



Nemko
Digital

AI TRUST

Governance, Risk and
Compliance Services



AI Trust

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Leveraging our deep understanding of AI regulations and a customer-centric approach, Nemko Digital empowers organizations to transform regulatory challenges into strategic opportunities and competitive advantages. We provide strategic and tactical guidance on AI governance and regulatory compliance, ensuring responsible design, development, and deployment of AI systems that build trust and unlock business value. With Nemko Digital, you can effectively balance innovation and technology risks.

Why Choose Nemko Digital?

Nemko has been trusted since 1933 to ensure compliance with global standards, enabling companies to create trust in both their physical and digital products. Recognizing the critical need for digital trust in areas like security, privacy, and responsible use of AI, Nemko Digital supports customers navigating the complexities of AI governance and regulatory compliance. With the rise of regulations across the EU, US, UK and other regions, businesses face growing demands for AI assurance to balance innovation with ethical concerns. Nemko Digital offers solutions to help organizations build robust policies, conduct risk assessments, and align with evolving global standards, fostering trust in a digital world.

By choosing Nemko Digital's, your organization can meet essential regulatory requirements and pave the way for responsible AI applications. Our comprehensive services ensure that your AI systems are transparent, well-governed and future ready, making them not just market-ready but market-leading.

Collaborate with Nemko Digital to effectively manage AI regulations, establish a strong AI governance framework, and build digital trust.



PART OF THE NEMKO GROUP

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01

AI REGULATORY COMPLIANCE

Nemko Digital offers comprehensive solutions to navigate the complex and evolving global regulatory landscape. We guide organizations in aligning their AI systems with regulations like the EU AI Act, offering services from risk assessment and gap analysis to customized compliance plans. By identifying risks, addressing compliance gaps, and optimizing operational strategies, our services help you comply with global and local regulations, implement best practices and access global markets responsibly.

AI Regulatory Discovery and Impact

Nemko's AI regulatory discovery and impact services provide comprehensive support for navigating the evolving global AI regulatory landscape. By monitoring and analyzing proposed rules, repealed regulations, and emerging standards, we help organizations adapt to changes efficiently. Our proactive assessments highlight compliance risks and potential repercussions, empowering informed decision-making and strategic AI deployment. Through a proactive regulatory discovery process, we tailor compliance strategies to your AI use cases, optimizing performance, mitigating risks, and ensuring ethics.

Risk Categorization

Navigating risk-based legal frameworks requires a clear understanding of how your AI systems align with regulatory requirements. Our risk categorization services are designed to assess and classify your AI systems according to risk-based approaches, such as those outlined in frameworks like the EU AI Act. By identifying whether your system falls under high-risk, medium-risk, or low-risk categories, we help you make informed decisions to support compliance and operational success.

Gap Analysis and Assessment

We perform comprehensive gap analysis and assessments to identify disparities between your current AI practices and regulatory requirements, improving your compliance

posture and preventing costly exceptions. Our in-depth reports deliver actionable recommendations and strategic guidance, empowering your organization to proactively address compliance gaps, reduce audit costs, mitigate risks, and cultivate a culture of responsible AI innovation.

AI Compliance Roadmap

We offer a clear, structured path to help your AI systems meet regulatory requirements and maintain compliance. Our AI compliance roadmap service not only provides step-by-step guidance to navigate complex regulatory landscapes but also integrates seamlessly with AI Management Systems (AIMS) processes. By combining expert advisory support with tailored solutions, we streamline your compliance journey, from initial readiness to sustained regulatory alignment.

Compliance Verification and Reporting

Nemko offers independent verification and reporting on your AI systems' compliance, including comprehensive documentation and management attestations to support internal audits and regulatory needs. Our rigorous approach ensures adherence to relevant AI governance frameworks and legal requirements, enabling your organization to confidently validate compliance on demand. We also provide expert support in creating comprehensive model cards that document the specifications, usage, and behaviors of your AI systems, enhancing overall transparency.



02

AI GOVERNANCE

Our comprehensive AI Governance Services empower your organization to build and deploy trustworthy AI strategies across the entire AI lifecycle. Nemko Digital believes that strong AI governance is key to driving innovation. Our services foster this by managing risks, phases of the AI lifecycle, and organizational changes more effectively.

