

Quantized Technologies Inc. (QTI)

Who we are

QTI envisions a transformation of digital communication through the development and wide-spread adoption of relevant quantum technologies, giving society quantum-based solutions to real-world problems. Our initial offering will change the world by providing unprecedented security in quantum-safe data exchange, even with compromised central detection hardware. It will also enable secure quantum networks, and eventually a quantum Internet, as we develop other key components in a collaborative effort.



Jordan Smith
Co-Founder &
CEO



Daniel Oblak
Academic
Co-Founder &
Chief Scientist

Fast facts

- Founded 2020
- CDL-Quantum venture
- Academic Entrepreneurs in Residence Mentorship recipient
- Pursuing \$2+ million in seed funding
- Anticipate completion of prototype by mid-2023 and commercial product in 2025

How we do it

Quantum computing poses security risks to classical cryptographic methods currently used for cybersecurity. QTI's solution keeps data absolutely safe from being decrypted by evolving computing capabilities, including quantum computing. We accomplish this by concealing information about the secure encryption key from eavesdroppers, offering security across the network at scale, independent of compromised detection hardware. QTI's solution is relevant to telecommunications, defence, finance, healthcare, energy, quantum networks, and other verticals, allowing superior security in transferring even the most sensitive data.

Our solution

QTI's mission is to enable quantum-secure network communications, and to solve society's biggest informational, computational, and security challenges at the smallest (quantum) scale. Our solution offers superior security, as well as scaling and certification advantages over competing quantum-resistant and quantum-proof cryptographic systems.



Contact us

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