



From Risk to Readiness: AI Maturity for Compliance-Critical Products

Helping enterprises move from risk-averse to
AI-enabled

Caryn Lusinchi

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With you today



Caryn Lusinchi *AI Strategy Lead*

- **AI Governance & Risk Management Expertise**

Implemented NIST AI RMF, NIST expanded AI-600-1 (Generative AI Profile), GDPR and EU AI Act across software development process and AI/ML lifecycles.

- **AI Credentialed Auditor**

FHCA certified as an AI auditor under EU AI Act and GDPR, with a certificate in the Foundations of Independent Audit of AI Systems.

- **Thought Leader & Lecturer**

Non-resident fellow in AI Global Governance for the Global Governance Institute in Brussels on emerging technology policy evolution plus responsible and sustainable AI development.

- **Conversational AI Product Scalability & Monitoring**

Led GTM for GPAI monitoring software startup and brings tenure scaling AI-based products across NA, EMEA, APAC and LATAM for Google and Meta.



Nemko has created Trust since 1933

In our increasingly digital world, trust in digital systems, services, and transactions is paramount. Some of the critical elements of digital trust include Security, Privacy, Reliability, Transparency, Compliance, User Experience, and Ethical Use of Technology.

Nemko Digital offers digital trust solutions, complementing Nemko's existing services, to extend its commitment to its customers and support them into the digital realm.

Physical Trust



Nemko made the physical world a safer place since 1933

VS.

Digital Trust



Nemko augmented its proposition by Providing Trust in a Digital World



Value drivers for AI governance, compliance & quality management



Compliance with upcoming regulation



Reputation as leading global company



Control to prevent incidents / harm



Stakeholder demands around use of AI



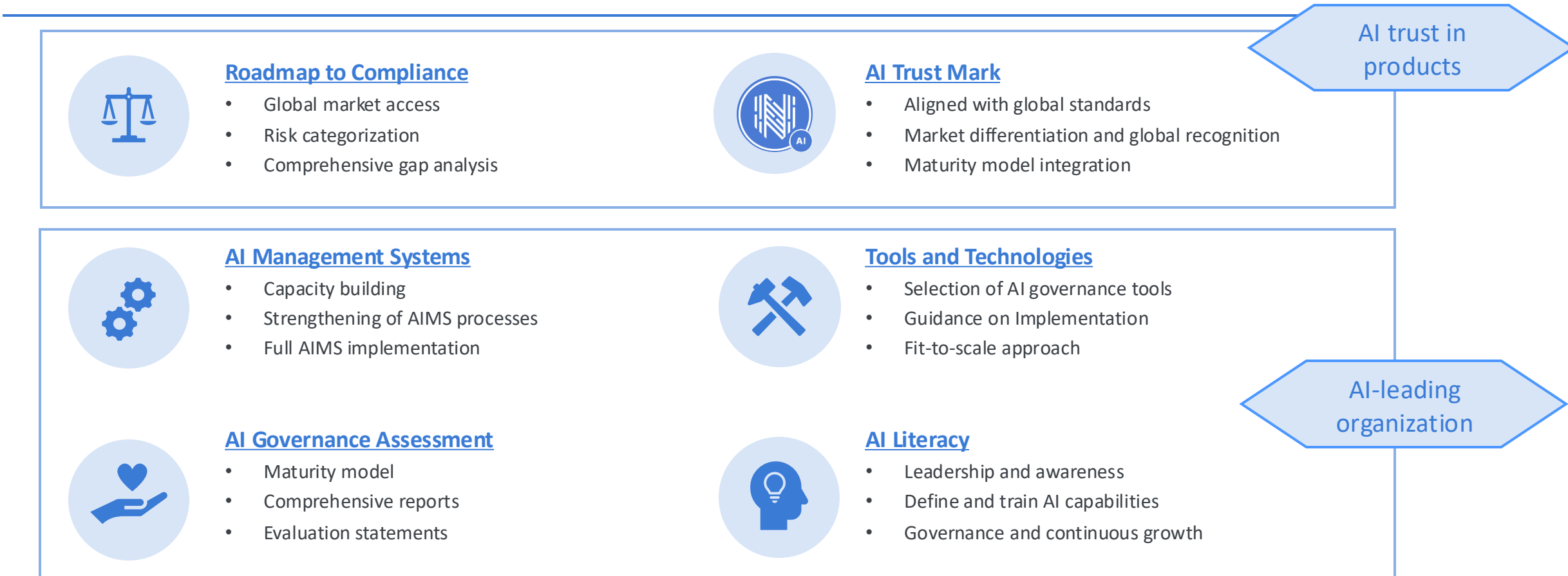
Competitive advantage on the market



Key interests from customers

Nemko Digital leverages over 90 years of compliance expertise to offer end-to-end governance, risk assessment, and assurance services tailored to evolving AI regulations and standards in alignments with product legislation.

