

AI + Quantum Technology for Government

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

CORE CAPABILITIES



CRYPTOGRAPHIC MANAGEMENT

Quantum computers threaten the foundation of data architectures that rely on today's public-key cryptography. SandboxAQ's end-to-end security suite helps users build adaptable and scalable solutions to effectively implement cryptographic agility throughout their networks by applying continuous inventorying, policy management, and enforcement.



QUANTUM SENSING

Open new pathways using quantum sensing, which has applications such as wide-area anomaly detection, geodesy, spectroscopy, medical diagnostics, and assured positioning, navigation, and timing.



QUANTUM SIMULATION & OPTIMIZATION

Apply quantum physics to accelerate the pace of design and discovery in areas such as chemical, pharmaceutical, and material science. Our rapid machine learning models are trained on data created from physics simulations run on classical, high-performance computers.

GLOBAL STRATEGIC ALLIANCES



OUR DIFFERENTIATORS



WORLD-CLASS EXPERTISE

Approximately 65% of our global, multidisciplinary team hold PhDs in areas such as physics, mathematics, cryptography, chemistry, engineering, and AI. Our Public Sector team has more than 80 years of combined experience in government service.



TRUSTED, DUAL-USE TECHNOLOGY

SandboxAQ was among the 12 initial collaborators selected by the U.S. National Institute of Standards and Technology for its National Cybersecurity Center of Excellence's Migration to Post-Quantum Cryptography project. We have also deployed AQ solutions with major telecom and healthcare providers, financial institutions, and others.



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 and government-specific networks so customers can maintain their preferred IT environments.

Please visit sandboxaq.com/publicsector or email federal@sandboxquantum.com to learn more.

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NAICS:

541715 Research & Development in the Physical, Engineering, and Life Sciences (except Nanotech and Biotech) – PRIMARY

611430 Professional Land Management Development Training

541330 Engineering Services

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