

QuantumGate

QSPHERE DATA SECURITY

Lock down data with next-gen encryption



QSphere Data Security is a comprehensive data security solution designed to protect data against classical and quantum threats. It includes encryption and decryption for text, files, folders, and emails, as well as document signing and verification.



Features

Data security: Centralized key management with sovereign national cryptography for encryption and digital signing that enhances security and compliance.

Data encryption at rest and in transit: Provides post-quantum cryptography encryption and decryption for text, files and folders, ensuring data security both at rest and in transit.

Signature and verification: Supports digital signing and verification of documents, ensuring authenticity and integrity, and facilitating non-repudiation.

Email plugin: Offers easy-to-use message encryption and seamless sharing. Encrypts emails, digitally signs and verifies signatures, allows email encryption with just two clicks, and provides recipients with automatic, transparent decryption.

Key directory server: The server supports key generation, revocation, export, sharing, and attestation, with options for sub-keys and multiple IDs to enhance security.



Book your demo today: Contact@QuantumGate.ae

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Benefits

Protects data assets against both current cybersecurity threats and future quantum computing risks.

Built with compatibility in mind, allowing the use of both post-quantum and legacy algorithms.

Ensures secure communications through email encryption, decryption, signing, and email signature verification.



Technical specs

- Supports flexible deployment models, including on-premises, cloud-based, or hybrid environments.
- Key Directory Server can be deployed in data centres or cloud infrastructures.



Supported platforms and systems

- MacOS 13 or later
- iOS 17 or later
- Windows 10 or later
- Android
- Debian-based distributions on Linux



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