Key interests



AI Maturity Governance Assessment

Providing a framework to improve your AI maturity

Why Multinationals Conduct an AI Governance Maturity Assessment



- **Understand the current AI landscape and governance gaps** across the organization.
- **Align leadership on priorities** to ensure AI is developed and deployed responsibly.
- **Enable scalable and sustainable AI operations** through structured processes and oversight.
- **Navigate evolving global regulations** to stay ahead of compliance and avoid penalties.
- **Mitigate ethical, reputational, and operational risks** associated with AI systems.
- **Benchmark against industry standards** to assess competitiveness and maturity.
- **Strengthen stakeholder trust and market positioning** by demonstrating AI accountability and transparency.



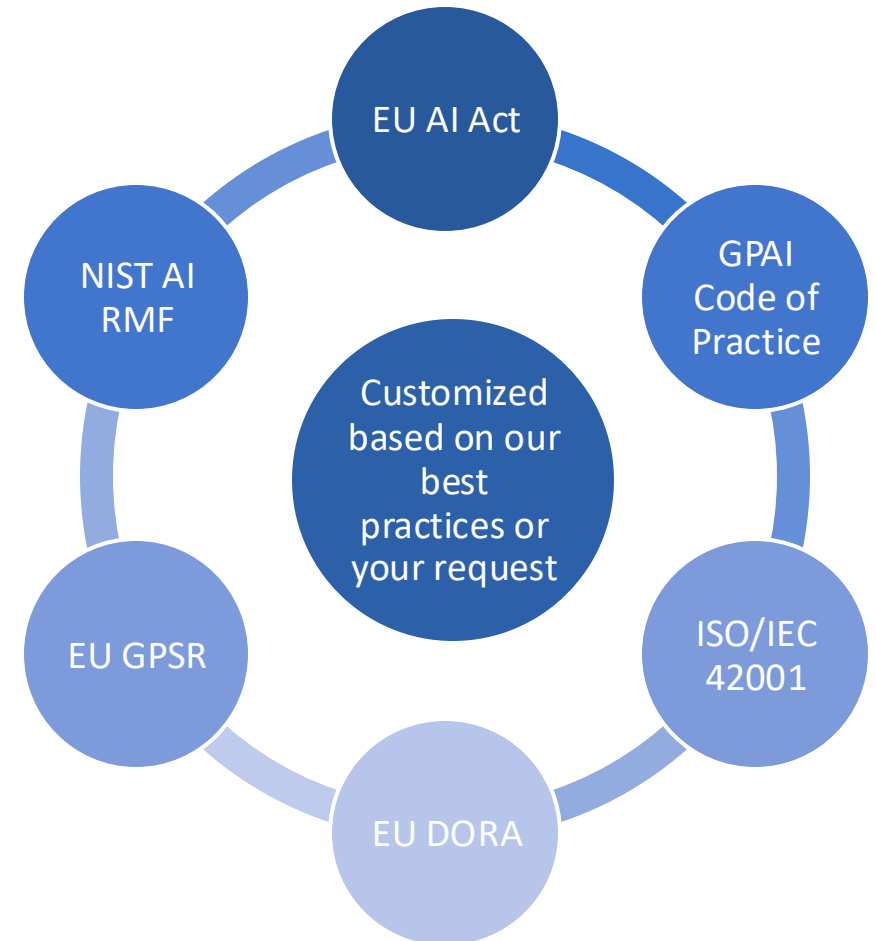
Nemko's AI Governance maturity model

We have developed an AI Governance maturity framework based on the four leading global standards, enriched by industry best practices, and designed with flexibility to accommodate individual organizational needs, including specific national or regulatory requirements.

- Understand your current enterprise AI landscape and strategically plan for leadership improvements to maintain competitive edge and market differentiation.
- Measure AI maturity across key categorical dimensions to ensure scalable, sustainable and executable AI strategy.
- Navigate the complexities of AI regulation and best practices to stay ahead of compliance, operational risk and governance.

Key global frameworks are the foundation of our model

- ISO 42001: *The global standard for AI governance, risk management, and accountability.*
- EU AI Act: *Align AI with stringent European risk framework regulations for safe and trustworthy deployment*
- NIST: *U.S. AI standards for operational integrity, cybersecurity and safety.*



Eight essential building blocks for your AI success

Our AI Governance maturity framework comprises eight clearly defined building blocks, each addressing a critical dimension necessary for successful, responsible, and scalable AI implementation. These blocks are designed based on global AI governance standards and industry best practices. Together, they ensure a structured and holistic approach, providing organizations with a robust yet flexible foundation to confidently navigate AI-related opportunities and challenges.

