



BDM Governance and Compliance

Automatically record the Governance and Lineage of all your Data Lake activities, and define rules to enforce Compliance across all users and activities

PRODUCT DESCRIPTION

Governance and Compliance are difficult to enforce in any environment, and even more difficult to enforce in a Data Lake which has many moving parts where users can interact with the data. Traditional systems and manual enforcement required all users to record the governance of what they did on the lake, ensuring they were recording and updating their most recent activity.

This required that all users have the technical knowledge to update and maintain Governance tools and catalogues. This often resulted in users forgetting to update their actions or incorrectly coding the solution on the system. If all required actions are not 100% accurately recorded, there is a gap in your Governance and records, and it is not complete.

This is the reason why more and more companies are removing the human element from the Governance and Compliance process and automating it instead. Automation ensures all key actions are recorded correctly and at the right time eliminating gaps in the recorded data and ensuring 100% compliance.

With BDM we offer a Governance and Compliance module which provides a world-class solution for Data Lakes, by automating the following tasks:

Governance: Captures and records all actions on the data lake, ensuring these are recorded correctly at scale in Atlas, recording lineage and tagging data as required.

Compliance: Provides users with an-easy-to-use ruleset to ensure all actions are captured and stored in a manner that enforces compliance around the required regulation i.e. GDPR, HIPAA, etc.

This is all carried out in an easy-to-use GUI, where the user creates data pipelines executing the business logic they want to implement, and in the background, BDM handles all the integration and coding around Atlas. The user does not write any code and does not program any business logic around the Governance implementation – all of this is done by BDM in the background.

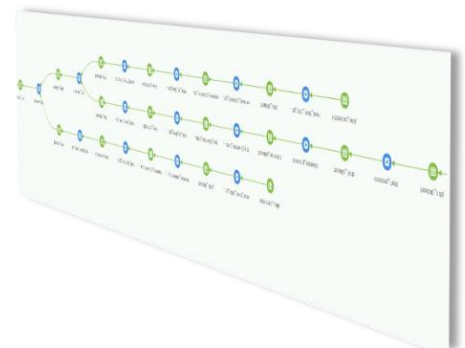
Likewise, for Compliance, the user selects the Regulation they want to enforce compliance on, selected from a pre-set menu, chose the parameters as required and compliance is then enforced and recorded automatically. BDM will carry out the selected actions in the background with no input from the user.

KEY FEATURES

- **Fast and easy** – an initial scope is carried out; we apply compliance and governance to manage your data as required.
- **Personalized** – to suit the needs of your organization or department
- **Accountability** – Our data lineage is always available every step of the way and ensures a constant trail of your data.

KEY BENEFITS

- Remove the risk of data breaches and legal problems
- Avoid Penalties
- Consistency of data throughout the enterprise. Removes the disparate data management that often exists
- Audit trail is always available for accountability and responsibility



BUSINESS CHALLENGE

Businesses today are collecting processing and storing data in unprecedented size and complexity. The regulatory environment has become more complex and onerous, with responsibility for the compliance firmly in the remit of the organization that owns the data.

The key business challenge companies face today around Governance and Compliance are as follows:

- ✓ Ensuring all data activities comply with the required regulations they are operating to
- ✓ Ensuring this compliance activity is recorded and stored in a usable manner
- ✓ Ensuring all employees and users of data are aware of their responsibilities in these areas

The BDM Governance and Compliance Module provides solutions to all these challenges.

i APPOINTMENT

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

BDM SOLUTION

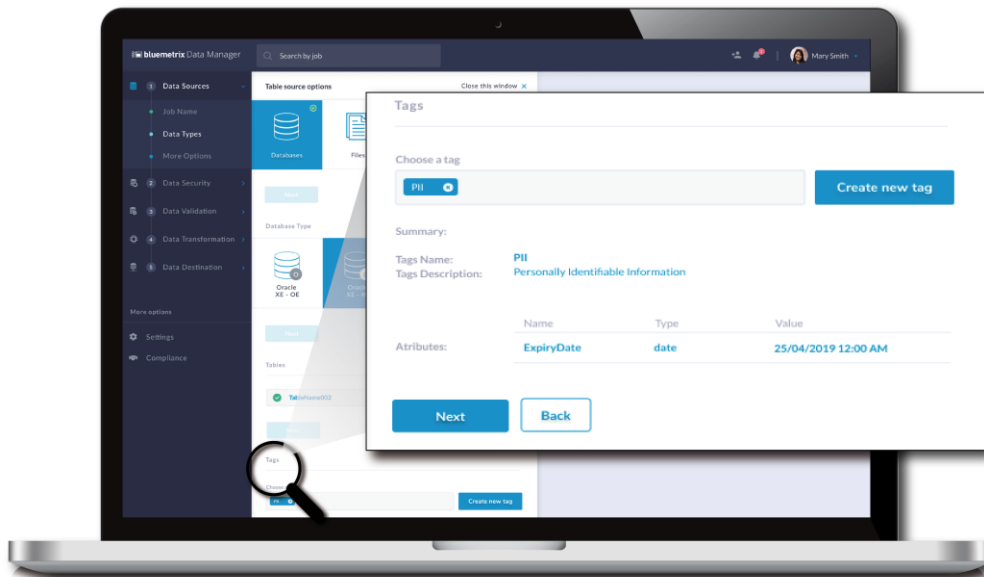
- All data activities that take place on the Lake are recorded automatically in Atlas for Data Lineage
- Data Taxonomy and Relationships can be stored and recorded in Atlas for all the data on the Lake
- All data activities can be audited as required
- All Sensitive data can be masked, anonymized or tokenized on ingest as required
- A Master data store can be created and operated on the Lake
- Data management policies (i.e. Tags, masking must be created when sensitive data is accessed) and can be programmed and enforced as required

BDM COMPLIANCE

BDM provides solutions for several different regulatory environments, and standard solutions for the following Regulations GDPR, HIPAA & BCBS 239

TECHNICAL REQUIREMENTS

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



FOR MORE INFORMATION.

To learn more about BDM and the Data Governance and Compliance module
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