

Anomaly Detection

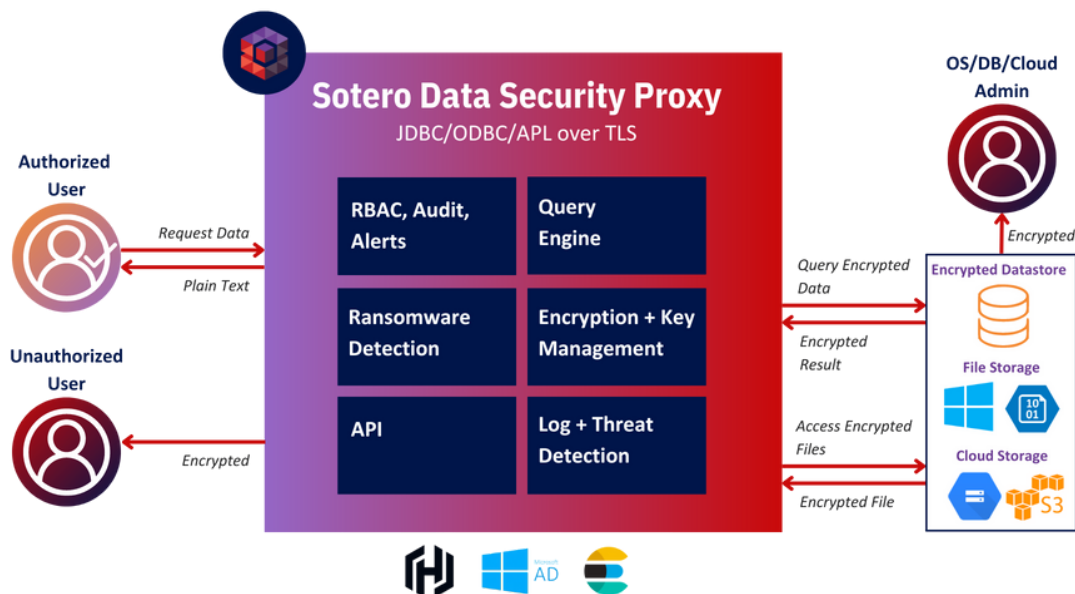
Protecting Data Anywhere All The Time

Challenge

- With the widespread adoption of cloud infrastructure and remote work, legacy data security perimeters such as a firewall are no longer sufficient to track and protect data.
- Threats to data are no longer external; they can also come from internal sources.
- Attackers have become savvier, attempting to steal data under the radar a little bit at a time.
- Existing data protection solutions may track access attempts, but poorly correlate this information with actionable insights that differentiate between regular usage and misuse.

Solution

- Sotero uses advanced machine-learning algorithms to analyze access records, determine standard utilization patterns for individuals, detecting variations in access times, locations, and data elements.
- All data stores are protected by the Data Security platform keeping in-depth records that include full attribution of how access is used, by whom, and from where.
- Anomaly detection creates active defense blocking access and driving alerts for abnormal usage in real-time.



Benefits

- Anomaly detection integrates directly with existing infrastructure to create active protection for data.
- Seamless integration for anomaly detection 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.
- Anomaly detection blocks access to internal and external threats, simultaneously preventing both risks.
- Anomaly detection works for data on-premises and in the cloud, creating an internal defense against threats where traditional perimeters are no longer sufficient.
- Data usage tracking helps meet regulatory and governance mandates by showing evidence of continuous data utilization and modification compliance.
- Active monitoring with automated responses serves as a cornerstone in achieving compliance and governance requirements.
- Protection is not limited to databases but spans both structured and unstructured data sources, protecting all varieties of organizational data.
- Anomaly detection is a core component of the Sotero Data Protection platform, helping create a complete organizational digital defense.



About Sotero

The Sotero Data Security Platform provides a centralized way to encrypt and protect data through its entire lifecycle – at rest, in transit, and in use. With real-time detection and automated quarantine of malicious access, Sotero also prevents active threats, giving you 360-degree data security without disrupting the user experience. With our lightning-fast encryption and our point and click set-up, Sotero's solution is easy to deploy and manage, ensuring you are protected in a matter of days, not weeks or months.