AI Governance Strategy

Nemko Digital helps organizations build robust AI governance frameworks that drive value while maintaining compliance and trust. Our AI governance framework facilitates oversight through clearly defined roles and responsibilities, ensuring organizational alignment and accountability for the controlled development and deployment of AI systems. Our service includes crafting comprehensive policies, implementing effective controls, and third-party management, as described in frameworks like the **ISO/IEC 42001, NIST Risk Management Framework (RMF), ISO/IEC 38507, and more**. We focus on ethical practices, regulatory requirements, and practical value generation enabling your AI solutions to operate responsibly and efficiently.

AI Inventory Management and Model Cards

Nemko Digital's AI Inventory Management Service provides comprehensive visibility and control over your AI assets, ensuring accurate classification and detailed cataloging. Our expertise gives your organization an in-depth understanding and visibility of your AI inventory, facilitating informed decision-making, optimizing resource allocation, and mitigating potential risks associated with undocumented or unmanaged AI systems. Through this process, we ensure that your organization stays aligned with frameworks such as **NIST AI RMF and ISO/IEC 42001**. We

also provide expert support in creating comprehensive Model Cards that document the specifications, usage, and behaviors of your AI systems, enhancing overall transparency.

AI Lifecycle Management

Nemko Digital's AI Lifecycle Management service provides comprehensive support across all phases of the AI lifecycle, from development and model validation to deployment and ongoing monitoring. It ensures effective controls and optimal performance through predefined metrics and clear roles and responsibilities. We help you meet industry best practices, including those outlined in **ISO/IEC 42001, ISO/IEC 22989, ISO/IEC 23894 and ISO/IEC 5338**.

AI Risk Management

Nemko Digital's specialized AI risk management framework transcends traditional operational risk assessment by providing comprehensive identification, assessment, mitigation, and ongoing management of risks inherent to AI systems throughout their entire lifecycle. Furthermore, our cybersecurity expertise facilitates the implementation of security protocols to enable organizations to preemptively mitigate data breaches and malicious attacks, among other risks. Our service is founded upon frameworks such as the **NIST AI RMF, ISO/IEC 23894, and the Cyber Resilience Act**, guaranteeing organizational alignment with industry best practices and regulation.

Data Governance for AI

Nemko Digital's data governance expertise empowers your organization to establish a concrete foundation for responsible AI systems development. Aligning with the **EU AI Act, ISO/IEC 5259 and ISO/IEC 8183**, we provide expert advice across the entire data lifecycle, from acquisition and rationalization to quality assurance and processing. Our tailored solutions optimize data management processes, enabling the development of confident and accurate AI models.

Transparency, Explainability and Ethics

Nemko Digital empowers organizations to integrate transparency, explainability, and ethical principles into their AI systems. We operationalize clear and comprehensive documentation, interpretability, and disclo-

sure practices to meet the needs of users and various stakeholders. By embedding these principles into your AI governance strategy, it enables stakeholders to grasp how decisions are made and foster confidence in your operations.

Vendor Management

Nemko Digital's cybersecurity expertise facilitates the implementation of controls that mitigate risks and foster public trust. Robust security protocols enable organizations to preemptively mitigate data breaches, malicious attacks, and emerging generative AI threats. Our support further extends to addressing security concerns within AI supply chains and third-party collaborations, areas which introduce considerable risks. We mitigate these risks through a structured process encompassing prioritization, evaluation, and transparent vendor assessments.

"In an increasingly digital world, trust in digital systems, services, and transactions is paramount. Each aspect, from safeguarding data against cyber threats to ensuring ethical and unbiased use of technology, plays a vital role in building and maintaining the confidence of users and other stakeholders. Nemko Digital provides this very needed trust in our digital world."



Shahram Maralani

Managing Director & Member of the Board



Nemko
Digital

**PROVIDING
TRUST
IN A
DIGITAL
WORLD**



03

AI MANAGEMENT SYSTEMS

Managing AI effectively requires robust systems that ensure accountability, compliance, and optimized performance throughout your organization. Our AI management systems (AIMS) services are tailored to help your team implement, refine, and maintain AI governance processes that align with ISO/IEC 42001, the first certifiable AI governance standard. Whether you're looking to train your team, enhance specific processes, or achieve full compliance, we offer a range of scalable solutions to meet your needs.

