Quantum Resilience Delivered

QuintessenceLabs' quantum-enabled solutions integrate with today's encryption technologies to offer quantum resilience now, and seamlessly transition to a post-quantum world.

QuintessenceLabs Enables You to Be Crypto Agile Today

NEXT GENERATION KEY MANAGEMENT

qClient™ Software Development Kit (SDK)

Effortlessly integrate quantum key & policy management with existing security systems

KEY DISTRIBUTION

qOptica™ 100 Quantum Key Distribution (QKD)

Enable continuous generation and exchange of information-theoretically secure key material between two parties, where security is guaranteed by the laws of quantum physics

KEY DISTRIBUTION

qConnect Quantum Safe Key Distributor

Provides quantum safe key distribution using NIST approved PQC algorithms and standard industry protocols

KEY AND POLICY MANAGER

Trusted Security Foundation® (TSF®)

Quantum-Safe Architecture™ provides proven framework for quantum resilience

ENTROPY MANAGEMENT

qStream™ Quantum Random Number Generator (QRNG)

Perfectly unpredictable true random numbers form foundational layer for quantum security

FORTIFY CRITICAL ENCRYPTION LAYER FOR ZERO TRUST AT ENTERPRISE SCALE ON-PREMISE OR IN THE CLOUD TO ENABLE AS-A-SERVICE OFFERINGS

ZEROIZATION

qProtect™ Secure Data Storage and Protection

Ultimate protection for sensitive mobile data in unsafe or uncontrolled environments

ENTROPY MANAGEMENT

qRand™ Entropy Management Software

Manage entropy levels, consolidate entropy streams to multiple applications, creating Entropy-as-a-Service (EaaS) capability

START YOUR QUANTUM RESILIENCE JOURNEY

©2025 QuintessenceLabs. All rights reserved. Doc ID: 6455-01