Virtru vs. Other Email Security Data Protection Solutions

Moving from Secure Email Gateway Portals to a Better Experience with Virtru

A growing focus of data protection is eliminating the security gaps in the data lifecycle as we create, share, and store data. The challenges with email gateways and other solutions that rely on a portal for message storage and access are the vulnerabilities it opens for cyber hackers, the user/sender confusion around how to add encryption, and the recipient experience that causes more friction to read the message. For today's needs, it can feel like portals create more problems than they solve when it comes to efficiently sharing data.

Virtru end-to-end encryption is different. It works within your existing email system for simple yet powerful security, without disrupting your workflow.

Comparing Email Capabilities

Capabilities		Virtru Data-Centric, End-to-End Encryption	Email Security Data Protection Requiring Portal Use
Ease of Use	Sender/User Experience to Add Encryption	Simply toggle button to turn encryption on or off in your message. Set DLP policies to automatically encrypt email or warn users before sending.	Reliant on rules with limited email client integration- requiring users to manually add a keyword such as 'encrypt' to message subject line. Message is only encrypted after it's sent- no ability to warn users before sending.
	Recipient Requirements to Access Message	Seamless experience — unlock message without unnecessary friction.	Create portal username and password, and download software or attachments for open instructions.
	Deploy from Web	✓	✗

Capabilities		Virtru Data-Centric, End-to-End Encryption	Email Security Data Protection Requiring Portal Use
Security and Privacy	Emails Are Encrypted from Creation Through Sharing-Full Lifecycle	✓	✗
	Prevent Third-Party Access to Unencrypted Data	✓	✗
	Encryption Key Management Options	Various options offered including customer-hosted keys.	Limited options offered.
	Ability to Meet Regulatory Compliance	Meet strictest compliance requirements including HIPAA, ITAR, EAR, CJIS.	May not meet specific compliance requirements.
Access Control	Easily Revoke Messages, Add Expiration Date, and Control Forwarding	✓	Limited functionality and harder to use.
	Maintain Complete Visibility and Control Over Your Message at All Times	✓	✗
	Protect Attachments in the Cloud and Downloaded Offline	✓	✗
	Manage Data Loss Prevention (DLP) Rules	Performed on your email client before the message is sent. Virtru cannot access content.	Performed by the vendor after the message is sent. Vendor may be able to access content.

Data-Centric Protection Across Your Needs- Email and Beyond

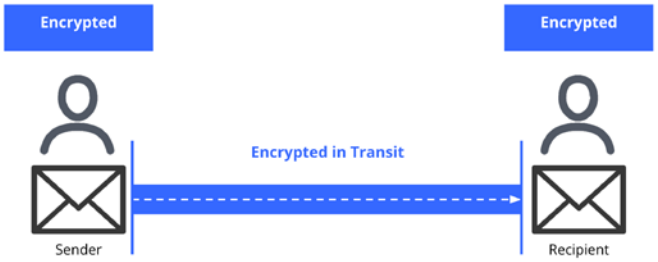
Can your vendor protect your data no matter where it goes?

Virtru is a leading email encryption provider that also delivers persistent file protection for collaboration solutions like Google Drive and the opportunity to scale data-centric protection across any workflows, applications, connected devices, and infrastructures.

Email is just one of the ways we share data. Even data that starts in an email is often taken out of email and then re-shared in other ways. Virtru gives you the visibility into those typical data transitions and access controls to manage and maintain control of your data.

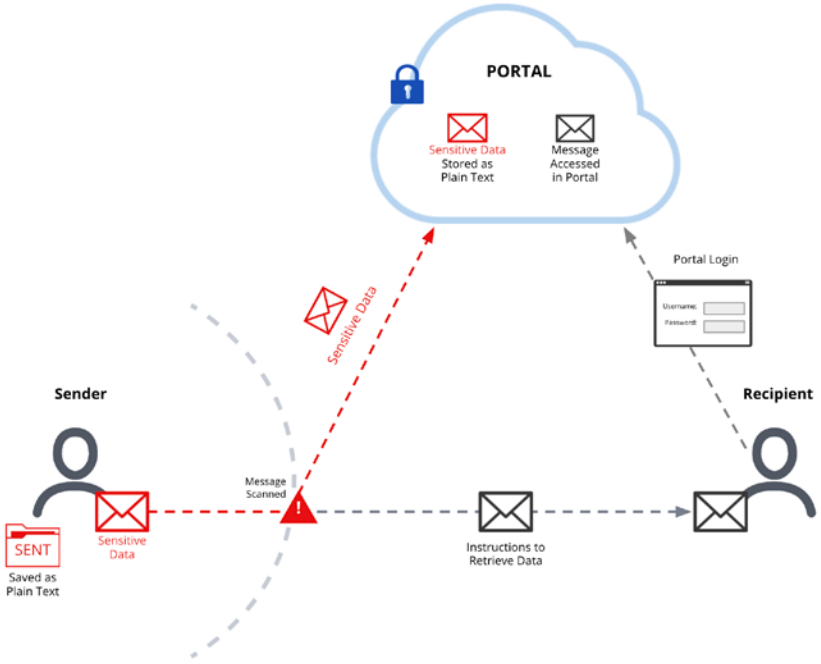
How Virtru End-to-End Encryption Works

End-to-end encryption means your email is encrypted at all times- from the moment it's created, through saved drafts, and no matter where it's shared. Virtru combines the highest security standards with ease of use for all. Granular data protection and access controls help you meet compliance (HIPAA, ITAR, CJIS, GDPR, etc) and maintain true data privacy. Virtru also simplifies the user experience to enable secure sharing with anyone.



How Other Email Security Data Protection Solutions Work

Your email isn't encrypted until it's sent, scanned at a gateway, and then added to a portal where it's stored- leaving risky gaps in data protection. Additionally, these products complicate the sender experience by requiring technical rules to add encryption and forcing recipients to create portal accounts which decrease convenience and might prevent them from reading the message.



Learn how you can easily protect data wherever it's created or shared.
Contact us today at **virtru.com/contact-us**.