Banking –
Test Data Generation

„With eperi's entirely automated test data generation, the customer saves five man-days per test cycle."

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Customer Case Study
Banking – Test Data Generation

- Meet PCI-DSS Audit
- Various data sources integrated
- Be GDPR compliant

- Eliminate five man-days work pertestcycle
- 100% automated test data generation

> Our strict compliance requirements for generating test data are met with eperi. Our various database, application and file interfaces are supported for consistent end-to-end test data generation.

Customer

International Banking Company

Project

Pseudonymization of PII and Credit Card Data to generate complex test data

Problem

A financial services provider issuing credit cards needed to **test its own software**. The **regulatory requirements** are strict and include the generation of **16-digit credit card numbers** associated with check digits, encodings and control data. In particular, Payment Card Industry Data Security Standard **(PCI-DSS)**, must be adhered to. The data needs to be secured **consistently** in relational databases, host based applications, custom applications and structured and unstructured files.

Solution

With the eperi Gateway solution, the customer can easily **generate, upload and test tokenized data** according to its own specifications in a separate cloud test environment. The eperi solution ensures that **standardized replacement values are generated** from original data meeting the varied requirements, making it testable under real conditions.

The customer is able to define its **custom tokenizers**, meeting the technical requirements for the replacement values in the corresponding custom application.