

Company Profile

Cyber Quanta is a deep-tech spin-out company dedicated to protecting digital assets, critical infrastructures, and real-world financial ecosystems against emerging cyber threats—especially those stemming from the post-quantum era. Founded by seasoned professionals with decades of experience in **cybersecurity, cryptography, embedded systems, secure communications, and digital asset protection**, Cyber Quanta is building the next generation of quantum-safe solutions for a rapidly evolving digital world.

Our Mission

We aim to redefine cybersecurity by delivering **scalable, resilient, and quantum-resistant technologies** that protect data at rest, in motion, and in use. Our mission is not just to respond to today's threats but to **anticipate tomorrow's challenges**, particularly those posed by **quantum computing**, and to enable enterprises and institutions to stay ahead of the curve.

Core Focus Areas

- **Post-Quantum Cryptography (PQC):** NIST-compliant, hybrid cryptographic transition algorithms and lightweight PQC tailored for IoT and embedded systems.
- **IoT & Cloud Security:** Low-cost, high-assurance **PKI-based device authentication**, secure boot, firmware upgrades, and over-the-air provisioning.
- **Cyber Resilience:** Zero Trust architectures, AI-driven threat detection, real-time anomaly detection, and proactive cyber defense for critical sectors.
- **Financial Digital Assets:** End-to-end secure storage and transaction solutions for **crypto assets**, real-world asset (RWA) tokenization, and blockchain ecosystems.
- **Regulatory Compliance:** Full alignment with global standards, including the **European Cyber Resilience Act (CRA)** and upcoming national frameworks.

Why Now?

The world is rapidly moving toward a **hyperconnected, tokenized, and decentralized** digital economy. As real-world assets—from financial instruments to infrastructure—become digitally represented and transacted, the stakes for cybersecurity are higher than ever. At the same time, quantum computing is advancing toward practical threat models that could **break classical cryptographic systems**. Cyber Quanta is positioned to lead this transition by providing **future-proof security frameworks** that scale across industries and infrastructures.

Strategic Collaboration Over Capital Alone

At this stage, Cyber Quanta is primarily interested in working with **strategic investors** who bring more than capital—those who offer access to markets, domain expertise, and alignment with our long-term vision. Our objective is to accelerate growth through partnerships that **create mutual value**, particularly in **financial services, defense, industrial IoT, and cloud-native ecosystems**.

The Team Behind the Vision

Cyber Quanta is led by a multidisciplinary founding team with over **70 years of combined experience**, including contributions to national and international cybersecurity projects, post-quantum standardization efforts, and large-scale defense and telecom systems.