

Access Management: Enhancing Data Security through Tailored Control

A Crucial Element of Sotero's Data Security Posture Management (DSPM+) Solution

Access Management is a fundamental aspect of data security, ensuring that the right individuals have the appropriate access to organizational data. Sotero's Access Management features, including Role-Based Access Controls (RBAC), RBAC Decryption Mask, Partial Encryption, and Row-Level Security (RLS), provide a comprehensive and tailored approach to data security. By offering granular control over data visibility and access, Sotero's Access Management capabilities significantly enhance an organization's data security posture, minimizing exposure risk and boosting the integrity of data security.

Role-Based Access Controls (RBAC)

Sotero's RBAC allows organizations to control data access based on an individual's role within the organization. By binding predefined roles with explicit permissions that govern data access and manipulation, RBAC ensures that only authorized individuals can access specific data.

RBAC Decryption Mask

Sotero's DSPM solution includes an RBAC Decryption Mask, a security measure that regulates data access based on a user's role. It allows decryption of only the specific data pieces that a user's role requires, maintaining the encryption of other data, thereby enhancing privacy and minimizing exposure risk.

Partial Encryption

Sotero's partial encryption capabilities, also referred to as selective or attribute-based encryption, significantly enhance data security posture. This feature facilitates granular control over data visibility, securing specific data attributes or segments while leaving non-sensitive data readily accessible to authorized roles.

Row-Level Security (RLS)

Row-Level Security is another pivotal feature Sotero offers that functions in tandem with RBAC and partial encryption capabilities to provide a comprehensive data security model. RLS imposes fine-grained control over data visibility down to individual rows in a database, allowing for customized access rules based on the user's role, their attributes, or the characteristics of the data itself.

About Sotero

Sotero is a cutting-edge data security company that is revolutionizing the way organizations protect their most valuable assets - their data. Sotero delivers value beyond DSPM, it puts organizations in control beyond posture management by automatically stopping any threats or malicious activity in its tracks. With Sotero, you can unlock innovation and seize a competitive edge without compromising regulatory compliance. To learn more, visit www.soterosoft.com.

