Data Privacy Protection

Intelligent Data Anonymisation Platform

Ingestion | Governance | Scheme Evolution | Masking | Tokenization | Transformations | Validations | Compliance

Drive data privacy with Intelligent Anonymisation

SECURE DATA
Protect your customers and your organisation

BUILD ROBUST DATA SECURITY
Enables efficient and scalable protection with different masking and tokenization choices available

EFFICIENTLY MINIMISE 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
Minimise data security staff training and overheads with a common platform used for all data security applications

BUILT IN TRACEABILITY & LINEAGE
Prebuilt data traceability, tagging and lineage reporting capabilities for data policy adherence at all steps of the process

THE 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.

THE SOLUTION

BDM Data Masking and Tokenization 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.

MASKING

Data Masking allows different levels of security depending on the algorithm used. In most cases the masking is non-reversable 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.

TOKENISATION

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.

Deliver a consistent, secure, data-centric approach for your team

Head of Data Security

- Manage data processing consistently and securely
- Reduce ingestion, access and reporting delays by weeks
- Secure buy in by increasing quality, security and trust in your data process
- Prove, Transparent data governance procedures

Head of Data Protection

- Automatically create and execute your own data requests
- Put the controls you require around your pipelines
- Ensure your pipelines are getting the production ready data they need

Head of Department

- Increase time to value on your data
- Reduce SLA and reporting delays
- Empower your teams to access the value in your data
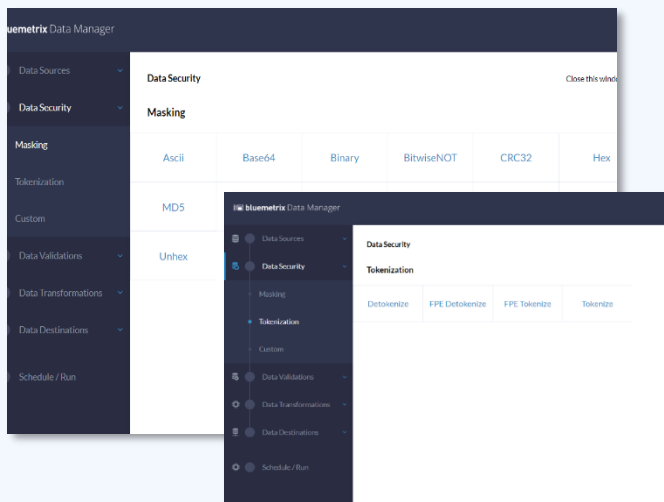
LEARN MORE

To learn more about BDM Masking data sheet, the different BDM user interface metaphors, and the entire BDM data lake engine automation platform, please visit our website at www.bluemetrix.com. There are resources available to guide you on your journey and demo request available for you to see first-hand how the platform delivers for your data pipeline project needs.

ABOUT BLUEMETRIX

Bluemetrix has been working with Hadoop since 2009 and have experience in all areas of the Stack – Architecture, Infrastructure, Security, Application Development, Deployment, Operations and Data Science. We are leaders in developing and deploying innovative solutions to deal with problems on the Hadoop Stack, with a focus on developing real-world automation solutions that removes the need for Hadoop expertise. We guarantee delivery on all Hadoop projects we undertake.