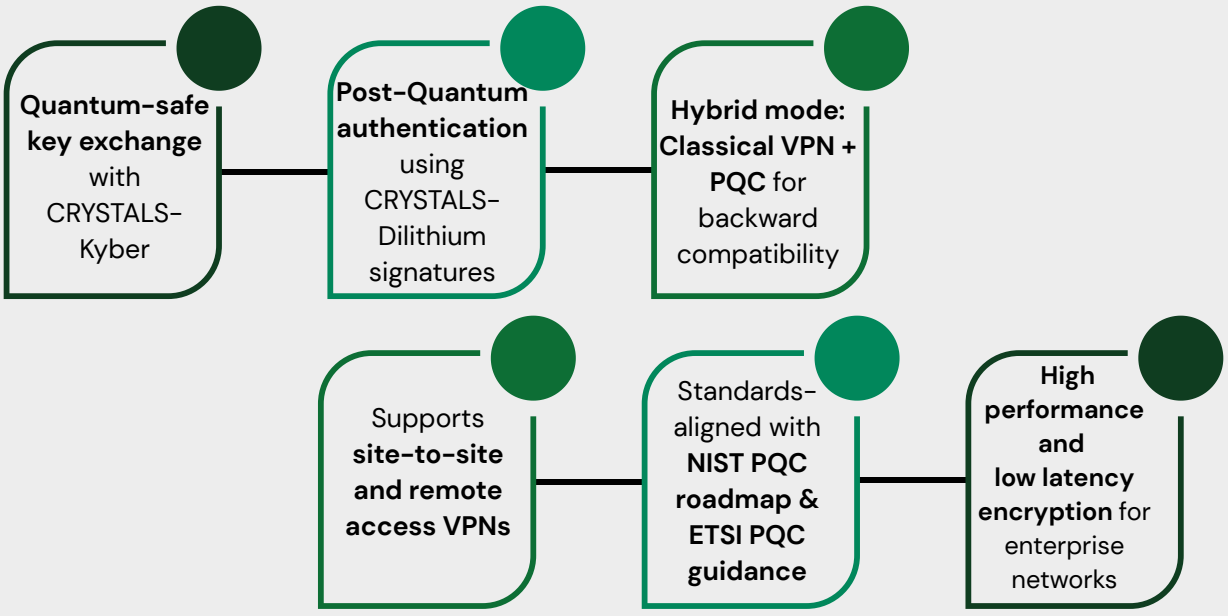
# Quantum VPN

Quantum-Resistant VPN ensure secure, future-proof connectivity for remote users and site-to-site networks. Leveraging NIST standards compliant Post-Quantum Cryptography (PQC) alongside classical algorithms, these VPNs protect data today and against future quantum threats.
Indigenously developed and standards aligned, the solution provides a hybrid cryptography approach, ensuring smooth migration to quantum-safe communications without disrupting existing VPN infrastructure.

Ideal for government, defense, telecom, financial services, and critical infrastructure, where long-term data confidentiality and regulatory compliance are essential.

## TECHNICAL FEATURES AND SPECIFICATIONS

### Key Highlights




### Why Quantum-Resistant VPN?

Classical VPNs are vulnerable to future quantum attacks, exposing sensitive data. Our hybrid PQC approach ensures long-term confidentiality, compliance, and smooth transition to quantum-safe networks without disrupting existing VPN operations.

# Quantum VPN

| Specifications | |
|---|---|
| **VPN Type** | Site-to-Site, Remote Access |
| **Cryptography** | Hybrid (Classical + Post-Quantum) |
| **Classical Algorithms** | RSA, ECC |
| **PQC Algorithms** | CRYSTALS-Kyber (Key Exchange), CRYSTALS-Dilithium (Authentication) |
| **Hash Algorithms** | SHA-256, SHA-384, SHA-512 |
| **VPN Protocols** | IPSec, OpenVPN, WireGuard (PQC-enabled) |
| **Authentication** | Certificate-based and/or username/password |
| **Backward Compatibility** | Fully compatible with classical VPN clients |
| **High Availability** | Supported |
| **Performance** | Optimized for low latency and high throughput |
| **Deployment Models** | On-Premises, Private Cloud, Hybrid |
| **Compliance Alignment** | NIST PQC roadmap, ETSI PQC standards |

## Stay Ahead of Tomorrow's threats with Quantum-Resistant VPN: Seamless, Secure, and Future-proof

## Stay Connected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