

DATA VAULT

Overview

The DATA VAULT Private Encrypted Data Storage Server is a robust solution designed to counter the imminent threats to traditional encryption methods posed by man-in-the-middle attacks and quantum computing. Available in multiple storage sizes (16 TB, 24 TB, 32 TB, 64 TB, 100 TB, 1 PB), it employs NIST standardized Post Quantum Cryptography (PQC) for superior data protection. With complete user control over data access, location, and management, DATA VAULT ensures the highest level of security for sensitive data at rest. Optional integration with the Virtual Dissimulated Encrypted Server (VDES) gateway and the Entropy Encrypted Network (EEN) further enhances protection by obfuscating endpoint addresses and redirecting traffic over randomized IPs.

Key Features

Quantum Ready Cryptography

- Protect your data with the NIST gold standard for Post Quantum resistant Cryptography. This advanced algorithm ensures data security against man-in-the-middle, supercomputers, and future quantum computing threats, surviving where other methods like RSA and AES fall short.

Flexible Remote Access

- DATA VAULT enables users to access, edit, and share their stored data remotely from any location. Customers maintain complete control over their data, providing flexible management while ensuring uncompromising security.

Benefits

- **Quantum-Proof Security:** Ensures durable protection against quantum computing threats.
- **Privacy:** The VDES Gateway hides the DATA VAULT, protecting its real location, and shields against tracking and analytics.
- **Full Data Control:** Have complete confidence in quantum-ready secure private remote access from anywhere.
- **Scalable Storage:** 16 terabytes to petabyte scale.



Hidden Storage

- Our Data Vault features a Virtual Dissimulated Encrypted Server (VDES) Gateway that sits between the ISP modem and the storage server. This setup protects your system from AI, machine learning predictions, and pattern-of-life analysis. It obfuscates real IP addresses and randomizes traffic across multiple pathways, enhancing your privacy.

User-Controlled Storage Anywhere

- The storage server can be installed at your preferred locations, ensuring that the data remains under your control, both digitally and physically.

Applications

Critical Data Backups:

- **Enterprises & Corporations:** Securely manage sensitive business data.
- **Healthcare Providers:** Protect patient data and ensure compliance.
- **Government & Defense:** Safeguard critical information with secure remote access.
- **Legal & Financial Institutions:** Quantum-safe storage for legal and financial records.

User Experience

- DATA VAULT features an intuitive interface, providing seamless remote access and data control. Advanced security features such as the VDES Gateway operate discreetly in the background, ensuring untraceability without added complexity. Securely manage your data with confidence.

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