*Leadership &
Governance*

*AI Lifecycle
Management*

*External
Stakeholders*

People & Culture

Operations

Risk Management

Compliance

*Technology
(Infrastructure,
Data & Cyber)*



These are the building blocks of an AI driven organization

Leadership & Governance	AI Strategy & Business impact	Value/business case & ROI	Governance & org design	Ethics & principles	Finance & resources	Human rights & Sustainability
AI Lifecycle Management	Use case scoping design	Data collection & quality	Development & testing	Deployment & monitoring	Decommission & retirement	Human in the loop
External Stakeholders	Partnership & co-development	Customers & end-users	Supply chain & procurement			
People & Culture	AI trainings & literacy program	Org change & adoption	Culture shift: AI mindset	Incentives & policy alignment		
Operations	Processes & procedures	Internal controls	Continuous improvement	AI Performance management	Data management	AI inventory
Risk Management	Risk assessment & mitigation	Risk tracking & escalation	Incident & crisis management			
Compliance	Documentation & record keeping	Regulatory monitoring	Audit readiness & assurance	Data privacy requirements	Transparency & explainability	Fairness
Tech (Infra, Data & Cyber)	Technical infrastructure	Architecture & solution design	Cybersecurity	Data pipelines & platforms		



AI Governance Maturity Levels

Level of maturity

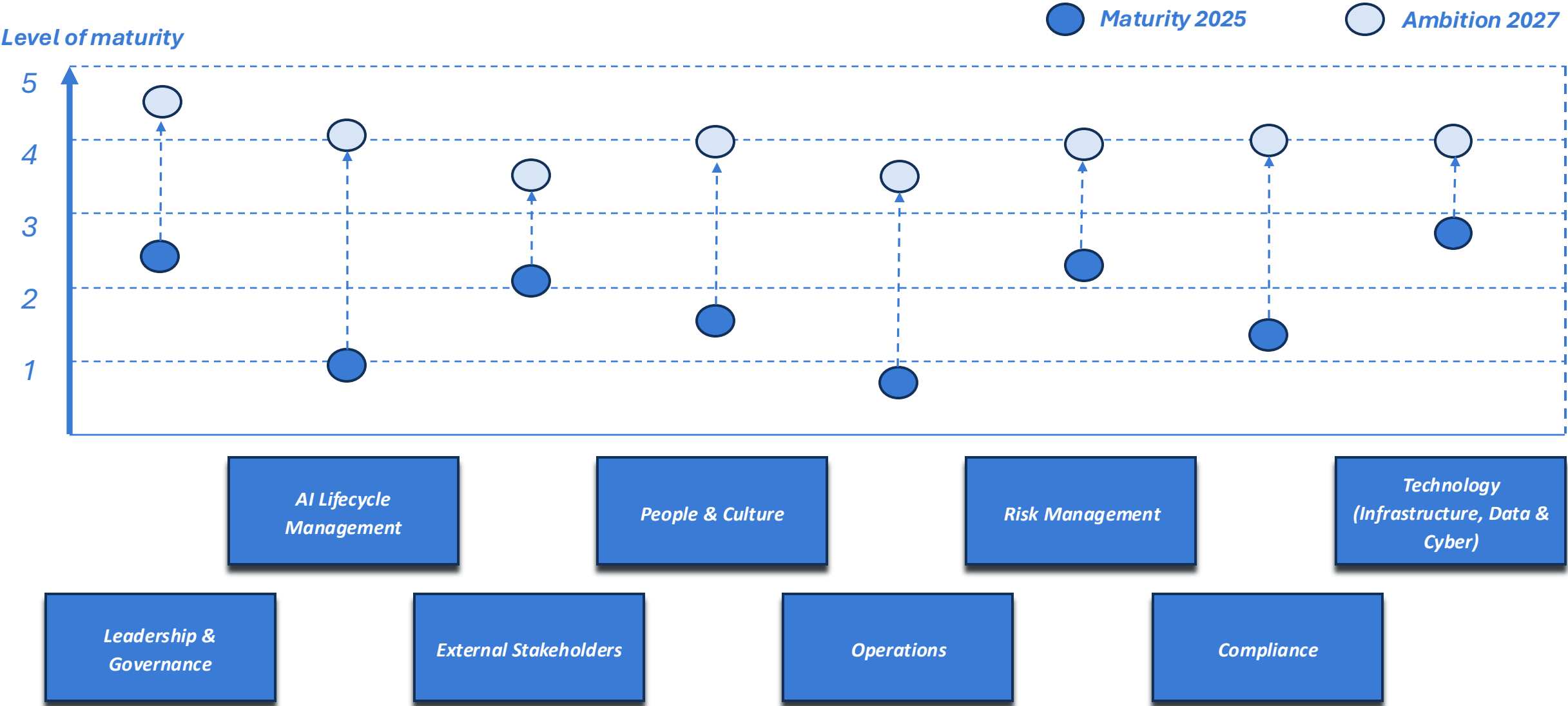


Understanding your AI governance maturity level across 8 different categories is crucial in today's emerging AI technology market to confidently navigate the complexities of implementing AI responsibly, efficiently, and securely.