Trainings and Knowledge

Equip your leadership, management, and technical teams with the expertise they need through our comprehensive trainings and workshops. Designed to align with your organizational goals, these sessions focus on building a solid foundation for AI management and ensuring readiness for implementation.

Strengthen your AIMS processes for ISO/IEC 42001 certification

Dive deeper into specific AI management processes with our expert advisory services to address areas such as incident response

protocols, data traceability processes or AI monitoring frameworks. From specialized assessments to targeted recommendations, we will help you address critical areas, streamline workflows, and identify opportunities for improvement.

Total AIMS Implementation

Take your organization's capabilities to the next level with our end-to-end AIMS implementation services. We assist in building robust systems that meet international standards, including ISO/IEC 42001 compliance assessments, giving you confidence in your AI systems' safety, security, and ethical alignment.

"In the evolving landscape of AI, human involvement remains as crucial as the technology itself. It's the blend of human insights and capabilities that truly drives progress."



Mónica Fernández Peñalver
AI Governance Lead



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AI TRUST FOR PRODUCTS & SERVICES

As part of the Nemko Group, Nemko Digital builds on over 90 years of experience in establishing trust within the electronics industry. With a legacy of ensuring compliance and safety for hardware, Nemko Digital now integrates its expertise with the evolving domains of AI assurance. Our unique blend of product and AI expertise enables us to provide end-to-end governance, regulatory advice, and assurance services for clients embedding AI in their products. These services are designed to support both **providers** and **deployers** of AI systems.

AI Inventory Management

Nemko Digital's AI inventory management service ensures complete oversight of your AI assets by offering:

- Accurate classification of AI systems.
- Meticulous cataloging and detailed tracking of models, datasets, and components.
- Ongoing lifecycle monitoring to address updates and modifications.
- Support in creating comprehensive model cards that document specifications, behaviors, and use cases, enhancing transparency and compliance readiness.

This service is particularly valuable for products with multiple embedded AI components, ensuring full visibility and management of the product, facilitating compliance and operational success.

Risk Categorization

Navigating regulatory frameworks for AI embedded in products requires clear risk assessments. Nemko Digital's risk categorization services include:

- Detailed assessment of AI systems against risk-based regulatory frameworks, such as the EU AI Act, to classify systems as high-risk, medium-risk, or low-risk.
- Comprehensive reports and statements to support operational decision-making and compliance efforts.
- Comprehensive risk assessment to identify and manage risks inherent to AI systems throughout their entire lifecycle.

This ensures providers and deployers understand and manage AI risks as well the regulatory demands associated with their risk profiles effectively.

Regulatory Compliance Services for High-Risk AI Systems

Many of the sectors we address involve high-risk applications of AI. Nemko Digital provides:

- **Comprehensive gap analysis assessment:** We identify discrepancies between your current AI practices and required regulatory standards, delivering actionable recommendations to address compliance gaps, reduce risks, and foster a culture of responsible AI innovation.
- **Structured AI compliance roadmap:** Our service offers a step-by-step pathway to navigate regulatory landscapes efficiently, ensuring your AI-embedded products meet operational and compliance goals while streamlining readiness for sustained alignment with regulations.

These services cater to providers and deployers of AI in high-risk industries, helping them meet the necessary regulatory requirements.

AI Management Systems (AIMS) for Products and Services

Managing AI effectively in products requires robust systems that ensure accountability, compliance, and optimized performance. Nemko Digital's AIMS services align with established global standards (such as ISO/IEC 42001) to provide:

- **Capacity building:** Comprehensive trainings and workshops to equip leadership, management, and technical teams with expertise in AI management systems.
- **Strengthening of AI processes:** Expert advisory services targeting specific AI management processes, helping to streamline workflows and identify improvement opportunities.

- **Full AIMS implementation:** End-to-end support to build robust systems that meet international standards, ensuring safety, security, and ethical alignment of AI systems.

These services are essential for organizations integrating AI systems into their products, ensuring sustainable and compliant AI management throughout the product lifecycle.

