

GCP Data Encryption & Tokenization

One of Edge's existing Healthcare customers recently selected Protegrity for their cloud data encryption and tokenization management solution. The customer was specifically interested in achieving cryptographic and tokenization scalability and performance efficiencies across their cloud and on-premises environments using the *Protegrity Data Protection Platform*.

The Edge consulting team began by identifying data flows and data at rest to establish the data tokenization boundaries. Diagramming data flows was especially needed since tokenizing and detokenizing sensitive data, such as PHI and PII, was particularly important to the customer. Since streamed and batch data were in scope, the Edge team looked at utilizing the Google Dataflow Service integrated with the Protegrity platform.

Since Protegrity was a new tool for the customer, Edge brought in their Protegrity experts to train the customer on the Protegrity system. Edge worked in collaboration with the customer to identify and choose the Protegrity configurations best suited for establishing the foundational encryption and tokenization management functionality. Edge documented the operational processes to meet the customer's repeatable and sustainable process objectives.

Edge was asked to provide resources to supplement the customer's team to meet operational objectives and ongoing management of the Protegrity system. In this operational support, Edge continues to identify automation opportunities and achieve automation through the creation and deployment of scripting.

The customer expressed their appreciation of the Edge team's technical encryption and tokenization expertise and keen operationalization expertise. We enjoy working with Edge not only for their technical expertise but also for their pragmatic and results-focused approach.

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Note: This customer story is based upon Anthem SOW, whereby, Supplier will provide a strategic technical depth of expertise based on experience, knowledge and research to Anthem Information Security Encryption Services Team. Additionally, Supplier will review and recommend adjustments to plan as appropriate, participate in Anthem projects.

Specifically, this service will:

- Provide expertise and guidance with various cloud services including, Azure, GCP, IBM Cloud, Oracle Cloud and Salesforce Key Management
- Provide assistance with managing enterprise encryption and tokenization within Protegrity environment
- Build, document and operationalize new Protegrity infrastructure and GCP, including Data Security Gateways, Containerized and Serverless Services
- Produce scripting expertise and output as needed