AI + Quantum Technology for Government

SandboxAQ strives to accelerate the adoption of AI + Quantum (AQ) technology to help the U.S. and its allies tackle hard challenges and ensure a better, safer world for all. Our team works with public sector organizations to protect sensitive data, accelerate materials discovery, and deploy quantum sensors for applications such as GPS-denied navigation, medical diagnostics, and more.

Core Capabilities

- **POST-QUANTUM CRYPTOGRAPHY**
  Prevent current and future cyber attacks with our end-to-end Security Suite. Discover cryptographic weaknesses and vulnerabilities and implement cryptographic agility throughout your IT infrastructure.

- **QUANTUM SENSING**
  Open new pathways combining AI with advanced quantum sensing, for applications such as Assured Positioning, Navigation, and Timing (APNT), wide-area anomaly detection, geodesy, spectroscopy, and medical diagnostics.

- **QUANTUM SIMULATION & OPTIMIZATION**
  Apply the powerful combination of AI and molecular simulation to accelerate the pace of drug discovery and materials science such as battery development. Our machine learning models are trained on data created from physics simulations and run on classical computing TPUs and GPUs.

How We’re Different

- **AI + QUANTUM**
  SandboxAQ leverages the compound effects of AI and Quantum technologies (AQ) to solve hard challenges impacting society. Our AQ technologies enable transformative approaches in global navigation, medical diagnostics, drug and material development, clean energy and many other applications.

- **TRUSTED, DUAL-USE TECHNOLOGY**
  We have been developing AQ solutions, partnering with different organizations within the U.S. government and allied nations. At the same time, we are working with some of the largest commercial enterprises in finance, telecommunications, life sciences, health care, technology and other industries.

- **PLATFORM AGNOSTIC**
  Our AQ solutions run on today’s classical computing architecture — in the cloud, on-prem, or at the edge. We work with all major cloud providers so that our customers can maintain their preferred IT environments.

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Global Strategic Alliances

Deloitte. EY

Contact our Public Sector Team.

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