

Safe-T Secure Data Exchange

Controlled, Secure, and Agile Data Exchange for Any Enterprise

Recent researches show that 25% of data is stolen or leaked from organizations via E-mail and file transfer protocols. And within this large amount of data, roughly 43% was due to internal employees (either intentionally or by accident), and 57% was due to external hackers.

One of the main reasons for such a large percentage of data getting stolen via seemingly standard methods, is the proliferation of data exchange methods and data storage solutions existing in the organization – emails, EFSS solutions, MFT solutions, S/FTP servers, network file storages, document management applications, human file upload portals, applications transferring data, consumer cloud solutions, etc.

Ask yourself this - once you have so many data exchange flows and data is stored in so many locations, how do you ensure all data is controlled, managed, and secured.

Safe-T[®]'s Secure Data Exchange (SDE), a component of the Safe-T High-risk Data Security solution, is the most complete secure data exchange solution, protecting both inbound and outbound data exchange.

It enables organizations to broker, control and secure data exchange of any type and size between people, applications, cloud solutions, and businesses. It is designed to rapidly add security and control across a wide variety of data exchange patterns for enterprises of all types including to and from the cloud.

Safe-T SDE is built on top of a combination of Safe-T's Integrated Data Security Platform and Safe-T's unique Secure Virtual Vaults (SVV) technology.

Safe-T's Integrated Data Security Platform consists of four components:

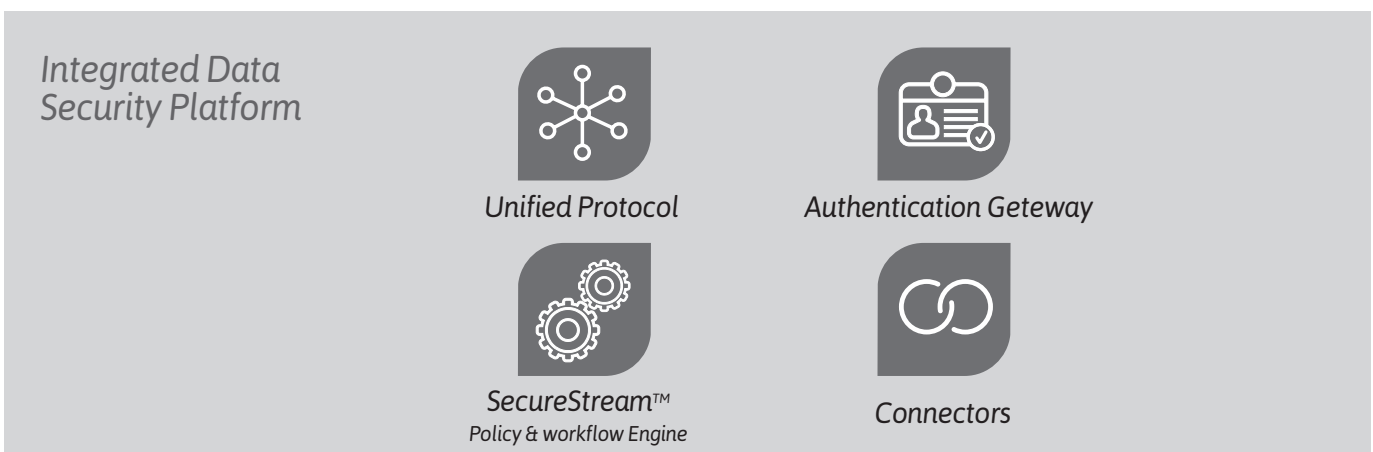


Figure 1 - Safe-T Integrated Data Security Platform



Unified Protocol

- ✓ Native and SDK based support for all common enterprise file transfer and business applications' protocols
- ✓ Easily integrate new RFC protocols or modifying existing ones
- ✓ Real-time application/protocol conversion (HTTP to SFTP, SQL to DropBox)

Authentication Gateway

- ✓ Built-in multi-factor authentication and authorization (MFA) engine
- ✓ Integrate Safe-T products with any number of authentication and authorization systems

SecureStream™ policy and workflow engine

- ✓ Broker traffic to 3rd party security (DLP, AV, Antimalware) and IAM products
- ✓ Automatically enforces security policies on outgoing/incoming data exchange flows
- ✓ Easily create multi-factor authentication and authorization as well as data exchange workflows

Connectors

- ✓ Dozens of Safe-T Connectors to enterprise applications, storages, cloud storage solutions/services, security solutions, authentication solutions, encryption solutions, and more

The SVV technology allows converting any storage (network file storage location, FTP/SFTP site, cloud storage solution, databases, document management applications, etc) to an encrypted digital vault.

