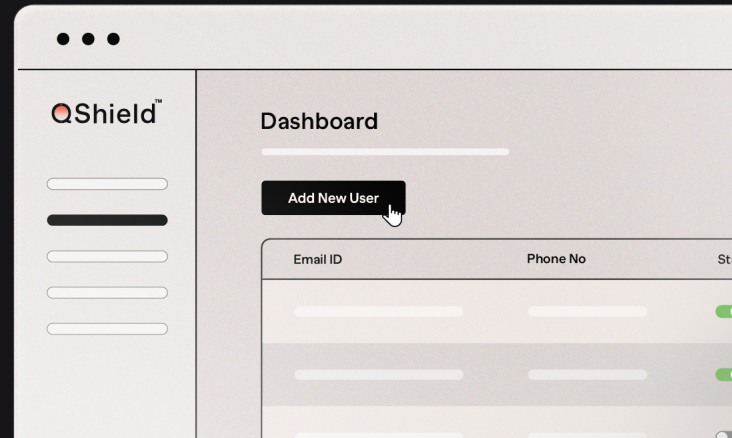
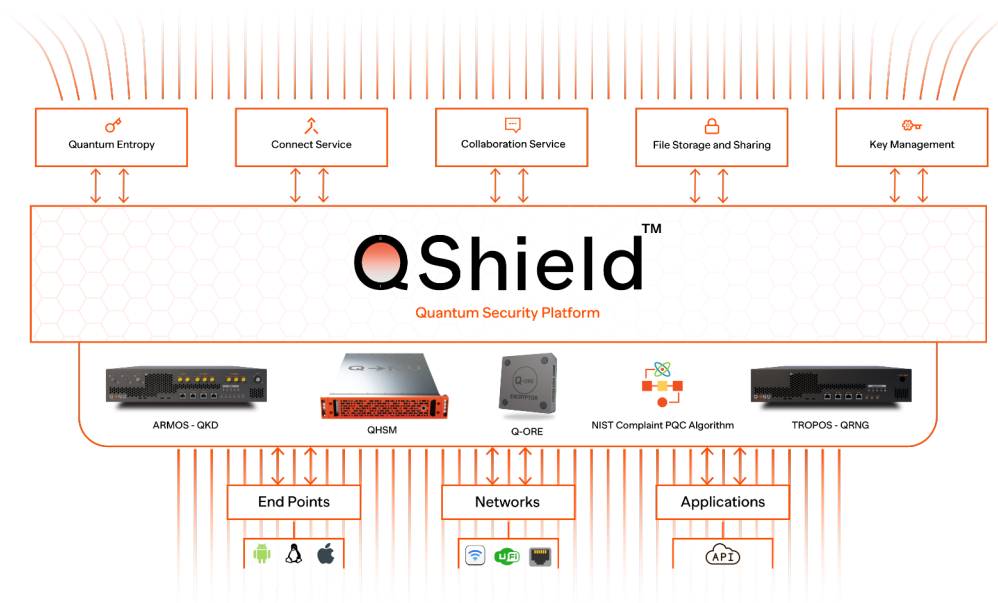


World's first unique quantum security platform that ensures seamless forward secrecy and cryptoagility.



Introduction

QShield™ is a unified platform that serves as a centralized hub for all quantum security services, featuring simplified adoption of quantum cryptography for various use cases across diverse networks, devices and applications.



QNu Labs offers unique capabilities that will help organizations move in the direction of technology adoption and provide data security as their competitive advantage

Gartner®

- **Best in Class Technology:** QShield™ is an innovative platform designed to revolutionize the landscape of digital security, leveraging the power of quantum technology. At its core, QShield™ facilitates the creation and management of large scale quantum networks, extending seamlessly from the core infrastructure to the edge, ensuring robust security across all levels of connectivity.
- **Cryptoagility:** QShield™'s strength lies in its ability to provide seamless and integrated cryptography management, transcending environmental, device, or deployment constraints. This encompasses every aspect of cryptography, including **Key Generation**, **Distribution**, and **Management** coupled with advanced next generation encryption protocols.
- **Unified Interface:** QShield™ stands out for its unified interface for deploying, operating, and maintaining quantum security solutions. This consolidated approach provides users with a comprehensive overview and control over their security infrastructure, simplifying management tasks and enhancing operational efficiency.

QShield™ platform singularly enables various quantum security solutions such as:

- **QShield™ Connect Service**
- **QShield™ Key Generation, Distribution and Management Service**
- **QShield™ File Storage and Sharing Service**
- **QShield™ Collaboration Service**
- **QShield™ Quantum Entropy Service**

Protect and safeguard confidential information across all environments using cutting-edge unified quantum data protection.

Features

- Easy Upgrade to Quantum Safe Security
- Integration with Existing Cryptography Ecosystem
- Flexible and Faster Deployments
- High Scalability and Resiliency
- Protection from Eavesdropper and MITM attacks

Benefits

- Highly Unpredictable Keys used to Encrypt Data by using Random Numbers Generated from Quantum Phenomenon
- Advanced Quantum Resistant Encryption Algorithms that provide Forward Secrecy
- Quantum Secure Communications irrespective of the type of network
- Quantum Security all the way to the Edge

About QNu Labs

QNu Labs is a deep-tech company that develops quantum cybersecurity solutions with the intention of keeping data safe, confidential and private for enterprises across the globe. It offers a platform called QShield™ that is adaptive, proven & flexible for both quantum-safe as well as quantum resilient deployments. QNu Labs caters to telecom, healthcare, banking and finance, critical infrastructure, federal operations, and other critical sectors where forward securing data protection is of prime importance.

The company has won many accolades and awards resulting from its continuous innovation in quantum communications security. The company holds **SEVEN** patents, with additional **EIGHT** filed and has **TEN** plus trade secrets that allows its platform to be the first of its kind.

Awards

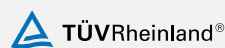
Technology Startup award by Ministry of Science and Technology | 2022
Pandit Deen Dayal Upadhyay Telecom Skill Excellence Award | 2023

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