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## European AI Scanner AI System Governance

Optimising AI system development, deployment and use



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**EU AI Act** - Audit | Advisory/Consultancy | Software Products  
+31 6 57285579 and +44(0)75 35994 132  
[s.musch@ai-and-partners.com](mailto:s.musch@ai-and-partners.com) and [m.borrelli@ai-and-partners.com](mailto:m.borrelli@ai-and-partners.com)  
<https://www.ai-and-partners.com/>  
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## Governance for AI Systems

### Safe, responsible and trustworthy AI is needed.

Many firms are utilizing artificial intelligence ("AI") in a production-setting in the absence of proper governance systems in place. This is now becoming more commonplace, with AI systems, such as those classed as generative AI (e.g. ChatGPT), being widely used in daily work in many firms and businesses.

One of the potential risks for AI systems is to deliver operate both reliably and safely. Both of which are underpinned by the importance of proper governance and oversight. Other potential risks associated with AI systems include, for example, as biased information, lack of transparency, and not being compliant to company policies and ethical guidelines, which are major concern for the use of AI systems. To mitigate these risks, a robust AI Governance framework as well as a real-time monitoring solution are essential.

The central function of AI governance is to ensure the ethical and responsible development and use of AI. AI Governance is a system of rules, processes, frameworks, and technological tools that are employed in an organization to ensure that the use of AI aligns with the organizational principles, legal requirements, as well as social and ethical standards. It is part of the organization's governance landscape and intertwines with IT governance, data governance and general governance.

AI governance enables organizations to unleash the full potential of AI, while mitigating risks like bias, discrimination, and privacy violations.

AI Governance frameworks must also include measures to monitor and manage risks, ensure transparency in decision-making, promote fairness, accountability, the ethical and responsible usage of AI, and, last but not least, provide human oversight to prevent unintended consequences.

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## What is needed

Specifically for AI systems, there must be certainty on who is using it and ensuring that all users have understood and acknowledged the firm's guidelines and policies. Getting to know how the users are interacting with the AI system and how it is used is needed in parallel with central oversight. To make such Governance for AI Systems complete, real-time monitoring of all interaction with the AI system is required.

AI & Partners' European AI Scanner addresses precisely such real-time monitoring and reporting of all in-and-output. Moreover, the feedback from the model is logged and stored, which will also prepare you for a dynamic risk classification under the upcoming EU AI Act. By implementing European AI Scanner, the following concerns relating to the use of AI systems are addressed:

- Adherence to comprehensive regulatory compliance assessments
- Classification of AI systems under the correct identification
- Unclear and non-concise explanations for its risk classification
- Regular assessments of AI systems' adherence to the EU AI Act
- Safeguard sensitive information during the compliance assessment
- Generate detailed governance reports based on governance assessments

The OECD.AI called for trustworthy AI use cases for tools they have validated to be a part of their global trustworthy AI catalogue. European AI Scanner was validated and our use case, European AI Scanner: Ensuring Compliance with the EU Artificial Intelligence Act, is under consideration for selection for this new catalogue as the first solution for the EU AI Act to be approved by the OECD AI.

The AI Governance platform, European AI Scanner, is a dedicated AI Governance, Risk & Compliance ("GRC") solution offered to public and private sectors. European AI Scanner is built using data from projects and engagements with industry leaders, regulators and ethical committees to facilitate a holistic AI GRC implementations.

### AI Governance is rooted in 12 key principles across multiple frameworks.

Explainability

Privacy

Reliability

Accountability

Responsibility

Inclusivity

Well-Being

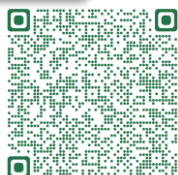
Transparency

Sustainability

Equity

Safety

Human Control



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[s.musch@ai-and-partners.com](mailto:s.musch@ai-and-partners.com) and [m.borrelli@ai-and-partners.com](mailto:m.borrelli@ai-and-partners.com)  
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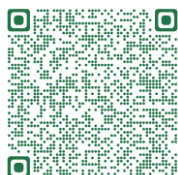


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## AI System governance is here

Functionality includes:

- **Comprehensive Risk Assessment:** The European AI Scanner conducts a thorough risk assessment of AI systems based on the criteria specified in the EU Artificial Intelligence Act. It evaluates potential risks related to safety, ethics, and fundamental rights, ensuring firms are aware of any potential governance concerns.
- **Identification of High-Risk AI Systems:** The tool accurately identifies high-risk AI systems as defined by the EU AI Act. By flagging these systems, firms can prioritize them for further evaluation and implement necessary governance measures to address potential risks effectively.
- **Regulatory Compliance Mapping:** The European AI Scanner maps the functionality of AI systems against the regulatory requirements laid out in the EU AI Act. It highlights areas of non-compliance, enabling firms to take corrective actions and ensure adherence to the governance framework.
- **Explainable AI Assessment:** The tool provides transparent and explainable results, detailing the reasons behind the risk classification of AI systems. This feature enables firms to understand the basis of the assessment and communicate the governance approach to relevant stakeholders, including regulators.
- **Continuous Monitoring and Auditing:** The scanner supports ongoing monitoring and auditing of AI systems to ensure their governance compliance remains up-to-date and aligned with any amendments to the EU AI Act. Regular assessments help firms maintain trustworthiness in their AI applications.
- **Collaborative Workflow Integration:** The tool facilitates collaboration among different departments and teams involved in AI system deployment. By fostering interdisciplinary cooperation, it ensures that governance concerns are addressed collectively and holistically.
- **Data Privacy and Security Compliance:** The European AI Scanner incorporates robust data privacy and security measures to protect sensitive information during the governance assessment process. It helps firms comply with data protection regulations and safeguard against potential data-related governance issues.



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[s.musch@ai-and-partners.com](mailto:s.musch@ai-and-partners.com) and [m.borrelli@ai-and-partners.com](mailto:m.borrelli@ai-and-partners.com)  
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