



SuperQ Quantum Joins Quantum Security Defence to Enable Quantum-Resilient Infrastructure for Impending PQC Transition

Calgary AB, Canada – April 7, 2026 – [SuperQ Quantum Computing Inc.](#) (“**SuperQ Quantum**”, “**SuperQ**”, or the “**Company**”) (CSE: QBTQ; OTCQB: QBTQF; Frankfurt: 25X), a leader in sovereign quantum-safe infrastructure and AI-orchestrated cybersecurity, today announced it has joined forces with [Quantum Security Defence](#) (QSECDEF). This move integrates SuperQ into an elite ecosystem dedicated to addressing the rapidly escalating threats to global data sovereignty and national security.

This strategic alignment comes at a critical juncture in the global cybersecurity landscape. With [Google's recent Post-Quantum Cryptography \(PQC\) announcements](#) setting an aggressive timeline for comprehensive migration, the industry is under intense pressure to transition away from legacy encryption. The shift toward quantum-resistant protocols has moved from a theoretical exercise to a national security priority, catalyzed by heightened geopolitical tensions and the emergence of "Quantum Shield" initiatives designed to protect critical infrastructure.

Unifying Defense and Innovation

By becoming part of Quantum Security Defence, SuperQ's advanced autonomous cybersecurity platform **SuperPQC™** will gain broader global visibility. As volatility in the Middle East and high-profile digital leaks continue to highlight the vulnerability of existing communication channels, something that SuperPQC™ addresses:

- **Cryptographic Audit:** Creating audit logs of cryptographic vulnerabilities and potential quantum threats in web2 and web3 systems.
- **Actionable PQC Remediation:** Implementing NIST-standardized quantum-safe encryption across cloud, email, and remote access systems to meet the "zero-hour" demands of global tech leaders.
- **Hardened Infrastructure:** Deploying hardware-level security and quantum-resistant chips to defend against both state-sponsored cyber warfare and advanced side-channel attacks.
- **Strategic Sovereign Defense:** Utilizing AI-driven protocols to assist organizations in securing digital borders and sensitive governmental data against "harvest now, decrypt later" threats.

"The cryptographic landscape is shifting faster than many enterprises anticipated," said Dr. Muhammad Ali Khan, CEO and Board Chair of SuperQ. "With major players like Google establishing a 2029 deadline for PQC, and global conflicts heightening the risk of state-sponsored cyber warfare, the need for a seamless bridge between threat identification and active, quantum-proof defense has never been more urgent. By joining Quantum Security Defence, we are strengthening the 'Quantum Shield' necessary to protect sovereign interests in an era of unprecedented volatility."

Addressing the Global Security Paradox



SuperQ's participation in Quantum Security Defence acknowledges the emerging "security paradox"—where the same quantum advancements promising revolutionary breakthroughs also threaten to destabilize existing cryptographic foundations. Through this move, SuperQ aims to provide the necessary tooling to ensure that organizations across critical sectors, including defense, finance, and energy, remain resilient in the face of these emerging paradigms.

About SuperQ Quantum Computing Inc.

SuperQ Quantum Computing Inc. (CSE: QBTQ; Frankfurt: 25X; OTCQB: QBTQF) is reducing the technical and financial barriers to quantum and supercomputing commercialization. It is defining the next era of enterprise transformation, emerging as a partner for global organizations seeking direct quantum and supercomputing ROI. We are also putting quantum computing in the palm of consumers' hands through ChatQLM to drive widespread adoption.

Our flagship Super™ platform strives to make the most advanced computational power intuitive and accessible. This will empower executives, leading research institutions, and critical government agencies to unlock immediate business impact across finance, healthcare, logistics, defense, and beyond, leveraging our proprietary AI Autopilots to turn complex challenges into executive-ready results with one-click productization and deployment. SuperQ Quantum is headquartered in Canada with a growing international presence, particularly in the US, Middle East and Asia, strategically establishing Super Hubs in key regions.

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