

**FORM 51-102F3  
MATERIAL CHANGE REPORT**

**1. NAME AND ADDRESS OF COMPANY**

SuperQ Quantum Computing Inc.  
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Vancouver, B.C.  
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**2. DATE OF MATERIAL CHANGE**

September 24, 2025

**3. PRESS RELEASE**

The press release was issued on September 24, 2025 and was disseminated through the facilities of a recognized newswire services. A copy of the press release was filed on SEDAR.

**4. SUMMARY OF MATERIAL CHANGE**

SuperQ Quantum Releases Post-Quantum Cryptography (PQC) AI for Cryptocurrencies and Web-Based Systems as Part of Super™ PQC Module

**5. FULL DISCLOSURE OF MATERIAL CHANGE**

**Full Description of Material Change**

Calgary, Canada - September 24<sup>th</sup>, 2025 - [SuperQ Quantum Computing Inc.](#) (“SuperQ Quantum”, “SuperQ”, or the “Company”) (CSE: QBTQ; Frankfurt: 25X; OTCQB: QBTQF) a global leader in quantum and supercomputing, is pleased to announce the release of [Super™ PQC Analyst](#), the first in-market component of the Company’s forthcoming **Super™ PQC Module**. Available immediately, Super™ PQC Analyst performs exhaustive, automated diagnostics on Web3 and Web2 infrastructure - from permissionless blockchains and DeFi protocols to conventional websites, APIs and cloud environments - grading their **post-quantum readiness** and delivering prioritized, standards-aligned mitigation strategies that can be executed through SuperQ’s PQC Professional Services team.

Post-quantum cryptography is no longer a distant concern; it is a “**today problem**”. Bad-actor “harvest-now, decrypt-later” campaigns are already siphoning encrypted traffic and wallet data in anticipation of future quantum breakthroughs. At the **All-In Summit 2025**, Solana co-founder **Anatoly Yakovenko** warned that there is a “[50/50 chance](#)” that quantum computers will be powerful enough within five years to break the cryptographic protections securing Bitcoin wallets. “We should migrate Bitcoin to a quantum-resistant signature scheme,” he further added as quoted by [Coindesk](#). Such risk applies equally to every ECDSA- or RSA-based system powering Web2 finance, healthcare, e-commerce and critical infrastructure.

“Enterprises and blockchain networks can no longer wait for a ‘Day Zero’ quantum event,” said **Dr. Muhammad Khan, CEO and Board Chair of SuperQ**. “Super™ PQC Analyst gives CIOs, CISO-s

and protocol developers a clear, data-driven snapshot of their vulnerability surface and an actionable roadmap to migrate — before quantum computers catch up.”

### Why the Market Needs Super™ PQC Analyst Now

Independent forecasts by the likes of [Grand View Research](#) put global cybersecurity spending at **US \$272 billion in 2025, rising to over US \$500 billion by 2030**, with quantum-safe upgrades representing one of the fastest-growing segments. In parallel, the cryptocurrency market cap, which sits at **USD \$3.9 trillion** today according to [Coinmarketcap](#), is projected to hit **US \$25 trillion by 2030** according to [ARK Invest](#). This is driven by more than **659 million cryptocurrency users** [[Crypto.com Report](#)] and on-chain stablecoin settlement volumes that surpassed **US \$5.7 trillion in 2024** [[Visa Economic Empowerment Institute Report](#)]. By offering a unified PQC readiness engine for both environments, SuperQ is opening a significant addressable market for its platform and professional services.

### Key Features of Super™ PQC Analyst

- **Deep Analysis Engine:** Scans TLS endpoints, smart-contract bytecode, wallet libraries and key-management workflows to detect quantum-vulnerable cryptography, exposed public keys and susceptible transport layers.
- **Readiness Scoring & Reporting:** Benchmarks posture against NIST, ETSI and Canadian Centre for Cyber Security migration guidelines, producing board-level dashboards and developer-level task lists.
- **Mitigation Strategy Generator:** Recommends concrete steps such as Kyber/Dilithium key-exchange upgrades, lattice-based signature schemes, quantum-secure randomness sources and hybrid transition patterns.
- **Implementation Pathways:** Handover to SuperQ PQC Professional Services team for consulting on and implementation of the PQC strategy.

### Roadmap to the Full Super™ PQC Module

Today’s release is the first milestone in a comprehensive **Super™ PQC Module** scheduled for commercial availability in **Q4 2025**. The full suite will bundle:

- **End-to-end software libraries** (SDKs, APIs, smart-contract templates) for quantum-safe encryption, signatures and key management.
- **Hardware accelerators and secure elements** designed in collaboration with semiconductor partners to offload lattice and code-based primitives.
- **Cloud, blockchain and on-prem deployment artifacts** enabling enterprises and decentralized networks to adopt PQC with minimal disruption.

SuperQ will continue to expand its network of **Super™ Hubs** and university collaborations to validate, pilot and scale these solutions worldwide.

### About SuperQ Quantum Computing Inc.

SuperQ Quantum Computing Inc. (CSE: QBTQ; Frankfurt: 25X; OTCQB: QBTQF) is defining the next era of enterprise transformation, looking to emerge as a partner for global organizations seeking direct quantum and supercomputing ROI previously beyond reach. We are looking to position

ourselves as the trusted leader in quantum and supercomputing-powered problem-solving and optimization.

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.

**For further information contact:**

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**6. RELIANCE ON SUBSECTION 7.1(2) OF NATIONAL INSTRUMENT 51-102**

Not applicable.

**7. OMITTED INFORMATION**

No information has been intentionally omitted from this form.

**8. EXECUTIVE OFFICER**

The name and business number of an officer of the Company through whom an executive officer who is knowledgeable about the material change and this report may be contacted is:

Dr. Muhammad Khan  
Chief Executive Officer  
Tel: 1-587-889-1918

**9. DATE OF REPORT**

DATED this 24<sup>th</sup> day of September, 2025.