

Data Lake

Protecting Data Anywhere

All The Time

Challenge

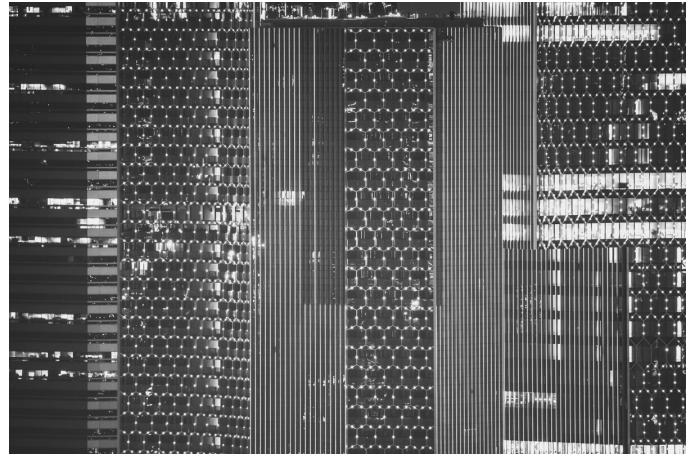
- Data lake incorporates vast volumes of unstructured data, often with availability to numerous parties, including machine personas
- Identifying sensitive information and restricting access to it in the pool is crucial for maintaining governance
- Lack of audit trail for modifications to objects

Solution

- Sotero is used to de-identify data in different objects in the lake to protect customer data, making it available to different users.
- Role-based access controls allow for different data controls on objects to be placed on different groups. This facilitates multiple groups having access with different visibility levels.

Benefits

- Users can access the entire lake while individual objects are protected with fine-grained access controls using RBAC to simplify management.
- In-depth data modification tracking helps maintain compliance with the strictest regulatory standards, ensuring a fully attributable access trail.
- Sensitive data remains encrypted throughout its lifecycle, in transit, storage, and use.
- Data lake becomes a controlled collection of unstructured data rather than a chaotic, free-for-all.
- Encryption, access restrictions, and active threat monitoring prevent data leaks from both external and internal threats.



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.