

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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NAICS: 541715 R&D in Physics, Engineering, Life Sciences (except Nanotech and Biotech) — **PRIMARY | 611430**

Professional Land Management Development Training | **541330** Engineering Services | **513210** Software Publishers |

541511 Custom Computer Programming Services | **541512** Computer Systems Design Services | **541611** Administrative

Management & General Management Consulting Services | **541618** Other Management Consulting Services | **541690**

Other Scientific and Technical Consulting Services

Global Strategic Alliances



Contact our Public Sector Team.

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