

## Libelle DataMasking Automated and Optimized Data Anonymization

Libelle **DataMasking** (LDM) enables to automate and optimize the anonymization of data. Thus LDM is all-purpose and independent of the application software.

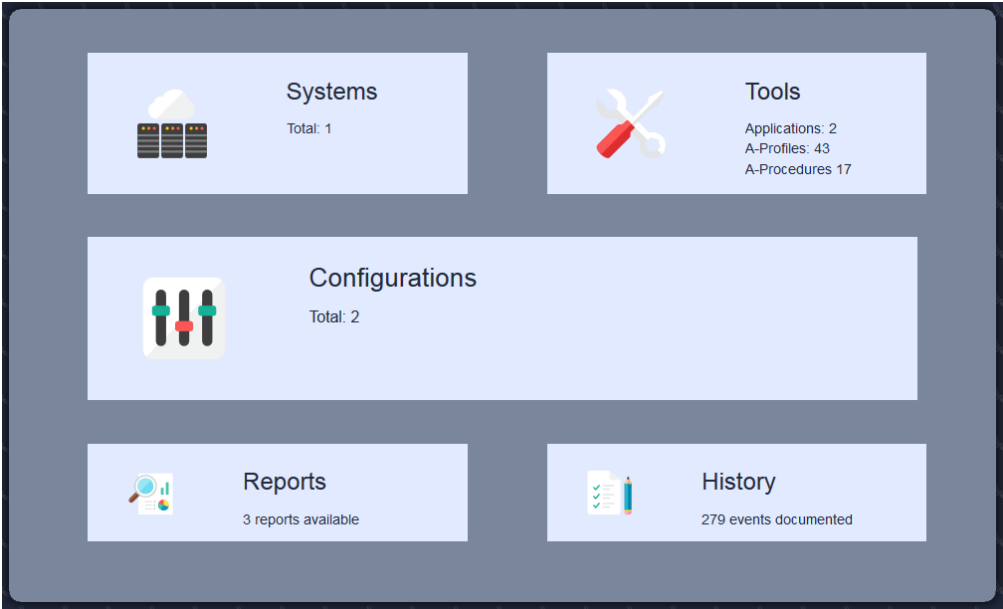
The results are anonymized and consistent data for development and testing environments across all platforms. The anonymization process provides authentic values which allow describing and testing of almost all business transactions.

Libelle **DataMasking** supports both SAP® systems and non-SAP systems.

The main features of the standard mechanisms for Libelle **DataMasking** are for example:

- Realistic-acting names for persons
- Correct postal addresses
- Unique new Personnel Numbers
- Account numbers with recalculated check digits
- Credit card numbers with recalculated check digit

In addition, individual rules for system specifications can be defined.



The screenshot displays a dashboard with the following components:

- Systems**: Total: 1
- Tools**: Applications: 2, A-Profiles: 43, A-Procedures: 17
- Configurations**: Total: 2
- Reports**: 3 reports available
- History**: 279 events documented

### Frontend Libelle DataMasking

The frontend runs on all Web browsers as it is implemented as HTML5/JavaScript.

## Masking Profiles

Predefined masking profiles include necessary attributes to fulfill internationally accepted anonymization regulations such as Payment Card Industry Data Security Standard (PCI DSS), Health Insurance Portability and Accountability Act (HIPAA) and Family Educational Rights and Privacy Act (FERP).

- Name, address, date of birth, identity number, e-mail...
- Employee numbers with retention of number ranges
- Account numbers with recalculated check digits
- Credit card numbers with recalculated check digits
- Locations with addresses from many countries

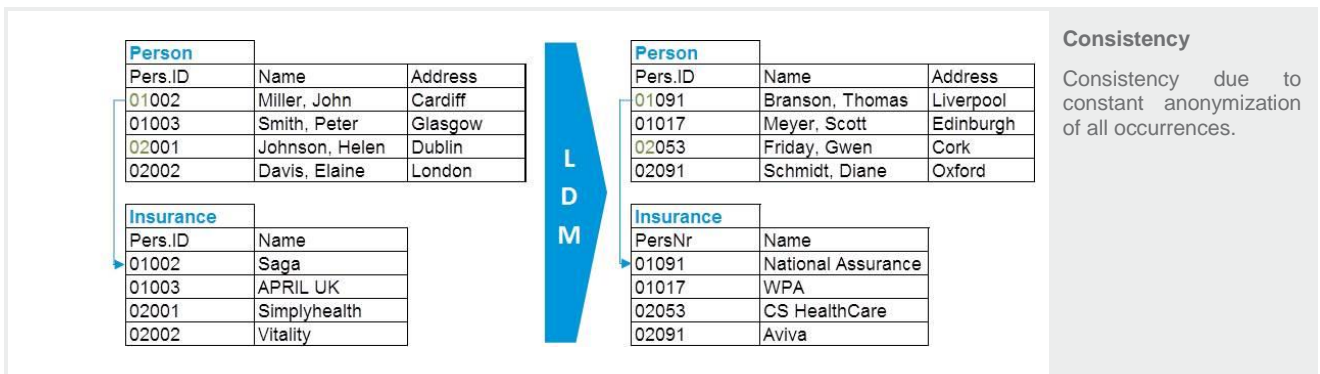
## Masking Procedures

The LDM anonymization processes results in authentic values. Company specific procedures can get added on individual bases easily.

