Nemko Digital

AI TRUST

Governance, Risk and
Compliance Services

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Nemko Digital guides organisations through their AI governance and regulatory compliance, ensuring that AI is designed, built and deployed in a way that inspires trust and conforms to international law. The risks of AI are real and well known. We are here to help you turn those risks into opportunities.

WHY CHOOSE NEMKO DIGITAL?

By choosing Nemko Digital's AI Governance and Regulatory Compliance services, your organisation will not only meet essential regulatory requirements, but also pave the way for responsible AI applications. Our comprehensive services ensure that your AI systems are transparent, well-governed, and prepared for the future, making them not just market-ready but market-leading. Collaborate with us to master AI governance and regulatory compliance and promote trust in a digital world.

Companies around the world trust Nemko to assess their products, systems, installations, and personnel for conformity with relevant standards and regulations. Since 1933, we have ensured that our customers comply with requirements anywhere in the world, enabling them to create and communicate trust in their physical products and in their processes. After ninety years of supporting our customers in physical trust, we have expanded our horizons into the pioneering field of digital trust.

In our digital world, trust in digital systems, services, and transactions is paramount, demanding increased attention to security, privacy, reliability, transparency, explainability, human agency, and responsible use of technology.

The rapid advancement of artificial intelligence (AI) and its applications across every sector have sparked a global conversation on regulation. Governments and organisations worldwide are grappling with the challenge of balancing innovation with ethical and safety concerns, with the increased demand for digital trust for AI systems. The European Union, the United States, the United Kingdom, and other countries are developing assurance frameworks to address these demands.

As global and local regulations and standards on artificial intelligence take shape, the demand for AI assurance — covering governance, risk, and compliance — is increasing. The implementation of upcoming regulations and standards will impact various industries. Thus, understanding these regulations and their applicability to business, services, or products is a key step to prepare. Equally important are building competence, deploying risk assessments, and designing AI policies and frameworks to comply with relevant standards.

Nemko has launched Nemko Digital to extend its commitment to customer support into the digital realm. By offering digital assurance solutions, Nemko Digital complements its existing frameworks and services, fostering both physical and digital trust for its customers.

AI GOVERNANCE SERVICES

Our AI Governance Services are designed to ensure that your AI operations are transparent, robust and compliant with regulations. At Nemko, we know that responsible AI design is a potent catalyst for innovation. Demonstrating a commit-ment to positive change will help attract and maintain clients, investors and top talent who are motivated by a sense of purpose. Trust is key for the future of AI. Our services are here to get you on track with your responsible AI governance.

Custom Policy Design

Make responsible AI practices pervasive and systematic across your organisation with our customized AI policy design. Our service offers a tailored approach that aligns AI policies with your organisation's unique goals and needs. We ensure your organisation will be well-pre-pared to meet risk management demands and adapt to new regulatory developments. With our custom policy design, your organisation can confidently navigate the complexities of AI innovation while maintaining a strong commitment to best practices and standards.

AI Lifecycle Management

Our AI Lifecycle Management service provides step-by-step guidance on the requirements for each stage of AI development, deployment and maintenance. This ensures that your AI systems are developed, deployed and managed com-prehensively. The AI lifecycle comprises a series of stages, each of which involves specific roles and responsibilities. This service is designed to ensure that these roles and responsibilities are clearly defined and understood by all parties.

Risk Identification Analysis

We conduct thorough risk assessments to identify potential high-risk areas within your AI operations. This approach helps in implementing strategic risk management protocols tailored to the unique circumstances of each AI application. By proactively identifying and addressing risks, we help you avoid potential pitfalls and ensure the smooth operation of your AI systems.

Custom Risk Mitigation Strategy

Based on the identified risks, we design custom mitigation strategies to safeguard your operations. These strategies align with industry best practices, ensuring that your AI deployments are robust and resilient. Our mitigation strategies are tailored to your specific needs, providing targeted solutions that effectively address identified risks.

Data Management

Quality data management is an important requirement for AI governance. In high-risk AI cases, the EU AI Act mandates training and testing on high quality data, subject to strict industry standards. Our data policy experts can help you manage your data properly and securely.

Identifying Roles and Responsibilities

We help identify the specific roles and responsibilities needed to integrate seamless AI governance within your organisation. This process considers the role of your organisation as viewed by supervisory authorities. Clearly delineating roles and responsibilities ensures accountability and smooth operation within your AI governance framework.

Third-Party Management

We help you oversee and manage the relationships and compliance of external partners involved in your AI operations. We ensure that all third-party interactions are aligned with your governance policies and regulatory requirements, allowing you to provide oversight and control over your entire AI ecosystem.

Transparency

We ensure transparency across your AI operations by providing detailed documentation and reporting for clients, your internal operations, and supervisory authorities. This includes necessary registrations and disclosures. Our detailed documentation practices ensure that all aspects of your AI operations are clearly communicated and understood.