Combining the two technologies together, creates a the only true Secure Data Exchange Broker solution, which -

- ✓ Prevents data exfiltration, leakage, malware, and fraud
- ✓ Unifies all data exchange flows in one solution
- ✓ Secures your data exchange with customers, partners, applications, and cloud
- ✓ Ensures data governance with integrated policy engine
- ✓ Controls, manages, and transfers data from any source to any destination using Safe-T's SecureStream engine
- ✓ Stores all data secured and encrypted
- ✓ Easily integrates all data exchange and data storage solutions

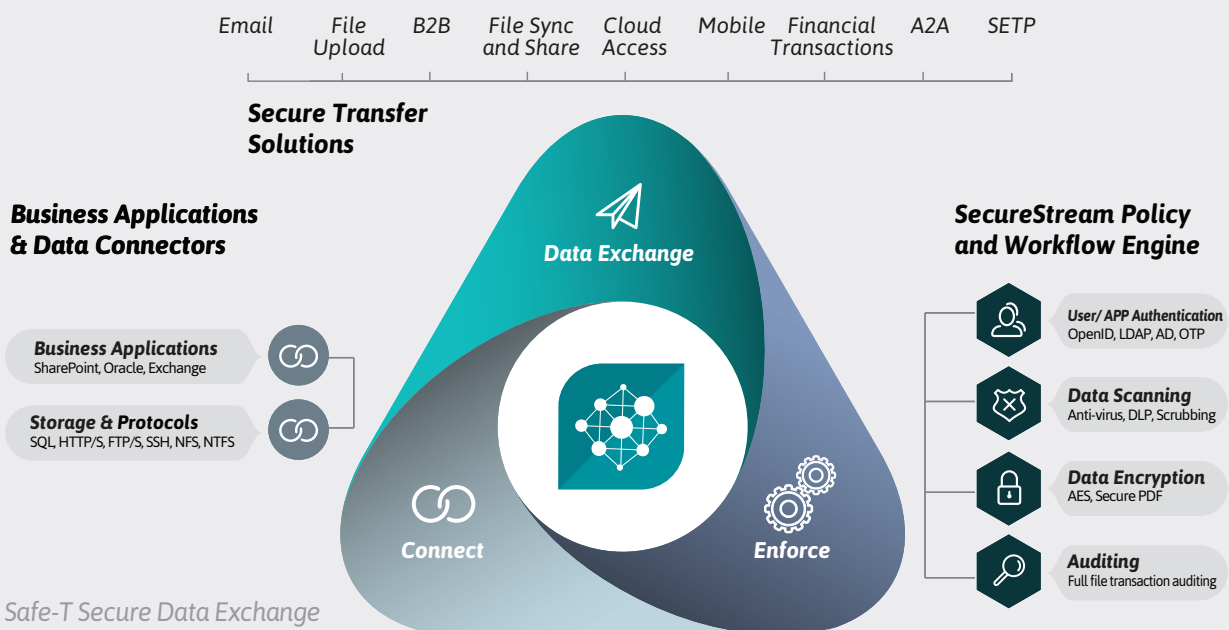


Figure 2 - Safe-T Secure Data Exchange

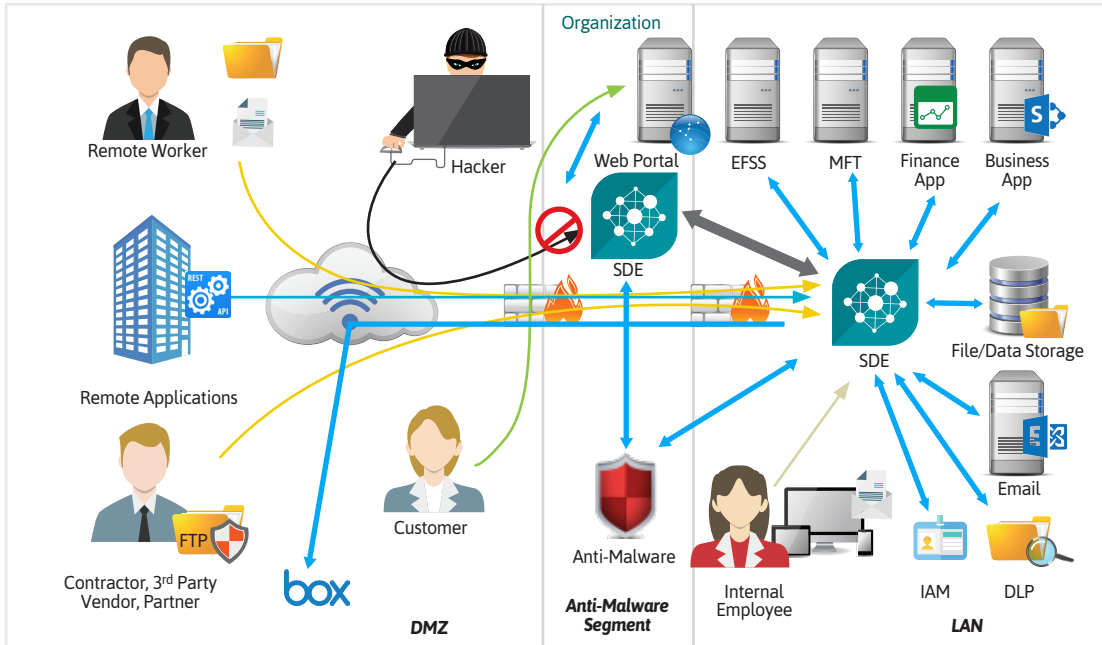


Figure 3 - Secure Data Exchange Deployment

Robust Secure Data Exchange Use Cases:

Human Data Exchange

control, manage, and secure all human data exchange scenarios – incoming/outgoing email, S/FTP, consumer cloud access, file uploads, mobile data exchange, employee collaboration (EFSS), digital vaults.

Application Data Exchange

control, manage, and secure all application data exchange scenarios – business to business file transfers, application to application file transfers, financial transactions.

Anti-Financial Fraud

deploy a highly secured and authenticated end-to-end (Customer-Finance Center-Customer) solution for digital check deposits, ATM withdrawals, Wire Transfers and Emails Requests, between people-to-people, people-to-business and business-to-business.

Prevent Ransomware Attacks

prevent ransomware attacks from encrypting your files, by controlling their encryption type, file size and type, verifying their integrity, and ensuring any file manipulation is done solely by SDE.

Secure Data Exchange (SDE) Features

- Secures all data exchange scenarios in one platform
- Supports human and application data exchange scenarios
- Highly scalable solution
- SecureStream™ policy and workflow engine
- Dozens of pre-built Safe-T Connectors to business applications, security solutions, data repositories and cloud services
