

# 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

**“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](http://www.quantropi.com)



**Learn More**

**Bring it on.**