



BDM Masking and Tokenization

Protecting your data from internal and external threats

PRODUCT DESCRIPTION

BDM Data Masking and Tokenization module offers anonymization, pseudonymization, data de-identification, encryption and obfuscation. It delivers a consistent, scalable and data-centric approach. This allows you achieve your compliance requirements for GDPR, PCI, HIPAA and other data privacy regulations.

BUSINESS CHALLENGE

Businesses today operate in an environment with an increased focus on data privacy where they need to remove the risk of exposure of sensitive information, while at the same time utilizing their data to get the maximum benefit from it for their business. New regulations such as GDPR require organizations to minimize access to raw data by their employees, while the value of sensitive data ensures that the risk of loss to third parties is greater than ever. Non-compliance can result in large fines for the organizations.

Anonymization of data allows data to be used within an organization in a secure manner, while at the same time preventing any loss of PII or other sensitive data in the event of a security breach.

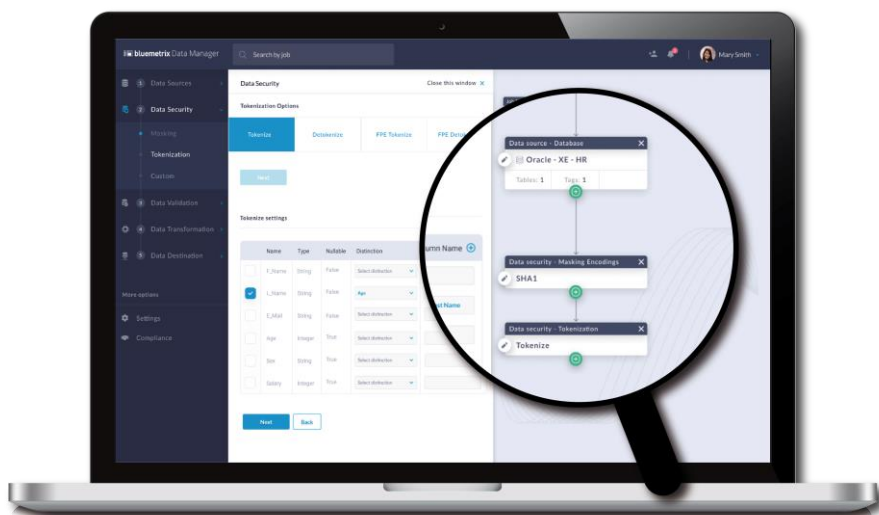
The challenge for businesses is to ensure their data is anonymized in a secure and efficient manner as possible – and this is delivered with the BDM Data Masking and Tokenization solution.

KEY FEATURES

- Execute jobs rapidly through a simple interface
- Data is transformed in-memory, leading to a more secure solution with private data on disk at destination, also offering much faster processing
- Masking and Tokenization algorithms available
- Stateless tokenization can be used to deploy a watermark methodology
- All data types and sources are supported
- Batch and Streaming options available

KEY BENEFITS

- **Secure data** – Protect your customers and your organization
- **Scalability and Availability**- enables efficient and scalable protection with different masking and tokenization choices available
- **Efficiently Minimize Compliance Scope & Cost**- Reduce sensitive data exposure while maintaining industry standard compliance, such as HIPAA, PCI DSS, GDPR etc
- **Removes the need of in-house development**- Minimize data security staff training and overheads with a common platform used for all data security applications
- **Lineage always captured** – Lineage is captured at all steps of the process



DATA MASKING

Data Masking allows different levels of security depending on the algorithm used. In most cases the masking is non-reversible and it is not possible to get back to the original state of the data.

We have 12 masking algorithms available as standard in the module, and custom masking algorithms can be developed and deployed as required.

DATA TOKENIZATION

Data Tokenization allows anonymization of data and is reversible i.e. by using a special de-tokenization algorithm it is possible to return to the original value of the data. We have implemented two types of tokenization – Stateful and Stateless – both are available in the module, it is also possible to apply distinctions to the algorithms, further increasing the encryption level of the underlying data.

TECHNICAL REQUIREMENTS

Spark V 1.x or V 2.x
Atlas V 0.8 or above

APPOINTMENT

For more assistance, you can schedule a one-to-one appointment via Skype, Zoom, WebEx or phone.

FOR MORE INFORMATION.

To learn more about BDM and the Data Masking and Tokenization module

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