

# The Protegrity Data Protection Platform for Cloud Security

It's very important to look for data security technology that has the flexibility to meet your organization's specific security requirements. But it's also important to find a data security vendor that won't require many future configuration changes and software and cloud services updates. A data security solution that allows your organization to easily manage security should be a priority.



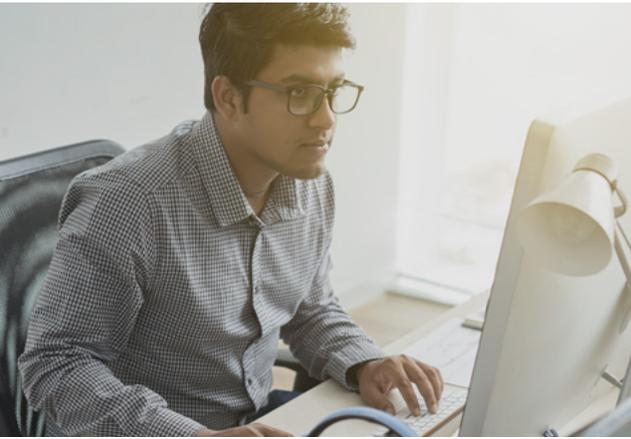
You don't have to look far. Protegrity allows organizations to manage data and risk with innovative data-centric security, whether you're protecting data in Amazon Web Services (AWS), Snowflake, Microsoft Azure, Google Cloud Platform, or SaaS applications such as Salesforce. Protegrity's easy-to-use security controls for cloud-based assets lets users decide how they want to manage security, privacy, data residency and compliance risks without affecting the transparency or use of the data. You control security, no matter where the data goes.

## Fine-Grained Cloud Security for Data at Rest, in Transit, and in Use

Enforce the fine-grained, field-level data protection of Protegrity's Vaultless Tokenization or encryption through comprehensive activity monitoring. Data is protected by column, field, or even by character without any back-end system modifications or loss in functionality.

A key benefit of this approach is the ability to de-identify data. Data de-identification differs from traditional security approaches in that it completely protects data in the cloud while allowing it to be used for analytics and other applications without any hindrance from security configurations.

Sensitive data are automatically tokenized or encrypted in place. By securing the data in real-time as it is sent or processed in the cloud, enterprises are assured that any data entered or stored in the cloud automatically adhere to rules governing sensitive data at all times. Meanwhile, users can continue to use the cloud platform normally while only authorized users can see and access sensitive data in the clear. This data-centric approach ensures that all sensitive data is protected at rest, in transit, and in use.



## Separation of Duties

Protegrity prevents unauthorized technologists, such as DBAs, programmers, or cloud administrators from accessing sensitive data in the clear by segregating security duties from systems administration. This protection even extends to the cloud service provider's administrators and personnel. Protegrity prevents disclosure of sensitive data as part of SoD objectives by separating administration from data access in the clear.



## Enterprise-wide Management

Protegrity ensures that as data moves from the cloud to your on-premises technologies, it is protected throughout its lifecycle. The data is transportable, protected, and usable as it moves from the cloud to the enterprise and back. As part of the Protegrity Data Protection Platform, cloud protection is interoperable with all other components (cloud and on-premises) to provide seamless, centralized enterprise data security, including policy management, monitoring, and reporting.

Data is transparently tokenized, and encrypted or detokenized and decrypted across any of Protegrity's gateways and protectors that span databases, big data stores, and cloud applications. This ensures that authorized users can always view protected data as it moves across environments while maintaining security. Protegrity also ensures that encryption keys always remain within your organization, not stored with your cloud provider. The platform includes Protegrity's automated key rotation and simplified key management toolkit, providing easy administration for new or legacy data.



## Unmatched Scalability And Performance

Protegrity features linear scalability and optimized high throughput, ensuring a consistent experience with any cloud service provider. The data is secured in real-time, independent of application logic and cloud service providers. That way data remains secure and usable as your organization grows to take advantage of the cloud.

To learn more about Protegrity's Cloud Migration Solution

email [info@protegrity.com](mailto:info@protegrity.com) for more info.

