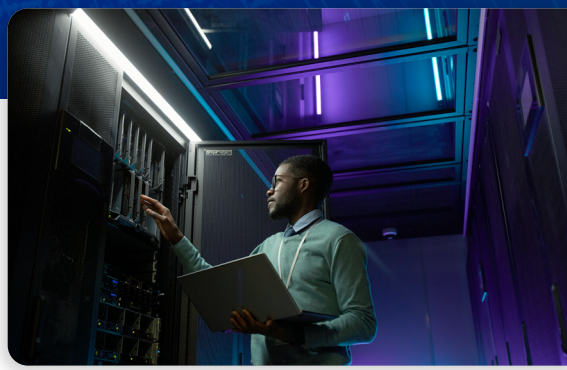
Virtru Private Keystore

Complete Ownership of Your Encrypted Data with Key Management



Store the encryption keys for all of your Virtru and Google Workspace collaboration solutions in a location of your choosing while Virtru does the heavy lifting of managing policies and key exchanges. Ensure regulatory compliance and data sovereignty wherever your data is created, stored, or shared.

Complete Control in a Connected World

In a world where the benefits of online and shared solutions are paramount, controlling data access through encryption keys becomes increasingly crucial. To meet regulatory and data sovereignty standards, organizations are choosing to encrypt shared data and house the corresponding private keys securely within their private data center or private cloud, which requires the use of private keystore management software.

Virtru Private Keystore empowers your organization and helps support your Zero Trust data-centric security objectives by delivering complete, persistent, and flexible control over your private encryption keys. Host your private encryption keys anywhere and collaborate with total confidence that your data remains under your control. Virtru Private Keystore is an integrated solution, supporting all of Virtru's offerings and Google's collaboration solutions.

Maintain Exclusive Access and Secure Your Data - Your Way

- Create additional key pairs to protect underlying encryption keys -the private key never leaves your environment for true "hold your own key" security.
- Host on-premises, in a private cloud, or on any public cloud service.
- Have visibility over all encryption key exchanges and policies.
- Integrate with your SIEM to strengthen threat response and compliance.
- Prevent any third-party (including Virtru and other cloud, email, and security vendors) from accessing your data.

Encryption Keys and Regulatory Compliance

Compliance Support

Help meet data sovereignty, residency, and data protection requirements including CJIS, GDPR, HIPAA, PCI, CCPA, ITAR, CMMC 2.0 and more.

Surveillance Prevention

Strengthen privacy by ensuring any request to access data (including a government subpoena) has to come to your organization.

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Supported Virtru Solutions

- Virtru Data Control for Gmail, Outlook, and Google Drive
- Virtru Email Gateway
- Virtru Share

Google Workspace Private Key Solutions

Google's Client Side Encryption (CSE) for Google Workspace allows you to host the private encryption keys to your data within your own data center or private cloud. The Virtru Private Keystore supports the Google Workspace technology, enabling you to store your private encryption keys in any secure location that satisfies your requirements.

Enhanced Security with Label-Based Access Control

Virtru is a Google-recommended key management partner for Google Workspace CSE. But unlike other partners, Virtru enables you to encrypt your data and also apply automatic access controls based on your custom labels, ensuring your data remains protected against unauthorized access, regardless of its location within your system.

Flexible Encryption Key Hosting Options

Choose from several hosting options to align with your key management processes and security requirements.

Customer-Hosted Keys
You host asymmetric encryption keys on-premises that protect every Virtru client key or Google Cloud request, for a crucial layer of protection.

HSM Integration
Virtru Private Keystore brokers encryption and decryption requests by securely accessing your HSM-managed private keys leveraging the PKCS #11 and KMIP protocols.

HSM Proxy Connector
If you have an HSM proxy or caching service, the Virtru Private Keystore Proxy Connector can integrate with it, brokering encryption and decryption requests. Proxies can reduce load requests on your Hardware Security Module and protect from users or systems making inadvertent or unintentionally brokering illicit requests directly to your HSM.

How We Do It

Virtru Private Keystore is part of Virtru's Data Harbor Platform, a holistic suite of data protection products and solutions.

Virtru strives to protect your data everywhere it flows through your organization: through email, enterprise applications, file sharing solutions, and collaboration tools.

MORE THAN **7,000 ORGANIZATIONS** TRUST VIRTRU FOR DATA SECURITY AND PRIVACY PROTECTION.

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virtru To learn more about Virtru Private Keystore and how Virtru can assist you, visit: www.virtru.com

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