By advancing maturity levels, it empowers alignment with best practices, regulatory requirements, and risk management strategies, enabling enterprises to maximize AI's value while minimizing potential pitfalls.



Understand exactly where you are today and what needs attention



Leadership and Governance Maturity

Level of maturity

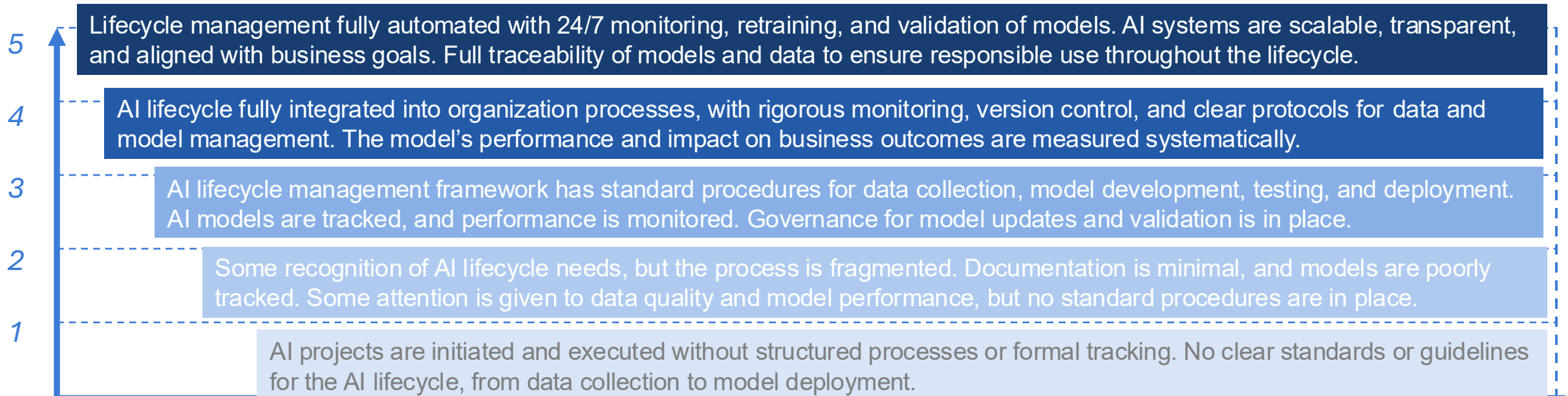


AI maturity empowers leadership to make informed, strategic decisions, supported by strong governance frameworks that ensure AI initiatives are aligned with organizational objectives, ethical standards, and sustainable growth.



AI Lifecycle Management Maturity

Level of maturity



AI maturity ensures that AI models and solutions are effectively managed throughout their lifecycle, from development to deployment and continuous improvement, leading to better performance, scalability, and long-term success.



Enterprise Stakeholders Maturity

Level of maturity

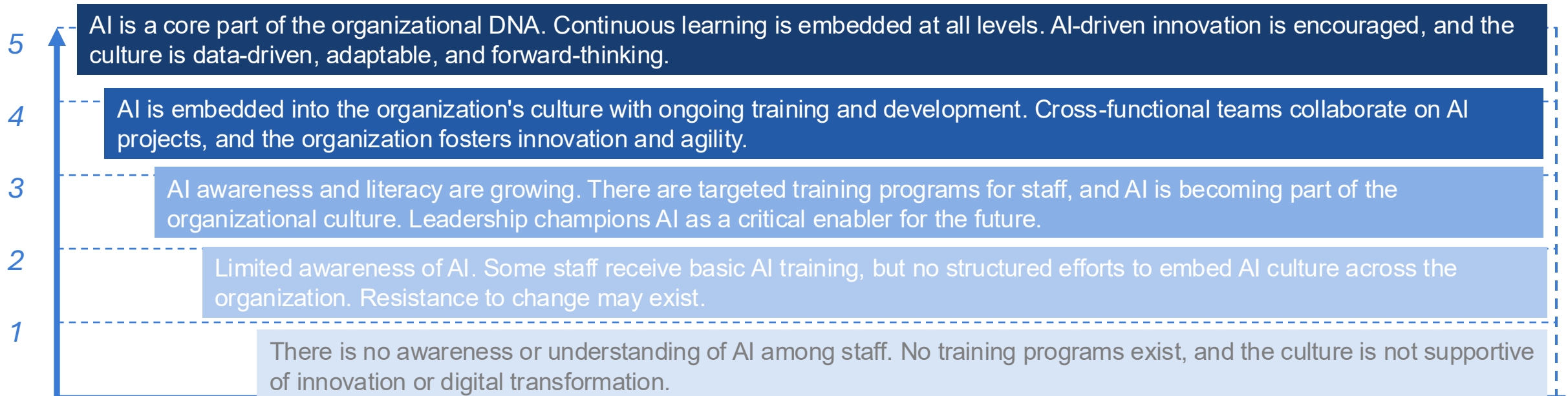


Mature AI processes enable better alignment with enterprise stakeholders' goals, improving communication, transparency, and accountability, while providing measurable value from AI investments.



