Deloitte.

September 2025

Winning the race: America's AI Action Plan

Navigating the evolving AI regulatory landscape

America's AI Action Plan: What this means for your organization

On July 23, 2025, the White House unveiled 'Winning the race: America's AI Action Plan,'[1] signaling a major shift in the US federal AI strategy. The new plan emphasizes infrastructure build-out and strategic global competition—positioning AI as a national imperative for the US in both economic and security terms. Here are some key takeaways from the AI Action Plan that your organization should focus on as agencies move forward with implementation.

1

Increased opportunities for collaboration with federal agencies on AI safety, security, and innovation initiatives: a greater focus on AI workforce development, increased funding for AI research and development, and expansion of AI education and training programs.

2

Acceleration of AI adoption and development of a robust evaluation system including streamlined AI procurement, investing in secure testbeds with testing, and refining of AI models for inherent bias to ensure reliable and scalable AI across regulated industries.

3

Investment in secure and resilient AI infrastructure that enables secure training, testing, and deployment of AI models and provides controlled environments for development with advanced computational resources, including cloud infrastructure and quantum computing platform.

4

Global alignment and diplomatic coordination, especially for multinational companies that may need to navigate new frameworks policies updated to reflect advances in AI capabilities and emerging threat landscapes in an effort to ensure continued relevance and effectiveness.

5

Strengthening controls and cybersecurity measures to prevent the misuse of AI technologies. Multinational firms need to emphasize technology protection and controls that are coordinated across allied countries, impacting global operations and supply chains.

6

Multi-stakeholder collaboration and knowledge-sharing to facilitate development of interoperable risk management tools, standardized leading practices, and shared data sets to collectively enhance AI safety and ethics.

Inside America's AI Action Plan

The multifaceted approach in this AI Action Plan represents a marked evolution from prior efforts, transitioning AI risk management from aspirational principles to a robust set of coordinated actions supported by technological infrastructure and international cooperation.

The AI Action Plan articulates more than 90 policy recommendations across three pillars that aim to guide US leadership in the global AI landscape.

Pillar 1: Accelerate AI innovation

Focuses on US leading in creative and transformative application of AI systems by fostering conditions that enable private-sector innovation.

Review and revise regulations: Work with federal agencies to review and revise regulations that may hinder AI innovation with overly restrictive AI rules and promote a regulatory environment that supports rapid AI development.

Ensure that frontier AI protects free speech and American values: Revise standards and procurement guidelines to eliminate ideological bias.

Encourage open-source and open-weight AI: Expand access to computing resources and build the foundation for capabilities that can connect more researchers and educators nationwide to essential AI resources.

Enable AI adoption: Create regulatory sandboxes and foster collaboration among public, private, and academic stakeholders to accelerate responsible AI use in critical sectors like health care and energy.

Empower American workers in the age of AI: Expand AI skills training, integrate AI literacy into education and workforce programs, and pilot new innovations to retrain and empower workers to succeed in an AI-driven economy.

Support next-generation manufacturing: Prioritize federal agency investment and collaboration to advance AI-driven manufacturing, robotics, and next-generation technologies.

Invest in AI-enabled science: Accelerate scientific discovery by expanding funding and infrastructure for research that integrates advanced AI tools and automated, cloud-enabled labs across disciplines (e.g., engineering, biology, neuroscience).

Build world-class scientific data sets: Establish high-quality, secure, and accessible data sets while upholding privacy and civil liberties.

Advance the science of AI: Invest in cutting-edge theoretical, computational, and experimental research to drive the next major advances in AI capabilities.

Invest in AI interpretability, control, and robustness breakthroughs: Strengthen the safety and reliability of advanced AI for national security and improve AI interpretability, system transparency, security, control, and robustness.

Build an AI evaluations ecosystem: Promote rigorous, science-based evaluation of AI systems by developing federal guidelines and investing in secure testbeds to ensure reliable and scalable AI across regulated industries.

Accelerate AI adoption in government: Streamline AI procurement and increase the use of AI to enhance public service efficiency and talent exchange across agencies to expand responsible AI use in federal operations.

