

Introduction

Leveraging quantum-resistant algorithms, QNu Labs has developed the Quantum Secured VPN Client to protect data during transmission. This advanced communication technology ensures the security of data over untrusted links, safeguarding it against both present and future threats.

Organizations extensively utilize classical remote access technology to secure communications over public networks, providing link encryption for various use cases, including connecting laptops to enterprise networks, video conferencing, and messaging applications. Classical remote access technology is also a primary solution offered to remote employees for work-from-home (WFH) setups. Given the widespread usage of classical remote access technology, it is crucial to maintain security and integrity to combat present and future threats effectively. The Quantum Secured VPN Client solution from QNu Labs represents the next generation of technology that offers optimal security for all communication requirements.

The Quantum Secured VPN Client is a plug-and-play device that facilitates secure network connections for devices located behind it. This device seamlessly connects to the Quantum Secured VPN Server, enabling quantum connectivity with the network without requiring any software installation on the user's laptop, desktop, or video conferencing (VC) device.

Product Features

Leveraging quantum-resistant algorithms, QNu Labs has developed the Quantum Secured VPN Client to protect data during transmission. This advanced communication technology ensures the security of data over untrusted links, safeguarding it against both present and future threats.

Quantum Enhanced Encryption: Communication is secured by the high-end security provided by quantum resistant cryptographic protocols.

Complete Device protection against tamper: Quantum Secured VPN Client protected completely, any tamper attempt will result in system failure.

Plug and Play Device: Quantum Secured VPN Client is a convenient plug-and-play device that enables secure network connections for devices located behind it. This device effortlessly connects to the Quantum Secured VPN Server, facilitating seamless network connectivity without the need for any software installation on the user's laptop, desktop, or VC device.

Supports Work from Home - Anywhere: The solution offers quantum security for in-field personnel and work-from-home employees by deploying equally secure quantum resistant encryption algorithms that also secure the inter-office tunnels.

Minimum Latency: The solution ensures that the encryption induced latencies are virtually nonexistent.

Key Benefits

- Advanced quantum resistant encryption algorithms that provide forward secrecy
- Complete device protection against tamper
- Easily portable - Easy to use, easy to implement
- Light weight
- Low Power and Plug

Use Cases

- Securing data in-transit between any data communication (Video conferencing - VC, Meetings applications, Email)
- Connect Laptop port to this device and get connected to enterprise's network
- Connect this device in front of a VC System to create a secure VC
- In campus quantum safe secure mobility
- Work from anywhere

Components	Specifications
QSHIELD RAC MICRO	
LAN Port	2xRJ45 - Gigabit Ethernet
Input Power	DC - 5 Volt@ 3 Amps USB C
Dimensions	78×46×27 mm

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