People and Organizational Culture Maturity

Level of maturity

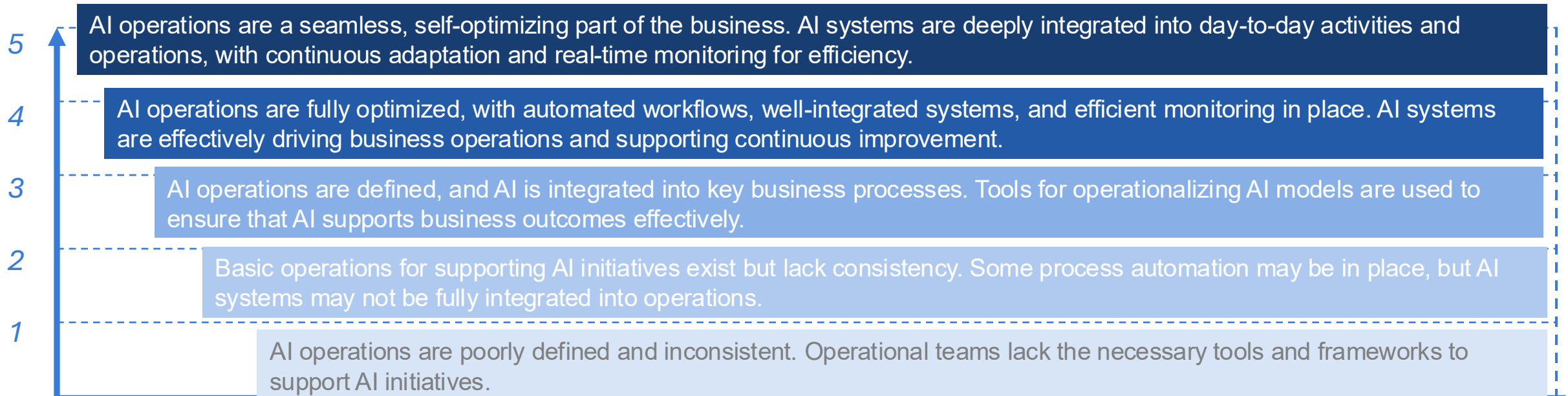


As AI maturity progresses, organizations can foster a culture of continuous learning, collaboration, and innovation, empowering teams to embrace AI-driven change and enhancing skill development across the workforce.



Operations Maturity

Level of maturity

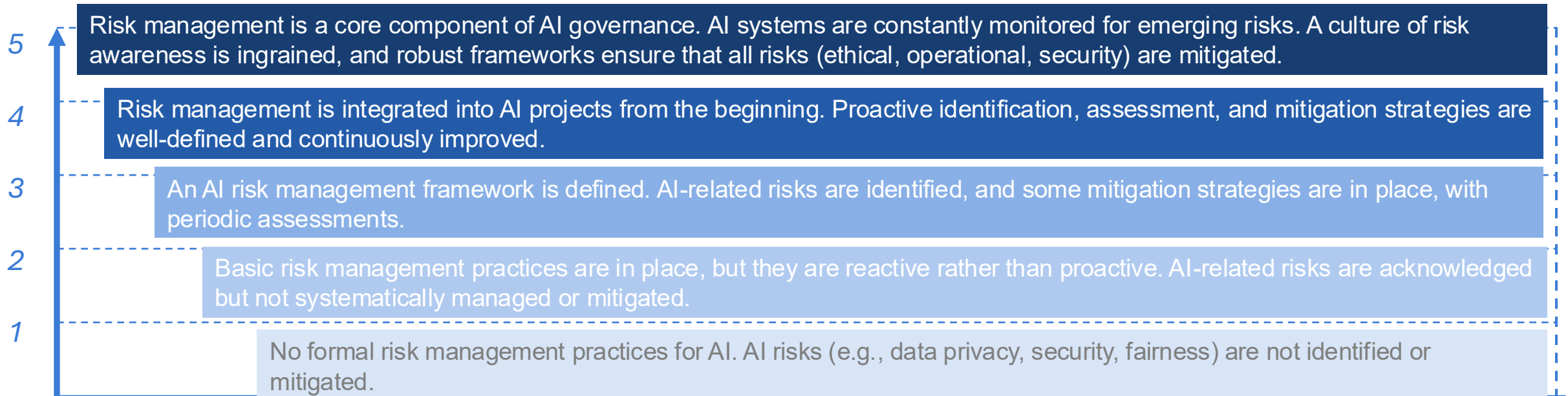


A high level of AI maturity optimizes operational efficiency, driving automation, streamlining workflows, and enabling data-driven decision-making, which ultimately improves productivity and cost-effectiveness.