- Name anonymization with authentic names
- Address anonymization with authentic addresses
- General and special number anonymization
- Shift of date fields for date of birth and others
- Transcribe with constant
- Delete
- Unification of ICD codes

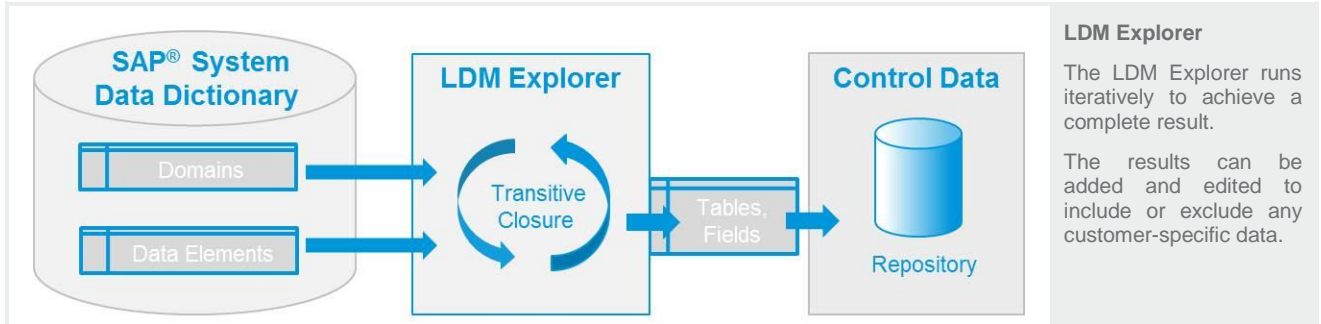
## Consistency

Due to the consistent anonymization of all occurrences of an attribute across all landscapes, all data mesh as perfectly as before the anonymization. All affected indexes get rebuilt after anonymization.



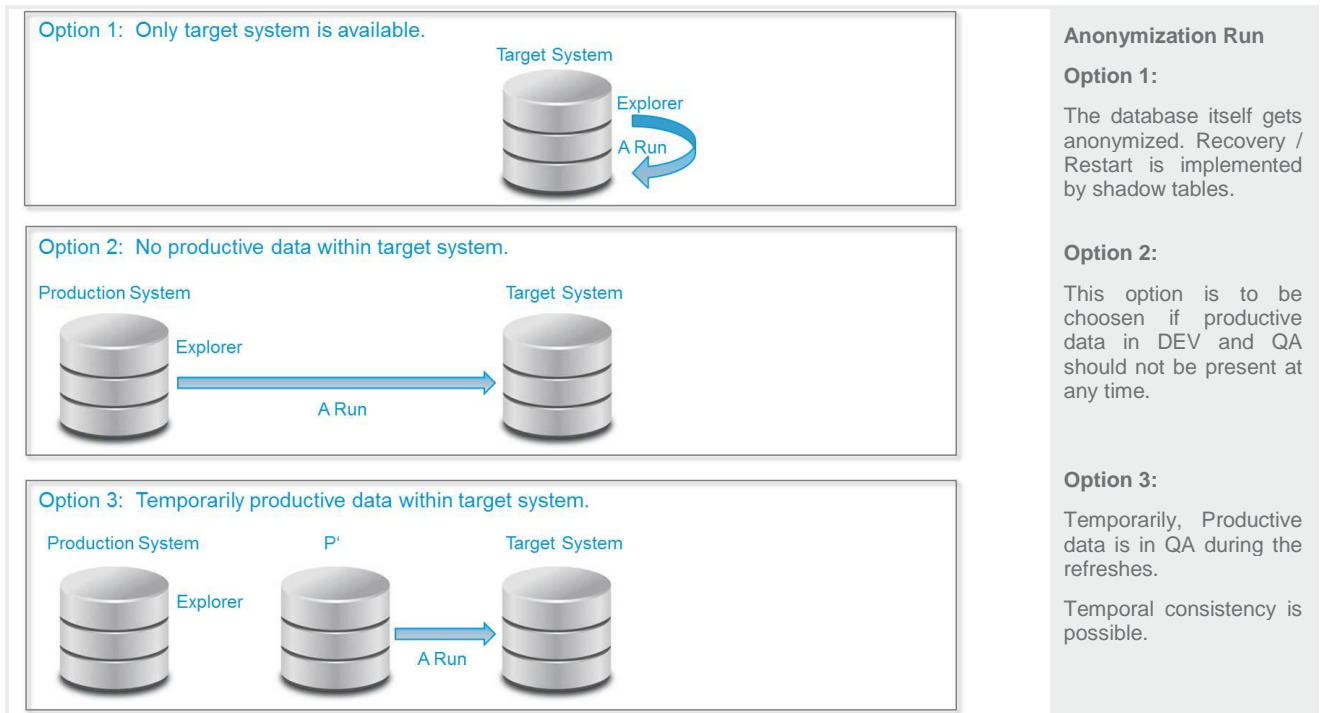
## Libelle DataMasking Explorer

The Libelle **DataMasking Explorer** (LDM Explorer) analyzes the metadata (e.g. SAP® system) for tables/fields relevant for the anonymization.



## Options for the Anonymization Run

Options to handle the LDM anonymization process:



Furthermore LDM creates variants for simulation as test and production run.

## Configurations

One or more configurations are created for all databases, files and masking profiles. They include all technical information relevant for the anonymization run. If a configuration is defined and tested, it can be used at any time for anonymization runs.

## Configuration Patterns

For SAP® Modules (HCM, FI, CO, ...) predefined configuration patterns shorten the preparation time. For other standard applications, the configuration can be created and exchanged via Libelle with other users. Proprietary applications require individual configurations.

### More Information

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