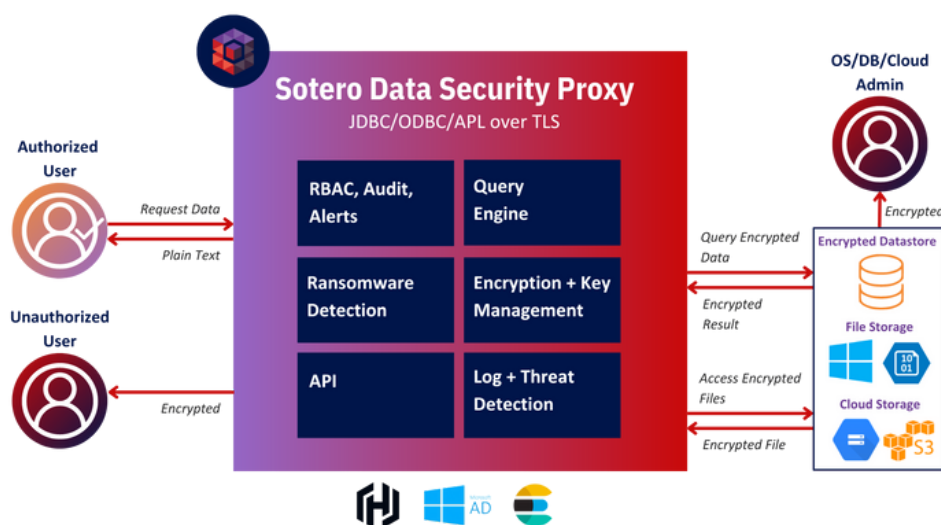# Cloud Data Security
Protecting Data Anywhere All The Time

Challenge

- Cloud providers rely on a shared responsibility model requiring customers to bring their cybersecurity.
- Cloud providers have limited security controls for customers to implement on their own
- Data stored in the cloud is commonly misconfigured to allow unintended access to unauthorized individuals
- Encryption key holders such as the cloud provider or database administrator can view sensitive information in plaintext
- Breaches to cloud providers allow attackers to access customer's sensitive data using the cloud provider's key

Solution

- Sotero protection goes beyond cloud providers to limit access to files with role-based access controls, preventing unauthorized sharing
- Sotero allows organizations to control their own keys, keeping external parties from snooping on sensitive data
- Sotero encryption protects data at all stages, including in use, ensuring that even if stolen, the data is not visible for unauthorized users
- Sotero actively tracks all data access requests creating profiles of data utilization
- Anomaly detection uses machine learning to identify data misuse from insider threats and compromised accounts, blocking access to virtually eliminate data theft

Sotero™

99 S. Bedford Street, Suite 106
Burlington, MA 01803
www.soterosoft.com

Benefits

- Cloud providers and other unprivileged parties are blocked from accessing or altering your data
- Even if the cloud provider is breached, your data remains secure as it is encrypted with an organizationally controlled key.
- Easy integration with cloud applications and services, requiring no coding to integrate with your infrastructure.
- Visibility of cloud data utilization using a single user interface and integration into industry-standard SIEM tools.
- Ability to detect malicious usage with anomaly detection powered by machine learning.
- Tracking of all access requests creates a record of continual compliance helping organizations meet stringent regulatory, data governance, and compliance standards.
- Seamless implementation protects data without any impact on the user experience, allowing them to continue their daily work without being aware of the tracking and protection occurring in the background.
- Integrated active ransomware protection ensures cloud resources for shared storage can't be stolen for extortion or spread to infect end users.

About Sotero

Sotero is the global innovator and leader in revolutionary data security. Sotero is a cloud-native data protection platform that protects ALL cloud data types, applications, and stores from catastrophic cyber attacks. Sotero protects your data in the cloud with no costly, time-consuming deployment or downtime. Advanced encryption and real-time machine learning techniques allow organizations to solve for insider and outsider threats while meeting compliance requirements with actionable audit logs. The platform enables fast deployments that enable data to be shared securely and used with confidence. With point and click set-up, Sotero's data security platform is easy to deploy and manage with no impact on user experience. Organizations can now be protected in a matter of days, not weeks or months.

Sotero™

99 S. Bedford Street, Suite 106
Burlington, MA 01803
www.soterosoft.com