Risk Management Maturity

Level of maturity

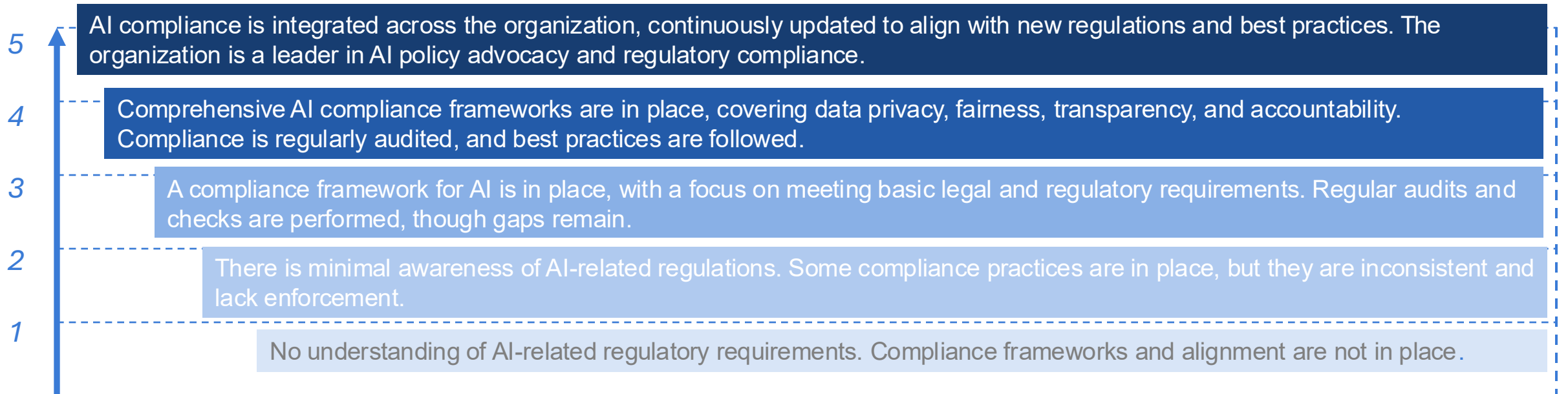


Mature AI systems have established risk management protocols, enabling proactive identification, mitigation, and monitoring of potential risks, which reduces operational and financial uncertainties.



Compliance Maturity

Level of maturity

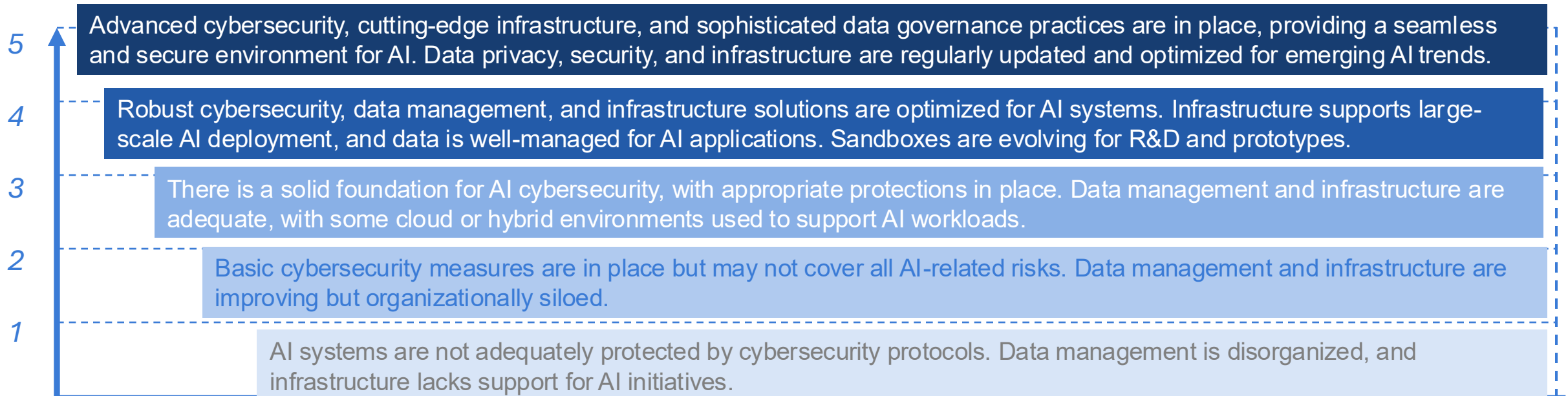


AI maturity guarantees that enterprises adhere to relevant regulations and legal frameworks, reducing the risk of non-compliance penalties and ensuring ethical use of AI technologies.



Technology (Infrastructure, Cybersecurity and Data) Maturity

Level of maturity



Mature AI systems ensure robust infrastructure, strong cybersecurity measures, and high-quality, reliable data management, which is essential for scaling AI applications securely and efficiently.



