



# Privacy Preserving Computation on Encrypted Data in the Cloud

Data security concerns and regulatory compliance are top of mind for financial services institutions and these concerns have slowed the move of private data to the cloud, inhibiting data-driving innovation. A top tier bank wanted to share and distribute restricted data internally and aggregate reports and analytics based on all types of datasets. Due to legal regulations, the bank needs to pseudonymize data before moving it into the cloud. In a Proof-of-Concept, the bank worked with eperi to allow data to securely move to the cloud by encrypting data on the way out of the network using the eperi Gateway and using Azure Confidential Computing with Intel® Software Guard Extensions to allow computation of that data in the cloud in a privacy preserving manner to build a cloud-based data analytics platform.

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