bluemetrix
the data control company

Delivering Digital Transformation with Intelligent DataOps

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

BDM Control Plus, together with Control-M, delivers an intelligent data operations solution that addresses your organisation's data procedure requirements to ingest, govern, mask, transform and deliver production-ready data to your business.

FULL JOB VISIBILITY WITH AUTOMATION

All stages of the pipeline are accessible, thus reducing the pipeline failure rate.

MAINTAIN GOVERNANCE AND LINEAGE OF DATA

BDM records the lineage of all actions that are taken on the data. Meta Data tags is added automatically within the pipeline which can then be tied to access policies allowing further control of the data.

ALL MAJOR DATA SOURCES AND DESTINATIONS SUPPORTED

Connectors are available for all major data types (Files, DB, Streams) and sources/destinations (CSV, JSON, Oracle, Teradata, Kafka, Spark Structured Streaming, etc.), allowing any data type and source to be processed.

INTELLIGENT ANONYMISATION FOR SENSITIVE DATA

Masking and Tokenisation capabilities ensure your data is protected throughout the pipeline creation, while also ensuring the anonymization is reversible if required.

ACCELERATE TIME TO INSIGHT

Create data pipelines in minutes rather than days or weeks, allowing data scientists and users to extract value and insights from their data in a timely and relevant manner.

CHALLENGE

Businesses must rely on their decision-making capabilities to innovate and go to market faster to compete and lead in their industry. According to Ovum, poor data can cost businesses at least 30% of revenues. Many organisations have focused on their Analytics and ML capabilities over the last few years ignoring the "data supply chain".

We find organisations are still struggling to understand the value of streamlining their data operations process due to a lack of awareness coupled with fewer resources. Up to 60% of the time and effort spent creating manual data operations processes can be automated, reducing data time to value from weeks to days.

1. Slow Ingestion & low data load frequency
2. No data or access tracking lineage for governance
3. The high pipeline failure rate
4. Manual error prone process
5. Poor data quality

BDM customers benefit from the ability to create automated 360° data procedures to address data governance policies.
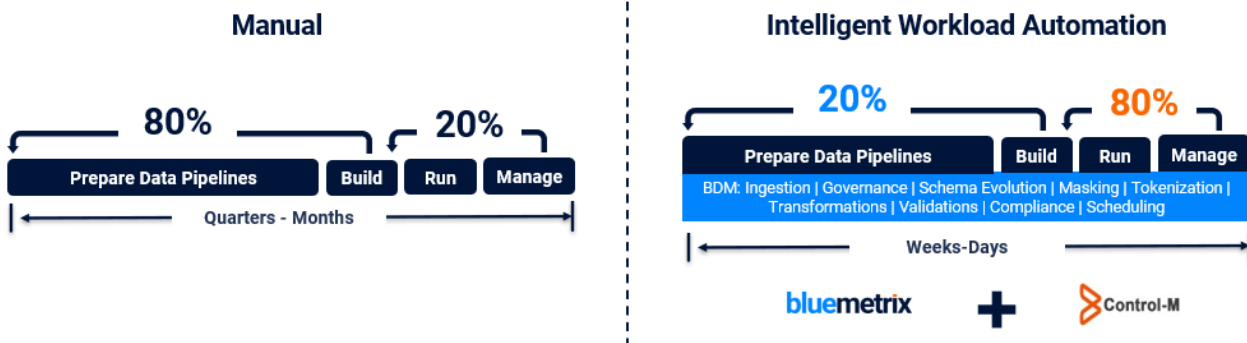
THE SOLUTION

Control-M allows you to manage your data at a File or a Table level. Control-M + BDM enables you to manage your data at a Record and Row level, thus providing you with greater access to your data. With this greater access to your data, BDM also brings you enhanced functionality around validation, transformation, anonymization, and governance.

This enhanced functionality can be applied at a record and a row level, thus allowing you create more complex and richer pipelines while at all times using Control-M to schedule and control the functionality as it is applied to your data. In this way you can ensure that the same enterprise level controls that you apply to your workflow operations are also applied to your data operations.

Business users, for the first time, can create pipelines using a simple GUI. All the underlying complexity is removed allowing your users to be truly data driven in a self-service manner with full auditability for compliance.

UNLOCK YOUR INTELLIGENT DATAOPS OPPORTUNITY WITH BDM AND CONTROL-M

Manual

80%
Prepare Data Pipelines

20%
Build | **Run** | **Manage**

Quarters - Months

Intelligent Workload Automation

20%
Prepare Data Pipelines
BDM: Ingestion | Governance | Schema Evolution | Masking | Tokenization | Transformations | Validations | Compliance | Scheduling

80%
Build | **Run** | **Manage**

Weeks-Days

bluemetrix + Control-M

Building data pipelines is the bottleneck to delivering data to users. Automation will deliver higher quality & quantity of pipelines requiring more Control-M to run those jobs.

HOW IT WORKS

1. Kick off data pipeline job by ingesting data from your enterprise data sources via BDM data ingestion.
2. Data Governance incorporated into BDM via the use of Meta Data Tags and Atlas, ensuring full user traceability and compliance enforcement with current data access policies.
3. Validate the accuracy and quality of all data as it moves within any data lake, the completeness and integrity of the data.
4. All Masking and Tokenization of data is done in-memory, while preserving all the data formats.
5. Provide 100+ ready-made transformations that can be incorporated into any level of pipeline.
6. Select Destination to store the output from the pipeline.
7. Schedule and run the pipeline with Control-M by delivering scalable pipeline to end user.

" **The BDM platform offers us the opportunity to harvest the value in our data and share our data with confidence."**

CDO, LARGE BANK PORTUGAL

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.