PRODUCT OVERVIEW

Sotero Protect

The new data encryption standard for using, sharing and monetizing data

Traditional data encryption solutions don't protect data in use, limiting the value of your data for so many mission-critical use cases.

With Sotero Protect, data remains encrypted while in use, in motion, and at rest. Even if a breach occurs, the data remains encrypted.

Gain Faster Time-To-Value From Your Data

Sotero Protect employs next-generation "in-use data encryption" to give your organization the security it needs to use and share data without risk – to realize faster time-to-value from its data, and achieve better business outcomes:

- Attract new customers
- Open new revenue streams
- Accelerate development cycles

Share Data With Confidence

Sotero Protect enables secure business collaboration, to drive previously unattainable use cases and business opportunities. You can share data securely and quickly with vendors, partners and downstream systems. Data that you share stays encrypted, with access rights limited to only those you specify.

Organizations can use Sotero Protect to build a platform where data can be co-mingled, matched, and shared without the need to send plain text data into an environment. In addition, high volume, multi-tenancy data can be processed quickly and with ease. Using Sotero and shared keys, clients and vendors can unlock the potential of data without it ever being exposed.

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Protect Data In The Cloud – And You Hold The Key

With Sotero Protect, you get all the benefits of the cloud – without the security risk. Data stays encrypted while in transit to the cloud and, once there, the cloud services provider cannot view or access your data. Your data is not accessible to the database administrators of the cloud applications, and you, not the cloud provider, hold the encryption keys.

Detect And Prevent Data Breaches In Real-Time

Sotero Protect encrypts data in data stores and enables querying of encrypted data, while providing real-time streaming anomaly detection that instantly quarantines suspicious requests. Sotero Protect analyzes user behavior and if it detects abnormal or malicious behavior, you can proactively stop malicious users and quarantine them before they get to the encrypted data.

One Solution For All Your Systems

With Sotero Protect, you can manage data security and governance for all your data stores, and across your entire product and technology suite, from a single, centralized platform. Sotero Protect is a vendor-neutral solution that can work alongside your existing security information and event management (SIEM) systems, enhancing them with additional protections to reduce breaches and data loss.

> **With Sotero Protect, data remains encrypted while in use, in motion, and at rest. Even if a breach occurs, the data remains encrypted.**

Key Features

- SIEM integration capability provides a holistic view of your organization's information security.
- Cloud deployment makes it easy to adopt, manage and scale up projects rapidly.
- Granular Access Setting enables you to allow/restrict access and choose selective encryption for fields, rows or parts of a data set.
- Easy application integration ensures efficient workflows for your business. No server-side software needed.
- Scalability and high-speed performance minimize user experience impact, that is common with encrypted systems.
- Compliance with HIPPA, GDRP, PCI-DSS, & more.
- Advanced Encrypt AES-256 encryption at rest, in-use, and in motion. Nothing less than the best.

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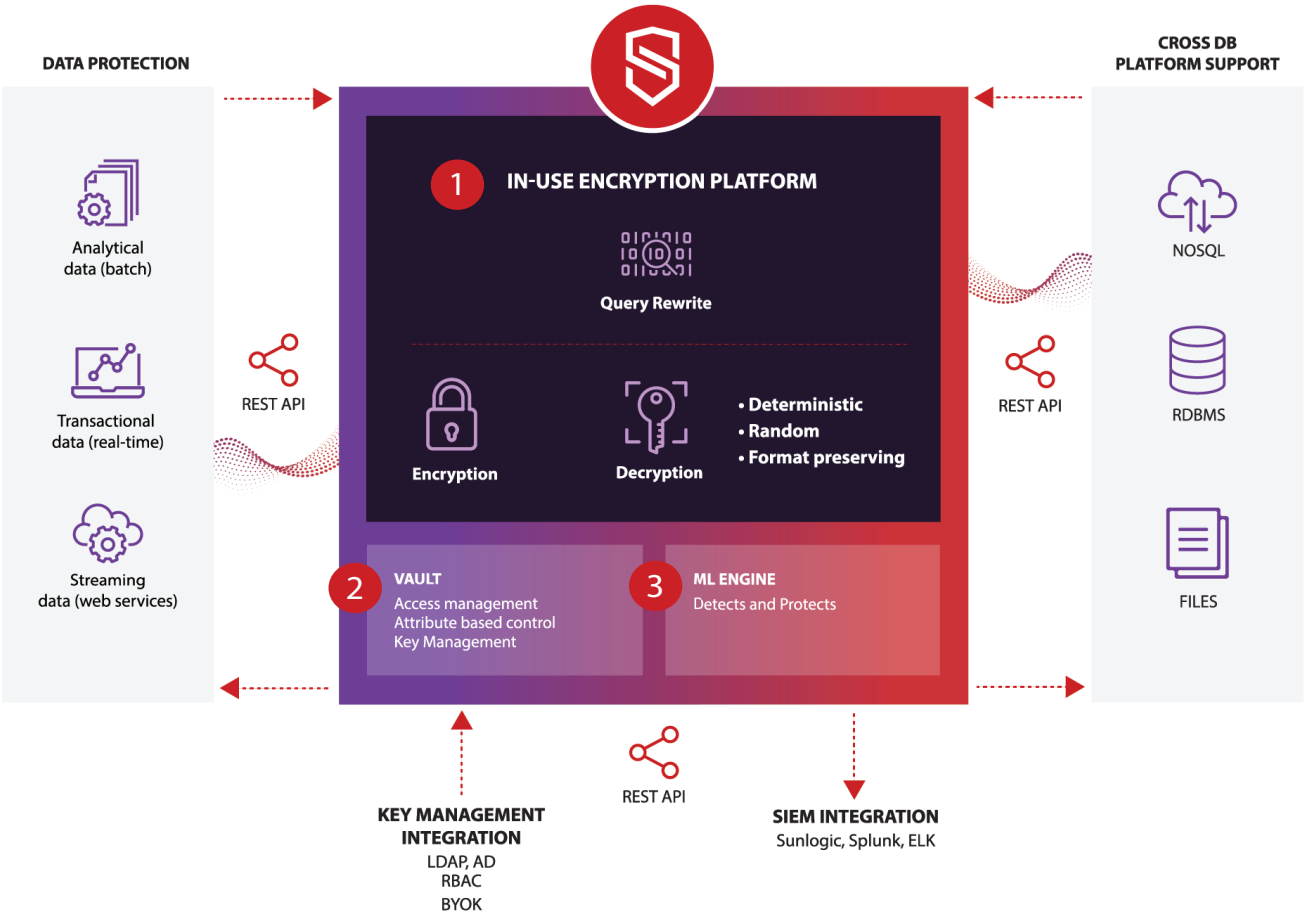