- Robust data exchange deployments
- Full auditing of all “where, what, who, and when” data exchange and access
- Highly intuitive and simple end user interfaces
- Deployed on-premise or in the cloud

Frank Frenzel, Lead Architect Software Infrastructure at eviCore Healthcare said:
“The ability of Safe-T to collaborate with our team, and to tailor their product to slip stream it into our application architecture,” mentioned, “have encouraged us to expand our use of their technology across our enterprise.”



About Safe-T

Safe-T[®] Data is the provider of solutions designed to mitigate attacks on business-critical services and data for a wide range of industries, including: financial, healthcare, government, etc.

Safe-T's High-risk Data Security (HDS) Solution mitigates data threats: un-authorized access to data, services, networks, or APIs; as well as data, related threats, including data exfiltration, leakage, malware, ransomware, and fraud.

Safe-T is a cyber security company dedicated to preventing unauthorized access and use of high-threat services and data, inside and outside the organization perimeter. Enterprises and businesses around the world trust Safe-T's High-threat Data Security solution to secure their data, applications, and networks from insider and external data threats.

Focused on providing security solutions for the enterprise market, Safe-T enables organizations to benefit from enhanced productivity, efficiency, heightened security, and improved regulatory compliance.

Safe-T has offices in North America, APAC, Africa, Europe, and Israel.

For more information, visit www.safe-t.com.

Secure Data Exchange (SDE) Benefits

- Prevents data exfiltration, leakage, malware, ransomware, and fraud
- Empowers you to easily accommodate any human and application data exchange flow
- Drives down costs through simplification, operational efficiency and consolidation of data exchange solutions
- Secures your data exchange with customers, partners, and cloud
- Controls the flow of data in and out of your enterprise