AI REGULATORY COMPLIANCE

Our AI Regulatory Compliance services help you navigate the complex regulatory landscape, ensuring that your systems and models are compliant with all relevant standards and regulations. These services facilitate a smooth transition from development to market deployment, enhancing your AI's market readiness and trustworthiness. We offer comprehensive support throughout this process, ensuring that your AI systems are not only compliant but also optimized for performance and reliability.

AI Inventory Management

Our AI Inventory Management Service helps organisations catalog and manage their AI assets, offering a transparent overview of AI use cases and facilitating creating a personalized AI inventory. By maintaining a clear inventory of your AI assets, you can better manage and optimize their use, ensuring that all systems are effectively integrated.

Role Identification Assessment

This service identifies the specific roles your organisation plays within the AI use case, outlining the responsibilities required for market access of AI models or systems. Understanding your role within the AI landscape is crucial for ensuring compliance and optimizing your operations, and we provide the clarity needed to achieve this.

AI Regulatory Discovery

We help identify applicable regulations and standards specific to your AI use case, ensuring a focused review that pertains to your unique applications. Our regulatory discovery process ensures that all relevant requirements are identified and addressed, providing a clear path to compliance for your AI systems.

Regulation Impact Assessment

We evaluate how identified regulations and standards will affect your business, providing insights into compliance risks and potential repercussions. This approach helps you understand the implications of regulatory requirements and make informed decisions about your AI deployment strategies.

Gap Analysis and Assessment

We conduct comprehensive gap analysis and assessment services to identify disparities between your current AI practices and regulatory standards, guiding you towards compliance. Our detailed assessments pinpoint areas for improvement and provide actionable recommendations to bring your AI practices in line with regulatory expectations.

Guide Towards Compliance

We provide detailed guidance on the steps to achieve compliance, ensuring your AI systems are ready for market entry and sustained operational success. Our step-by-step guidance simplifies the compliance process, providing clear instructions and support to help you achieve and maintain compliance.

Model Cards

Through the creation of model cards, we help you document the specifications, usage, and behaviors of your AI systems, enhancing transparency and fostering trust among users and stakeholders. Model cards provide essential information about your AI systems, promoting transparency and helping stakeholders understand the capabilities and limitations of your models.

Compliance Verification and Reporting

Our compliance verification and reporting services ensure that all regulatory requirements are met, providing robust documentation and reporting features to support internal audits and regulatory scrutiny. These services offer the assurance you need to demonstrate compliance and maintain trust with regulators and stakeholders.

TRAININGS

Welcome to Nemko Digital's comprehensive AI training programs on AI governance, regulations, standards, and ethics. These programs cater to professionals and organizations committed to implementing and managing AI responsibly, equipping them with the expertise needed to excel in the evolving field of AI. The curriculum is divided into 5 main blocks:

01

Fundamentals of AI and AI Policy

This foundational block provides essential principles and practices crucial for understanding the basics of AI, AI governance, ethics, regulations, and standards.

Deep Dive into AI Regulation

This block offers in-depth sessions covering the AI regulatory landscape, with in depth discovery session focusing on the EU AI Act and NIST's Risk Management Framework 1.0. On demand, this block will also cover in depth sessions of other major AI regulations.

02

03

Deep Dive into AI Governance

Building on the foundational knowledge, this block offers in-depth sessions covering aspect of AI governance i.e. AI policy design, risk management, data management, roles and responsibilities, third-party management, and transparency.

Deep Dive into AI Standards

This block offers in-depth sessions covering specific international AI standards that ensure the safe, effective, and ethical deployment of AI systems, including ISO/IEC 42001, ISO/IEC 24027 and more.

04

05

Deep Dive into AI Ethics

This block offers in-depth sessions covering AI Ethics with a specific focus on trustworthy AI as outlined in the Ethics Guidelines for Trustworthy AI. The sessions will include the assessments of practical, real-life case studies using a systematic, problem-based approach.

TRAININGS
AI ACADEMY PROGRAMS

01
Fundamentals

Introduction to AI governance

Basics of AI governance

Introduction to AI Regulation

Overview of the global AI regulatory landscape incl. Europe and US regulation

Introduction to AI standards

International AI standards and their role in the AI ecosystem

Introduction to Trustworthy AI

Introduction to the Ethics Guidelines for Trustworthy AI

02
AI Regulation

AI regulatory landscape

Impact of different approaches to AI governance across the globe

EU AI Act

Requirements, implications and compliance strategies

NIST RMF 1.0

Application to AI systems, focusing on risk management

On demand

Tailored-made overview of a specific regulatory framework

03

AI Governance

AI Policy

AI policy design in practice

A Lifecycle management

Management and governance of each AI lifecycle stage

Risk management

Identification and mitigation of risks

Data for AI

Data governance and data quality

Roles and responsabilities

Definitions and needs

Third-party management

Limitations and evaluations

Transparency

Reports, client support and internal communication

04

AI Standards

ISO42001

Establish and maintain an AI management system

Other standards

Application of other standards into your organisation

05

AI Ethics

Trustworthy AI

Analysis and ethical deliberations of AI use cases