Your Pathway to AI Excellence, Governance & Trust

AI Maturity Assessment

Engage stakeholders across your enterprise to assess AI maturity across categories.



Enterprise Readiness Readout

Receive a comprehensive readout of maturity across categories and SWOT analysis.

Roadmap to Close Maturity Gaps

Deliver a quarterly or annually roadmap to reach the next level of maturity.



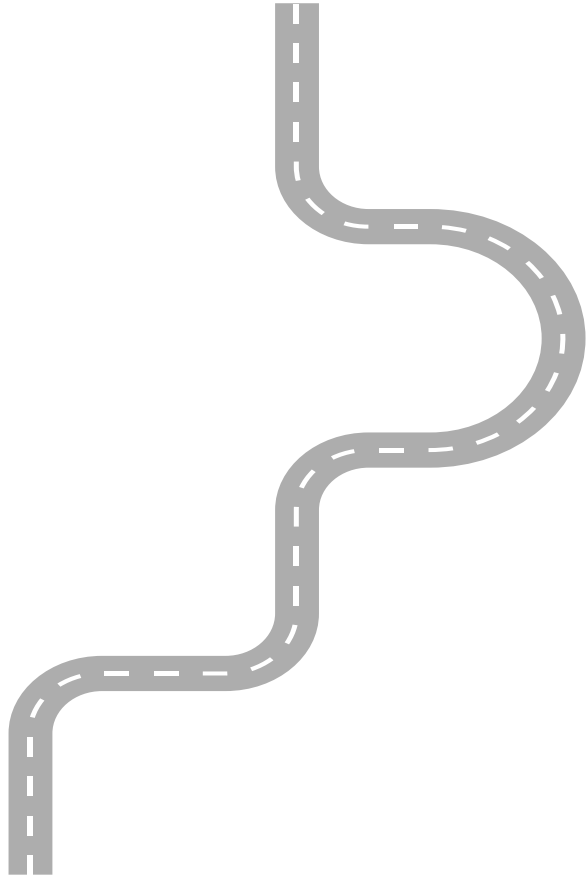
Maturity Implementation Advisory

Customized, crafted ad-hoc services to support roadmap execution & resource planning and governance activities



AI Strategy Roadmap: Prioritization to Implementation

To develop a clear and actionable AI roadmap, we will apply a prioritization framework that balances impact, feasibility, and strategic alignment — enabling us to sequence initiatives pragmatically and build a phased implementation plan.



- **Strategic Priorities & Use Cases**
Aligning AI initiatives with business goals, stakeholder needs, and areas of high impact.
- **Maturity Gaps & Capability Building**
Targeted actions to close identified gaps in governance, infrastructure, talent, and data readiness.
- **Regulatory Alignment**
Milestones to ensure alignment with local and international legal and ethical requirements.
- **Quick Wins & Long-Term Enablers**
A balance between short-term, visible outcomes and long-term strategic foundations.
- **Technology & Infrastructure Investments**
Phased actions for building or enhancing the AI development environment.
- **Organizational Enablement**
Key initiatives for training, change management, and embedding responsible AI practices.
- **Monitoring & KPIs**
Clear metrics and review checkpoints to track progress and adjust as needed.



What the Supporting Implementation Guide Will Contain

To support effective execution of the AI strategy, we will provide a practical implementation guide that translates the roadmap into clear actions, ownership, timelines, and tools for delivery.

- Detailed Action Plans per Workstream**
Objectives, activities, owners, dependencies, and timelines.
- Governance & Roles**
Clear accountability structures and escalation paths.
- Resource and Budget Estimates**
High-level resource needs, including tools, people, and external support.
- Templates & Tools**
Practical templates (e.g., risk registers, AI use case scorecards, capability checklists).
- Monitoring & Evaluation Framework**
Metrics and mechanisms for ongoing assessment and roadmap recalibration.
- Risk Management Measures**
Key risks and mitigation strategies to safeguard delivery.




*From some key workstreams
we can bring best-in-class proposition
approaches to accelerate your results - like for
example AI literacy*

AI literacy roles – complete overview


These are the primary AI-related roles in an organization and can be used to structure a **robust AI literacy program**, ensuring targeted training, governance, and compliance. This approach equips each role with the **specific knowledge needed** to drive responsible AI adoption.

Assign developed programs to the key roles in your organization




AI Leader (Top Management)

AI Leaders define organization's AI strategy, align it with business goals, and ensure compliance.




AI Governance Experts


These experts own governance, ethical adherence, ensure alignment with legal and corporate policies.