Global market access

In the rapidly evolving regulatory landscape, being aware and staying updated on changes that affect AI-embedded products is critical. Nemko Digital provides global market access services to inform our clients about AI legislation as well as relevant updates to product legislation, which is gradually adapting to include AI and software across various industries. These ongoing developments are vital for maintaining compliance and alignment with international standards. Our services are customized to address specific needs within the product sector, offering:

- **Market access research:** Report and guidance of existing AI regulation and AI-related product regulation in specific countries or regions.
- **Monitoring Regulatory Changes:** Continuous tracking of updates to product regulations and AI-specific frameworks.

- **Tailored Industry Insights:** Industry-specific reports and guidance to keep clients informed of relevant regulatory changes.
- **Proactive Compliance Strategies:** Recommendations and support to adapt to new requirements and avoid compliance risks.

Industry segments

Our services are tailored to industries where AI integration is critical:

- **Electronics:** Ensuring seamless hardware-software integration with compliant AI functionality.
- **Medical:** Mitigating risks and ensuring regulatory compliance in AI-driven medical devices.
- **Robotics:** Supporting advanced automation with trustworthy AI systems.
- **Automotive:** Enabling compliance for AI in autonomous and connected vehicles.
- **Machinery:** Ensuring safety and operational compliance for AI-powered industrial equipment.
- **Other Industries:** Adapting our expertise to any sector leveraging AI-embedded products.

These services ensure that providers and deployers of AI-embedded products remain compliant and prepared for future regulatory developments.

“Trustworthy AI drives adoption and accelerates the positive impact you can make as a business. With the right governance and guardrails, you will be able to move faster, while staying in control.”



Bas Overtoom
Global Business Development Director



Nemko
Digital

AI Trust Hub

For exclusive updates and resources on AI Trust, join our AI Trust Hub at

ai-hub.nemko.com



The AI Trust Hub provides you with access to all you need to know about AI assurance. It comprises a comprehensive collection of resources, including regulations, standards, guidelines, best practices, assessments, and more.

AI Governance Assessment

Unlimited access to our video content

Global AI regulation library

Interactive World map

Interviews with AI compliance leaders form our ecosystem

And much more

Leverage the power of AI responsibly
**Sign up for our AI Trust hub and join our
community of AI leaders**

05

AI GOVERNANCE TOOLING AND TECHNOLOGIES

Managing a growing number of AI models in development and production is a complex challenge. Key value drivers include maintaining quality, ensuring transparency, achieving compliance, and sustaining a clear overview of all the AI systems and models in your organization. AI Governance and AIOps tooling are essential to achieve these objectives. However, for many organizations, the diversity of tools and providers makes it difficult to gain a comprehensive understanding of what is available and which solutions best fit their needs.

We specialize in helping organizations navigate this complexity. From established players like IBM to innovative newer players such as, Fairnow, we have deep expertise on relevant technological solutions in this space. Our team monitors developments and trends in the AI ecosystem for our clients. In addition to our consultancy services, we ensure that organizations can efficiently integrate solutions that support governance and technical challenges.

By partnering with us, you gain insights and support to adopt the right tools, enhance AI lifecycle management, and ensure your systems meet high standards for quality, integrity, and trustworthiness.

Our Partnerships with Leading AI Governance and AIOps Solution Providers

To deliver the most effective AI Governance and AIOps solutions, we collaborate with industry-leading technology providers. These partnerships enable us to offer tailored, state-of-the-art tools that address governance, compliance, and operational challenges. By combining our consultancy expertise with the cutting-edge technology capabilities of our partners, we ensure that your AI initiatives are built on a solid foundation of quality and trust.

With this ecosystem of technology partners we ensure you have access to the best tools available to navigate the complexities of AI Governance and AIOps.

Our Key Partners:

1. IBM Watsonx

IBM Watsonx provides tools for AI lifecycle management, governance, and scalability. Our partnership focuses on enterprise-grade solutions for transparency and operational efficiency.

watsonx

2. Fairnow

Fairnow specializes in AI fairness providing a platform that supports AI inventory and vendor risk management, bias assessments, and continuous compliance with global regulations.

 **fairnow**

“Trustworthiness in AI isn't an add-on feature, it's the foundation. Without it, even the most powerful AI systems will ultimately fail to gain acceptance and achieve their full potential.”



