learning Objectives

1. Comprehend **concepts and principles** of an Artificial Intelligence Management System (AIMS) based on ISO/IEC 42001 and related good practices.
2. Be aware of **regulatory and ethical** considerations surrounding AI implementation.
3. Understand how to **align AI initiatives** with core business objectives, ensuring coherence and synergy between technological advancements and organisational goals.
4. Demonstrate proficiency in interpreting the **ISO/IEC 42001 requirements** for implementing an AIMS, explicitly focusing on the **implementer's perspective**.
5. Identify and assess potential **AI-related risks** and devise comprehensive risk mitigation measures to safeguard against adverse impacts on operations, stakeholders, and compliance requirements.
6. Acquire the necessary skills for effectively operating, maintaining, and continuously improving an AIMS following ISO/IEC 42001 standards, fostering organisational resilience and **adaptability** in the face of **evolving AI landscapes**.
7. Prepare organisation for **third-party certification audits** by thoroughly understanding audit processes, documentation requirements, and compliance criteria specified in ISO/IEC 42001.

DAY 1: AI & the Enterprise Purpose

Quantifying the AI Value equation using "Fit for Purpose" & "Fit for Use" parameters

Real-world **AI Usecases** & Incidents

The need for trusted AI (**AI TRiSM**)

AI Concepts 101

Implementing AI (5 steps), AI **Maturity Model**

Responsible AI (**16 Goals**)

Components of an AI Governance & Management System

ISO/IEC 42001:World's first AI management system (AIMS) standard

A comprehensive **roadmap** to an AIMS

DAY 2: Align, Plan & Organise the AIMS

Understanding the organization and its context

Understanding the needs and expectations of interested parties

Determining the scope of the AI management system

Current State Assessment & AIMS Project Plan

Leadership and commitment: **AI policy**

Roles, responsibilities and authorities (RACI)

AI objectives and planning to achieve them (Annex C)

AI Risk Management using the **NIST AI RMF**

AIMS **Statement of Applicability**

DAY 3: Implement, Operate & Improve the AIMS

Selection, Design & **Implementation of AI Controls** (Annex A & B)

Operational planning and control of AI

Ongoing assessment of AI system impact & risks

Introduction to the Microsoft Responsible **AI Impact Assessment Guide & Template**

Ongoing communication, competence & Awareness

Reconfirming the understanding of **ISO 42001 clauses 4 to 10**

Management of documented information

Continual improvement

Nonconformity and corrective action

DAY 4: Assurance through the AIMS

The world's first comprehensive AI regulation "**The EU AI Act**"

Leveraging **MITRE ATLAS** (Adversarial Threat Landscape for AI Systems)

Identifying **AI Technology Risk** using the ISACA Audit Practitioner's Guide

Security of AI & AI for Security

Monitoring, measurement, analysis and evaluation of AIMS

Key Performance Indicators (**KPI**) & Key Risk Indicators (**KRI**)

Internal audit of AIMS

Management review of AIMS

Preparing for external 3rd Party Certification Audit



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Facilitator Profile

Successfully managed large global projects in the area of

- **Digital Business Transformation** (using Business Model Canvas, Data Analytics, Design thinking, Use Case library for digital technologies like AI/ML, IoT...)
- **Service Excellence** (using best practices like **Agile** / Scrum, TOGAF, ITIL, COBIT, DevOps, ISO22301, ISO20000 & ISO27001)
- **Information Security** (PKI, ISO 27001, NIST) | Consulted for Personal Data Protection Act in Singapore
- **Information System Solutions** Strategy / Feasibility Study / Road Map / Architecture / Vendor Evaluation
- **High Impact Learning Workshops** (using immersive learning, simulations, hands-on application of templates & techniques)

- Orchestrate **business transformation** initiatives using a combination of global good practices, digital technologies, relevant competencies and **shift in mindset**.
- Help clients in regulated industries with **benefit realization** through technology governance, risk & compliance within the context of emerging **digital technologies & cyber risk**.
- Delivers "**accelerated coaching**" for individuals to achieve Certification.
Achieve Certifications: CISA, CISM, CRISC, CGEIT, CDPSE, CCAK, CISSP, CCSP, CyberSecurity, COBIT, DevSecOps, **SRE**, AIOps, Observability, Scrum Master, PMP, ITIL, ISO 27001 and more.
- Over last 1 year delivered 20+ batches of CISSP / CCSP / DevOps / CyberSecurity for 300+ IT professionals across US & EMEA with trainer rating of **4.8+ out of 5**.
- **12+ Thought leadership talks** delivered at ISACA / PMI conferences across countries.