

eperi Test Data Generation

Revolutionize your software testing with automatically generated test data

GDPR, PCI-DSS and many other similar regulations around the globe have permanently changed the way personal data has to be handled. This also applies to data used in software testing and training, e.g. in:

- > Outsourcing scenarios
- > Cloud applications
- > Accounting and recruitment software
- > Custom software

Every time testers test an application, they have access to the stored information- often an unnoticed violation of applicable data protection laws. Many companies therefore maintain test databases with pseudo entries: A time-consuming and tedious job that often does not meet the flexible requirements of the testers.

Fortunately, there is a simple solution: tokenizing existing data.

3 simple Steps to secure Test Data Generation

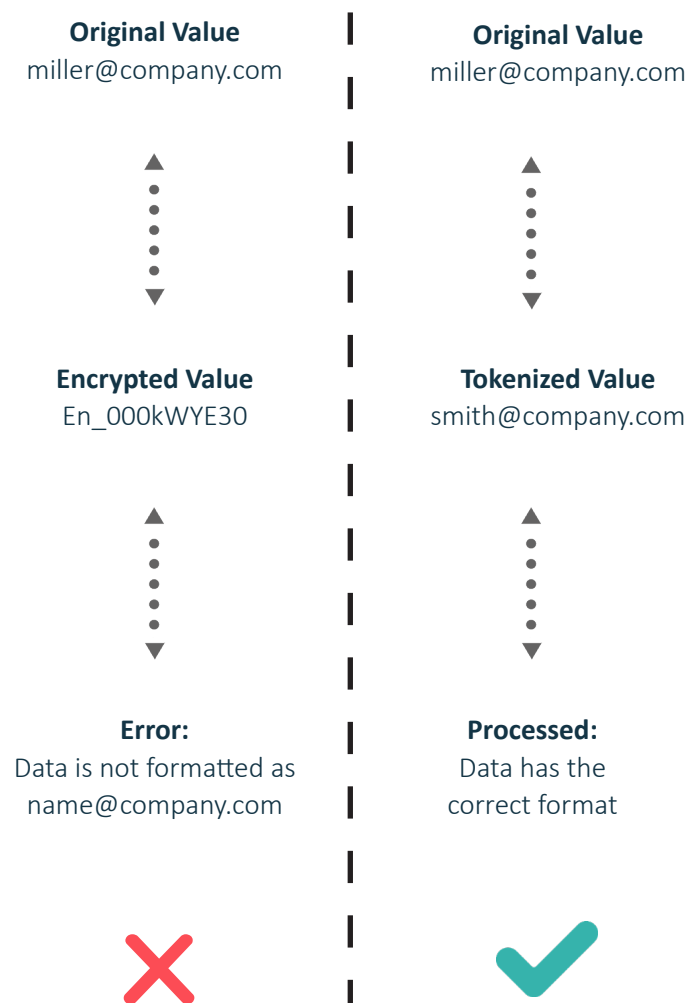
1 Determine which data in your systems is critical and must be protected, as well as the respective data format (e.g. an e-mail is always formatted as name@company.com).

2 Protect the data in your test system by replacing all critical information with identically formatted replacement values in a fully automated manner.

3 The newly generated data in your applications - with invented non-critical information- is now ready for testing.

What is Tokenization?

Tokenization exchanges real values with invented but identically formatted values. This enables security without changes to existing software and is also the key to easily generating secure test data from sensitive, real values.



The eperi Gateway

- > can tokenize single values and data sets in CSV files, databases, applications and via a programming interface.
- > can create pronounceable tokens so that replacement values are easier to use for testers.
- > can automatically assign appropriate token profiles for test data.
- > allows to customize the token profile for each data type.
- > allows to create tokenization jobs that can be processed by multiple eperi Gateways simultaneously.
- > enables jobs to be paused and resumed.
- > is a completely independent solution that does not require any changes to the applications and test systems.

How eperi revolutionizes your Test Data Generation

Quick and easy to implement: Can be controlled via API and integrated into own test tools.



Consistent test data in all systems: Databases, applications, files, interfaces.



High configurability and performance: Only sensitive data is tokenized and overhead is saved.



Regulatory and compliance requirements are easily met. Through test data that is correctly anonymized or pseudonymized.



Fully configurable tokenization; including preservation of proportions and dependencies.



Patented solution that enables custom token profiles and includes presets for numerous data types.



Data-centric security.

Away from test data for specific IT systems - towards multi-app test data.

Revolutionize your test data generation today with the eperi data protection and compliance solutions.

Contact us!

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