Drive adoption of AI within the Department of Defense (DoD): Equip the DoD with talent, workflows, and infrastructure, and formalize agreements with cloud service providers to enable priority access to computing resources in the event of a national emergency.

Protect commercial and government AI innovations: Collaborate with industry to safeguard AI innovations against cyber, insider, and other security threats.

Combat synthetic media in the legal system: Develop standards and legal tools to help courts and law enforcement to detect and manage AI-generated deepfakes used as fraudulent evidence.

Pillar 2: Build American AI infrastructure

Focuses on accelerating build-out of domestic AI infrastructure—data centers, semiconductors, and power—by streamlining the process of permitting and securing facilities, training the workforce, and strengthening cybersecurity.

Streamline permitting for data centers: Accelerate and simplify the approval process for building and expanding AI-relevant data centers by coordinating across federal, state, and local levels.

Develop a grid to match the pace of AI innovation: Upgrade and expand the energy infrastructure to handle rising electricity demands from AI systems.

Restore American semiconductor manufacturing: Boost domestic production of advanced chips to reduce reliance on foreign supply chains. Integrate advanced AI tools into semiconductor manufacturing.

Build high-security data centers for military and intelligence community: Work with National Institute of Standards and Technology (NIST) and other relevant agencies to develop new technical standards for building high-security data centers that ensure resilience against evolving AI-driven threats.

Train a skilled workforce for AI infrastructure: Invest in critical roles that can build, operate, and maintain AI by expanding technical education, hands-on training, and partnerships between government, academia, and industry.

Bolster critical infrastructure cybersecurity: Integrate AI-enabled cyber defense tools into national critical infrastructure planning and enhance coordination within agencies for sharing information on known AI vulnerabilities.

Promote secure-by-design AI technologies: Promote security and resilience in AI development by refining responsible AI frameworks and publishing standards for AI assurance across agencies.

Promote federal capacity for AI incident response: Enhance the federal government's ability to respond to AI-related incidents by partnering with AI and cybersecurity industries to ensure AI is included in establishment of standards, response frameworks, etc.

Pillar 3: Lead in international AI diplomacy and security

Focuses on strengthening US leadership in the global AI landscape by promoting US technology, tightening export controls, and proactively addressing national security/biosecurity risks associated with advanced AI.

Export the 'American AI stack' to allies and partners: Supply complete AI technology stack to allied nations, reducing reliance on rival technologies and strengthening strategic partnerships.

Counter influence in international governance bodies: Shape global AI standards by promoting innovation and American values, actively opposing authoritarian or adversarial influence in international forums.

Strengthen AI compute export control: Tighten controls and monitoring on advanced AI hardware exports to prevent adversaries from acquiring critical computing resources.

Plug loopholes in existing semiconductor manufacturing export controls: Address gaps in export controls for semiconductor components coupled with enhanced enforcement.

Align protection measures globally: Coordinate with allies to harmonize technology export controls across the supply chain, using diplomatic and economic tools to protect access to sensitive technologies—and develop and enhance plurilateral controls for the AI technology stack.

Evaluate national security risks in AI frontier models: Assess and mitigate national security risks posed by advanced AI models, ensuring preparedness against emerging threats.

Invest in biosecurity: Implement strict screening and verification for biotech research, leveraging AI and collaboration with allies to prevent misuse and enhance global biosecurity safeguards.

Endnotes

1. Executive Office of the President of the United States, "America's AI Action Plan," July 23, 2025.

Reach out for a conversation

Clifford Goss, Ph.D.
Partner | Regulatory, Risk & Forensic
Deloitte & Touche LLP
cgoss@deloitte.com

Richard Tumber
Principal| Regulatory, Risk & Forensic
Deloitte & Touche LLP
ritumber@deloitte.com

Kirat Dhillon
Senior Manager | Regulatory, Risk & Forensic
Deloitte & Touche Assurance & Enterprise Risk
Services India Private Limited
kidhillon@deloitte.com

Deloitte.