

Technology enabled AI Governance

A scalable approach to AI governance, risk, and controls

Today's AI leaders face two significant challenges. They play a pivotal role in the deployment of AI technologies in their organization while figuring out their right-sized and cross-functional AI governance model at the same time. They are tasked with ensuring that AI systems are integrated and managed ethically, aligned with their organizational values, and in a compliant way. By leveraging technology platforms, AI leaders can establish AI governance frameworks and effectively oversee accountability, transparency, data management, and risk mitigation efforts. This dual focus on deployment and governance is crucial for fostering AI innovation while maintaining public trust and regulatory compliance.

A new dimension of risks has emerged with the advent of more advanced AI systems including new large language models (LLMs) and novel deployment scenarios using Agentic AI. The new risk landscape is uniquely complex due to novel challenges such as hallucinations, prompt injections, bias, model and data drifts, and concerns around ongoing training of these AI systems. Additionally, the capabilities of Agentic AI—autonomous AI systems that can perform complex tasks, make decisions, and learn from interactions, much like human experts—further complicate this risk landscape.

Organizations must balance effective safety, security, and regulatory compliance to enable a swift and successful adoption of AI. An overarching AI strategy is critical to foster trust among stakeholders, which is essential for the success of any AI initiative. This strategy should govern and promote responsible use of AI for reliable outcomes, consider the data universe, and address the evolving nature of AI regulation.

Organizations must implement strong safety measures, enhance human oversight, and develop robust governance frameworks. Accountable individuals should be kept in the loop of decision-making processes in significant matters or until the deployed AI systems are not yet fully proven reliable. Governance is even more important in the case of Agentic AI to harness its benefits while orchestrating risk management across multiple simultaneously interacting AI systems.



Trusted AI governance

The KPMG Trusted AI framework is designed to enhance AI governance programs through a human-centric risk tiered approach that embeds ethical practices, accountability, and transparency across an AI system's lifecycle.

The framework serves as the backbone for a rigorous intake and inventory process, meticulously evaluating models across 10 pillars. This holistic approach provides support that potential risks associated with AI systems are identified early in the AI lifecycle, enabling the design of fair, unbiased, and transparent decision-making processes.



By executing the KPMG Trusted AI framework in OneTrust, organizations no longer have to choose between rapid and responsible AI adoption. Together, we provide the tools to automate risk assessments, accelerate approvals, and maintain continuous compliance – ensuring AI innovation is both fast and trustworthy.

Bex Evans

Director, Product Marketing – Responsible AI,
OneTrust



Our approach to trusted AI rests on ten ethical pillars across the AI lifecycle.



Fairness

Designing AI solutions that actively work to reduce or eliminate bias against individuals, communities, and groups



Accountability

Incorporating human oversight and responsibility across the AI lifecycle to manage risk and help enhance compliance with applicable laws and regulations



Reliability

Helping to determine AI solutions consistently operate in line with their intended purpose, scope, and desired precision level



Privacy

Designing AI solutions to comply with privacy and data protection laws and regulations



Transparency

Making pertinent information accessible to stakeholders clear, facilitating a thorough understanding of the functions and performance of AI solutions



Data integrity

Making sure the data used, aligns with applicable laws and regular checks for accuracy, completeness, appropriateness, and quality



Security

Implementing robust and resilient practices to safeguard AI solutions against bad actors, misinformation, or adverse events



Sustainability

Designing AI solutions in an energy-efficient way to reduce carbon emissions and support a clean environment.



Explainability

Providing answers to the “how and why” of the conclusions drawn from AI solutions



Safety

Building AI solutions that prevent harm to people, businesses, and property



By integrating the KPMG Trusted AI assets – including our risk-tiered AI governance frameworks, inventory data models, and robust risk and controls catalogs – with the OneTrust Data & AI Governance solution’s out-of-the-box capabilities such as workflow automation, rules management, dynamic reporting, and enriched integration of data cross the Privacy Automation, Tech Risk & Compliance, and Third-Party Management modules, we have assembled a tech-enabled governance solution to empower organizations to effectively scale and operationalize their Trusted AI programs.

Bryan McGowan

Principal and KPMG Trusted AI Leader,
KPMG in the US





A tech-enabled approach to AI governance

The OneTrust platform can effectively operationalize the KPMG Trusted AI framework, delivering extensive governance, risk, and compliance management for the use of AI across organizations. This collaboration leverages OneTrust's native capabilities to enhance AI intake and risk assessment through tailored questionnaires, logic and controls, and data policies, enabling organizations to effectively identify and monitor inherent and residual risks of their AI systems.

By operationalizing the Trusted AI framework using OneTrust Data & AI Governance product, organizations can establish a centralized program center to manage AI systems across their lifecycle. Organizations can automate risk assessments and continuously monitor compliance with policies and regulation. This integration increases speed to approval with standard procedures, re-use of approvals and transparent governance across the AI lifecycle.

As many organizations are integrating governance directly into their data and AI infrastructure, success depends on enabling policies and controls at the system level to guide data use in real time rather than reacting to issues after they occur. OneTrust Data & AI Governance product prepares data for re-use in AI and analytic applications through data discovery, classification, and policy orchestration.

With most AI being procured from third parties, Third Party Management is critical in ensuring the appropriate governance of AI. By leveraging the OneTrust Third Party Management product, organizations can identify third-party risks and integrate this information into the Data and AI Governance solution to gain a holistic view of an AI system's inherent risks. This integration allows organizations to systematically perform model risk tiering, conduct model reviews, and develop an AI use case inventory. This unified view enhances auditability and traceability, helping ensure a robust AI risk management strategy.

Tech-enabled AI governance boosts efficiency and scalability of your governance efforts. It empowers accountability and proactive risk management through robust mitigation workflows. These workflows assist IT, Risk, Legal, and Security leaders in applying AI responsibly and ethically. AI leaders can build and sustain the practice of ongoing monitoring and real-time reporting over the AI systems in-use across their entire organizations.

By implementing the Trusted AI framework with customized features within OneTrust, clients can simplify, streamline, and automate various aspects of their AI governance, enabling quicker decision making and increasing confidence that regulatory and internal compliance requirements are met. With effective risk management guardrails in place organizations can effectively demonstrate that AI is being applied responsibly and ethically, helping to earn the trust of their regulators, investors, employees, third parties and customers.

Contact us

Are you looking to achieve a lower risk profile and create a compliant environment for your AI? Talk to one of our specialists today about how KPMG Trusted AI and OneTrust can help. Learn more at: [KPMG and OneTrust](#)

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AI System Inventory

Take charge of model inventory to track use cases, govern training datasets all benchmarked against the KPMG Trusted AI framework through standardized intake mechanisms.



Integrated AI Risk Management

A centralized platform featuring an integrated AI risks and control library, providing valuable insights into the performance and behavior of AI systems, helping ensure they operate within predefined ethical and regulatory boundaries.



Ongoing AI Governance Monitoring

Monitor AI system performance through the use of customized dashboards to track deviations from intended use and enhance compliance with internal policies and regulations. This can be integrated to Microsoft PowerBI to facilitating reporting.

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