AI Leader




AI Product Owner



AI User



AI Developer



Data for AI Experts

	AI Fundamentals for Business	Responsible & Ethical AI usage	AI Governance & Risk Management	AI for Product & Services	AI model development	AI Procurement & Vendor Management
AI Leader	✓	✓	✓			✓
AI Product Owner	✓	✓	✓	✓		✓
AI User	✓	✓				
AI Developer	✓	✓		✓	✓	
Data for AI Experts	✓	✓	✓		✓	✓

Making it concrete with next steps

We offer three levels of AI maturity assessment, each tailored to match the organization's stage of AI adoption, strategic needs, and desired depth of insight. This tiered approach ensures flexibility, allowing organizations to start small or go deep depending on their objectives and internal readiness.



AI Maturity Quick Scan

- Rapid, high-level assessment with a small group of key stakeholders
- Focus on identifying strengths, weaknesses, and immediate action areas
- Outcome: Summary of findings and indicative next steps
- Ideal for quick orientation around AI readiness and governance



Focused Assessment

- Assessment of a specific unit (e.g., department, function, regional spoke)
- Provides maturity scorecard, prioritized recommendations, and tailored insights
- Useful for piloting the maturity framework or preparing for broader rollout
- Helps uncover local best practices that can be scaled across the organization



Full Organization wide-assessment

- Comprehensive evaluation across the entire organization
- Includes optional deep dives (e.g., data, governance, compliance, infrastructure)
- Delivers benchmarking, strategic roadmap, and implementation guide
- Equips leadership to drive AI transformation effectively and responsibly

- ✓ Enable evidence-based decision-making on AI investments and priorities
- ✓ Align stakeholders around a shared understanding of current capabilities and future goals
- ✓ Provide a structured foundation for long-term AI strategy, transformation, and compliance readiness



Next Steps

Deepen your knowledge and gain new AI insight

Our 30-min webinars

May 9th



ISO/IEC 42001

Receive training, guidance on process improvement, or guidance on how to fully implement ISO/IEC 42001.

May 27th



EU AI Act

Deep dive covering how much time is required to prepare, its connection to the EU CE Mark, and regulatory bodies involved.

June 11th



AI Literacy

Our AI literacy program guides organization on how to assess, prepare, and train your teams and departments on AI Literacy.

June 24th



AI Trust Mark

Ensure your products and services are transparent, reliable, and regulatory aligned, enhancing user confidence and market credibility.



How to learn more about our service offering

Service brochure



LinkedIn community

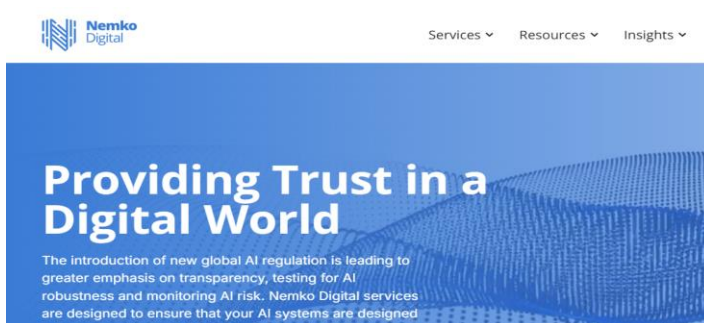


Stay up to date with the latest developments in AI Trust!

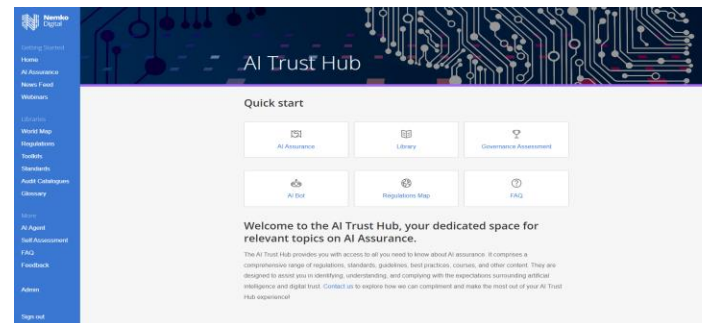
Join us on LinkedIn or at the AI Hub, where we regularly share insights, videos, news, webinars, and other engaging content.

For complete details about our services, visit our website or explore our brochure.

Website digital.nemko.com



AI Trust Hub ai-hub.nemko.com

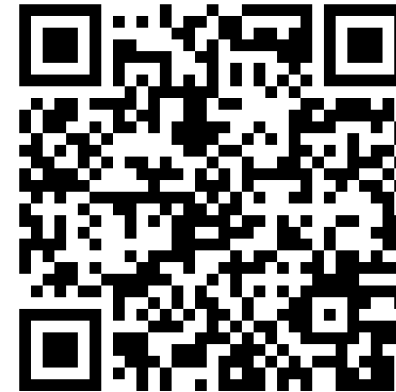


Next steps



15-Minute AI Consultation: Tailored Insights for Your Business

Additionally, we provide a 1 – 1.5 hour deep-dive session to help evaluate your use case and how we can best support you and your team.





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