

TrUE Quantum Security

**Cryptography that protects the digital world.
Today, tomorrow... Forever.**

The Y2Q Quantum Threat is just around the corner.

Y2Q is the day when quantum computers will break today's encryption. That's why bad actors around the world are already stealing and storing secrets, just waiting to for the quantum computing capacity to decrypt them.

Mandates are being set.

The US Senate recently passed the Strengthening American Cybersecurity Act of 2022, mandating federal agencies to address cyber-threats to critical infrastructure and the federal government. Meanwhile, NIST has completed the third round of its PQC standardization process, designed to select which algorithms should protect us from quantum attacks.

Impacts will be widespread. The \$50 Trillion global digital economy is at risk. Bad actors will be able to access critical infrastructure through fraudulent authentication, manipulate legal and transactional histories by forging digital signatures, compromise national defense and communications, and disrupt and control connected IoT devices and machines.

Only QiSpace™ offers a TrUE defense.

Quantropi provides quantum-secure encryption and quantum key generation and distribution services to enterprises, governments, product manufacturers, and the IoT / embedded space. QiSpace™ is the only platform on the planet providing all three prerequisites for end-to-end quantum security — **Trust**, **Uncertainty**, and **Entropy** — **TrUE**.

Quantropi's TrUE product suite is fast, lightweight, low footprint, resource efficient, and works seamlessly on TODAY's Internet, making it the perfect solution to protect the extremely vulnerable IoT / embedded space and its 13+ billion connected devices.

Proven Leadership

Quantropi's management team has the solid experience to execute on our vision.



James Nguyen
Co-founder & CEO



Dr. Randy Kuang
Co-founder & Chief Scientist



Michael Redding
CTO



Jay Toth
SVP Sales



Raj Narula, P. Eng.
VP Business Development



Ken Dobell
VP Marketing



Nik Mahidhara,
CPA, CA, MBA
VP Finance & Operations

Founded

2018

Industries

Cybersecurity
Quantum-Secure Cryptography
Quantum-Secure Communications

Platform

QiSpace™

Product Suite

MASQ™ Asymmetric Encryption
QEEP™ Symmetric Encryption
SEQR™ Quantum Entropy Services

Target Sectors

IoT
Enterprise
Telco
Automotive
Financial Services
Government

Patents

9 granted, 10+ pending

Quantropi's MASQ-DS Digital Signature Algorithm was submitted to NIST for consideration, March 2023.

“Quantum computing has the potential to break some of the most ubiquitous encryption standards deployed today. We must prioritize and accelerate investments in widespread replacement of hardware, software and services that can be easily compromised by quantum computers so that information is protected against future attacks.”

— The White House
March 2023



www.quantropi.com



Learn More

Bring it on.