James Sayles

AI Governance and Model Risk Strategist



06

AI 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.

FUNDAMENTALS OF AI AND AI POLICY



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

DEEP DIVE INTO AI REGULATION



This training provides detailed sessions on AI regulation, with a focus on the EU AI Act and NIST's Risk Management Framework 1.0. On demand, this training can also cover in depth sessions of other major AI regulations.

DEEP DIVE INTO AI GOVERNANCE



Building on foundational knowledge, we offer in-depth sessions covering important aspects of AI governance i.e. AI strategy and design, risk management, data management, roles and responsibilities, third-party management, and transparency.

AI IN PRODUCTS AND SERVICES



This training assists participants navigate the regulatory implications and principles of trustworthy AI in physical products and software. For physical products, it addresses evolving legislation such as the AI Act and General Product Safety Regulation. A tailored version for software companies focuses on building expertise in AI trust and understanding the regulatory landscape for software-based solutions.

AI STANDARDS



Participants will receive 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 TR 24027](#) and more.

AI AT WORK



This training offers sessions on the ethical considerations of AI through the analysis of real-world use cases, equipping participants to identify and address potential ethical challenges. It also examines the integration of generative AI in the workplace, providing insights into its opportunities, risks, and best practices for responsible implementation.

TRAININGS

AI ACADEMY PROGRAMS

FUNDAMENTALS

- Introduction to AI Governance**
Basics of AI governance
- Introduction to AI Regulation**
Overview of the global AI regulatory landscape including 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

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**
Tailor-made overview of a specific regulatory framework

III

AI GOVERNANCE

AI Strategy and Design •

AI strategy and 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

Third-Party Management •

Limitations and evaluations

Transparency •

Reports, client support and internal communication

IV

AI IN PRODUCTS AND SERVICES

AI in Products •

Regulatory implications for AI embedded in physical products

AI in Software •

Application of trustworthy AI to software

V

AI STANDARDS

ISO/IEC 42001 •

Establish and maintain an AI management system

Other standards •

Application of other standards into your organization

VI

AI AT WORK

AI Ethics •

AI strategy and policy design in practice

GenAI in the Workplace •

Implementation of copilot and AI-enabled solutions in organizations



07

AI TRUST FOR GOVERNMENTS

As AI continues to revolutionize industries, governments and authorities are tasked with the critical responsibility of developing robust regulatory frameworks to ensure the development and use of AI is ethical, safe, and responsible. Our tailored services support national, state, and provincial authorities in creating and refining AI regulatory frameworks, helping navigate the complexities of regulation, fostering public trust, and balancing innovation with safety. Whether you are starting from scratch or improving existing frameworks, Nemko Digital is your partner in building forward-thinking AI regulatory frameworks.

Training and Capacity Building

Effective design and implementation of regulatory frameworks starts with informed stakeholders. Nemko Digital provides comprehensive training and capacity-building services to equip government personnel with the knowledge and skills required for effective regulatory development:

- Understanding ethical, legal, and social implications of AI.
- Understanding different frameworks used by governments and authorities.
- Mastering key components of AI governance.

Regulatory Framework Design

Designing AI regulatory frameworks demands a careful balance between fostering innovation and maintaining quality and product safety standards. Our approach includes:

- Analyze existing best practices and comparable jurisdictions.
- Understand your jurisdiction's current regulatory state.
- Propose regulatory models that align with global and emerging standards.
- Benchmark against frameworks of interest, identify gaps.
- Design and embed responsible AI practices into a new regulatory framework.

Framework Implementation Support

To support governments in implementing newly designed AI regulatory frameworks,

Nemko Digital offers tailored guidance and advisory services that ensure smooth and effective application. Our approach includes:

- Advising on methods to continuously evaluate and address risks associated with AI applications.
- Helping authorities establish mechanisms to oversee adherence to regulatory objectives and industry alignment.
- The creation of processes that ensure accountability and build public trust.

These services help governments transition from design to practical implementation, ensuring that frameworks remain dynamic and responsive to evolving technological landscapes.

Roadmap

Our services complement each other and provide an effective and easy road towards creating, refining and evaluating new regulatory frameworks.



Training and Capacity Building



Regulatory Framework Design



Framework Implementation Support



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