

Quantum-Safe Encryption

Unparalleled protection for data with long-term sensitivity and value

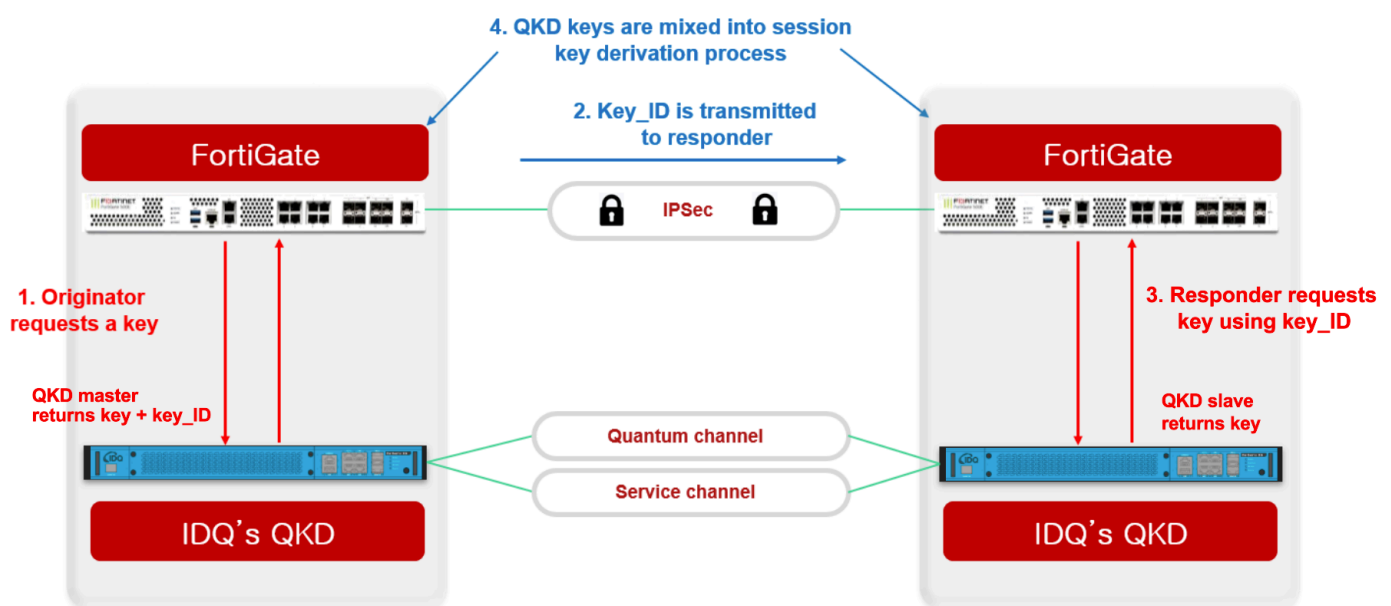
- ✓ No need to change your whole infrastructure
- ✓ Just add the Quantum layer

Data is the most precious asset of your organization, making it secure is paramount.

Quantum Key Distribution (QKD) is a technology designed to distribute random keys securely to different locations. It offers proven secrecy of encryption keys and let organizations reach long-term confidentiality while maximizing trust.

Using quantum cryptography now will provide immediate protection to data in the face of today's brute force attacks, ensure that data with a long shelf life is protected against future attacks and safeguard high-value data in a post-quantum world.

Adding a QKD layer to your most sensitive links ensures a quick start towards quantum-safe security.



- ETSI GS QKD 014 v1.1.1 is used to transfer quantum keys
- Fortinet's proprietary mechanism on: negotiation, ID transfer and key mixing.

IDQ's QKD integrates with Fortinet's VPN products seamlessly.

Quantum-Safe Encryption solutions are designed to protect data in motion against the most complex attacks ensuring the long-term protection of critical data.

Action is required now to ensure current security and to prepare upgrade paths for future technology advances, such as quantum computing.

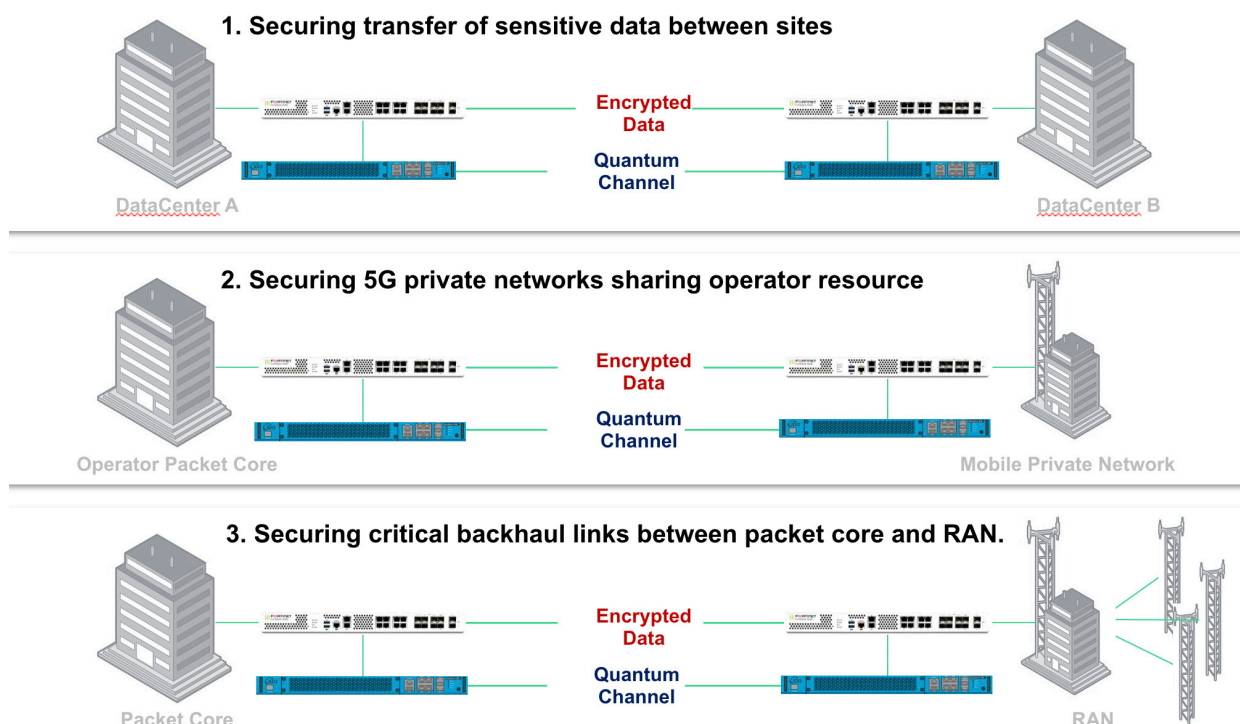


Cerberis XG



FortiGate® 3980E

Quantum Key Distribution (QKD) provides quantum-safe key exchange. Combined with Fortinet's VPN solutions, it ensures the highest level of security.



Recent joint success stories:

