

Artificial Intelligence Governance Framework

Global Standards Alignment and Best Practice, Balanced with
Practical Implementation from Specialist AI Practitioners

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Australian Government
Department of Industry,
Science and Resources



NIST

NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE



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Artificial Intelligence Governance Framework

As AI becomes integral to business operations, effective governance ensures responsible use, addressing privacy, security, and ethical concerns. Clear policies help Australian companies meet regulatory standards while building trust with consumers and stakeholders.

Strong AI governance aligns systems with organizational values, prevents bias, and supports innovation. In a rapidly evolving landscape, it is essential for maintaining a competitive edge and ensuring long-term success.

AI Consulting Group's framework carefully aligns to Australian Government Voluntary AI Safety Standard (10 Guardrails), ISO/IEC JTC 1/SC 42 Artificial Intelligence Standards, UNESCO Recommendation on the Ethics of Artificial Intelligence, US National Institute of Science and Technology AI Risk Management Framework.



Robust AI governance is essential for maintaining competitive advantage and ensuring long-term success.



Stay Ahead of Regulations



Enhance Trust & Reputation



Mitigate Risks Proactively



Drive Innovation Responsibly



Improve Operational Efficiency



Secure Competitive Advantage

Adopting an AI governance model positions your company as a leader in compliance with Australia's evolving AI regulations, avoiding potential fines and legal complications.

Demonstrate commitment to ethical AI practices by implementing a robust AI governance framework, building trust with customers and stakeholders who prioritise transparency and fairness.

A well-defined AI governance model helps identify and manage risks associated with AI technologies, safeguarding from potential operational, security, and reputational threats.

Governance frameworks ensure that AI innovations are developed and deployed responsibly, allowing companies to leverage cutting-edge technology and maintain ethical standards.

Streamline AI initiatives with clear guidelines and accountability structures, enhancing project management and aligning AI efforts with company and operational objectives.

Showcase commitment to responsible AI governance and differentiate from competitors, attracting more customers, partners, and investment opportunities.

Framework Modules Tailored to your Organisation



1 Foundational Concepts and Overarching Principles
Creates a foundation for safe and responsible AI use at the organisational level, making it easier to comply with any potential future requirements and emerging practices. It will also assist in uplifting the organisation's AI maturity.

2 Ethical Guidelines and Principles
Establishes guidelines for the ethical deployment of AI, promoting fairness, transparency, and accountability in AI systems, which is crucial for maintaining public trust and avoiding biases.

3 Regulatory Compliance
Ensures adherence to Australian laws and regulations, such as the Privacy Act and current (September 2024) AI Guardrails, mitigating legal and regulatory risks.

4 Risk Management
Identifies and assesses potential risks associated with AI systems, such as biases in algorithms, security vulnerabilities, or unintended consequences. Implement strategies to mitigate these risks.

5 Transparency and Explainability
Ensures that AI systems are transparent and provide explanations about their decisions and functionality in a manner understandable to stakeholders, including making AI processes, algorithms, and data used visible and explainable.

6 Cross-functional Collaboration, Accountability and Responsibility
Streamlines the management of AI projects, ensuring they are executed efficiently, with clear roles and responsibilities that hold individuals, teams, or organisations accountable for outcomes and impacts of AI systems.

7 Data Governance
Ensures proper handling and protection of data used by AI systems, reinforcing data quality and security standards including data collection, storage, usage, and sharing.

8 Monitoring and Auditing
Develops mechanisms to continuously monitor AI systems for compliance with established guidelines, including regular audits to assess the performance, fairness, and adherence to ethical standards.

9 Adaptability and Continuous Improvement
Ensures the governance model is dynamic and adaptable to evolving technological advancements, societal needs, and regulatory changes as well as continuously improving processes based on feedback and lessons learned.

10 Feedback Mechanisms and Redress
Establishes channels for receiving feedback from stakeholders affected by AI systems and enables avenues for addressing concerns, complaints, or errors caused by AI technologies.