Sotero Protect Components

Sotero Protect consists of three components:

1 **Sotero KeepEncrypt**™ ensures that sensitive data is encrypted, even when in use by applications. It provides decrypted data for authorized queries from your application users. KeepEncrypt uses three levels of encryption: deterministic, random and format-preserving.

2 **Sotero Vault** is a highly-secure key management service that uses TLS access control and multiple layers of AES-256 keys to encrypt data. The Sotero Vault holds the data encryption keys (DEKs) used to encrypt the data as well as a master key (or key encryption key, KEK), which is used to encrypt the DEKs themselves. The DEKs are symmetric keys, meaning the same key is used to encrypt and decrypt the data.

3 **Sotero ML Engine** detects and protects data from unauthorized use and attempts at retrieving data, and prevents attacks in real-time. The ML Engine evaluates each incoming query against historical patterns of use to halt a suspicious query before the data is released to the user.

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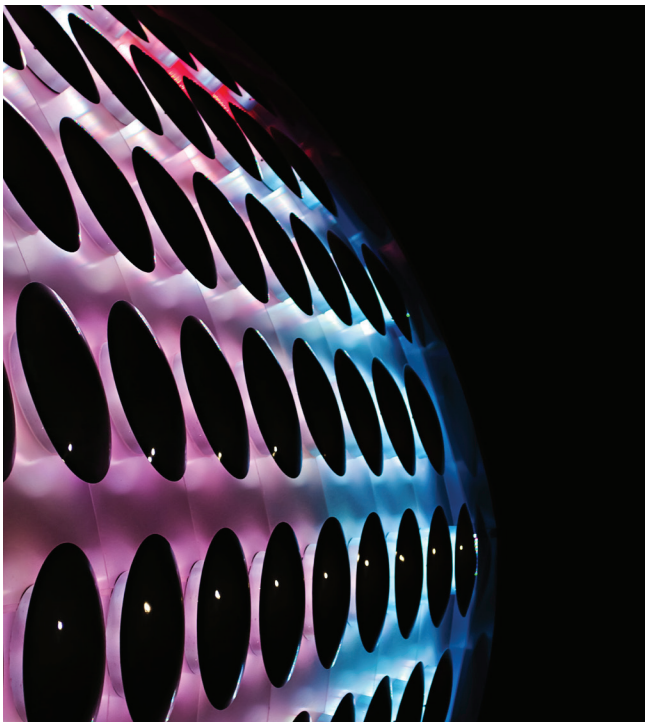
Where Sotero Protect Resides

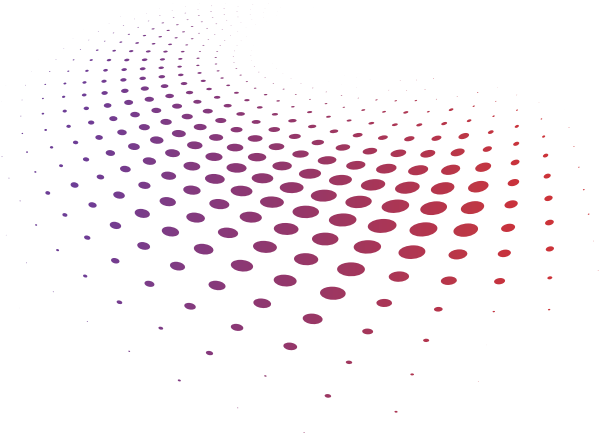
Sotero Protect can be deployed on premise, in a private cloud or in the Sotero multi-tenant cloud environment. Regardless of its location, the Sotero Protect logically sits between your applications and your data store, encrypting data in your data stores, validating requests for accessing data, and decrypting data for authorized requests.

Sotero Protect sets a new standard for using, sharing, and monetizing data securely and with confidence. We invite you to learn more.



[Schedule a Sotero Protect Demo →]

Or email us at info@soterosoft.com.



ABOUT SOTERO

Sotero is the global innovator and leader in next generation data security. Sotero's KeepEncrypt™ solutions secure your data by encrypting data at rest, in motion, and in-use with virtually no latency or impact on user experience. Securing data "in-use"enables our customers to realize higher returns and faster time-to-value from their data for mission-critical business use cases, including data analysis, data sharing, and product development. Sotero's data security solutions are used by mid-market and large enterprises around the globe in biotech research, financial services, software development, healthcare and other industries that rely on data for business innovation and competitive advantage.

→ **If you are interested in learning more about Sotero's data protection platform, please click here to request a demo.**

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