

# Self-service Data Preparation Solution for Analytics

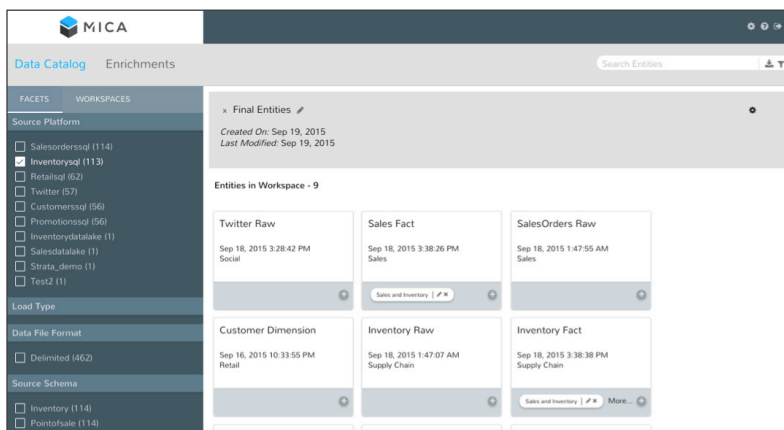


Historically data preparation has been an IT function where business analysts provide their requirements and IT builds and executes the transformation. Today enterprises want to modernize their Big Data architecture and shorten data preparation time so that data scientists and business analysts can be more productive.

Mica provides the on-ramp for self-service data discovery, curation, and governance. Mica provides business users with the needed tools for interactive and visual data preparation. Mica leverages Bedrock for the data organization, metadata management, and operationalizing the execution of logic on the Hadoop cluster.

## Enterprise-wide data catalog to explore and curate

Mica provides an enterprise-wide data catalog that is easy to explore and search for datasets. This allows you to see sample data to ensure you are interacting with the right data set. It also facilitates data curation, allowing you to contribute valuable business information to entities to improve search and usage.

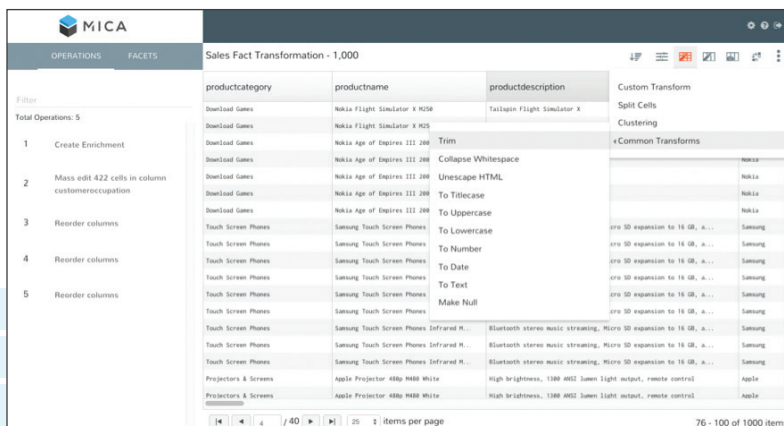


## Benefits of Mica:

- **Data visibility across the enterprise:**  
Mica provides an easy to use data catalog across your enterprise (across multiple Hadoop clusters) that is faceted and searchable.
- **Improved time to analytics:**  
Interactively transform your data to reduce preparation time and interact with sample data to detect patterns and outliers.
- **Operationalize your transformations:**  
Push your transformation to Bedrock, our Hadoop data management platform, which manages and automates monitoring, scheduling, notifications etc. It allows you to leverage the Hadoop cluster to run your transformation on Big Data.

## Self-service data preparation to reduce time-to-analytics

With Mica you can create transformations interactively based on sample data. These can then be applied by pushing the transformation to the actual data via Bedrock. Bedrock manages the monitoring, scheduling, notification, and history of that transformation.



# Integrated Data Management Platform for Hadoop

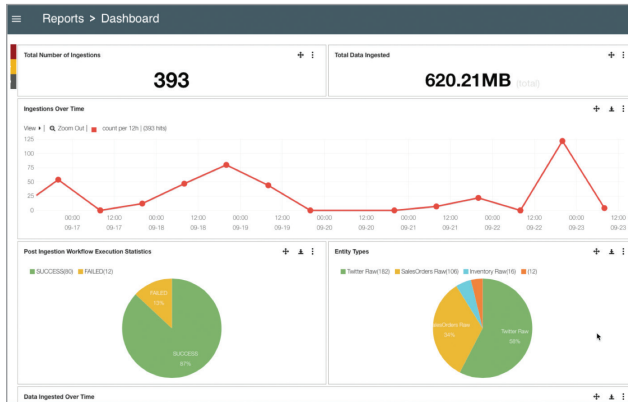


To realize value from an enterprise data lake and the powerful, but ever-changing ecosystem of Hadoop, you need an enterprise-grade data management solution. Zaloni's Bedrock is the industry's only fully integrated Hadoop data management platform. By simplifying and automating common data management tasks you can focus your time and resources on building the insights and analytics that drive your business.

## First Things First

*Ingest vast amounts of data - from any source - with ease*

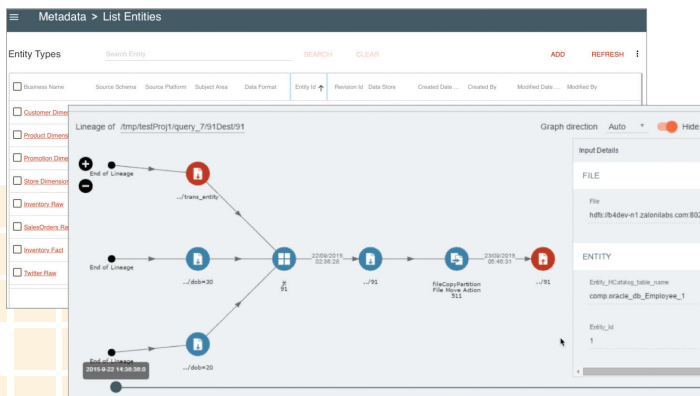
Bedrock makes it easy to ingest data into the data lake - regardless of volume. With Bedrock all steps of data ingestion are defined in advance, tracked, and logged. The process is repeatable and scalable. Configure Bedrock to automatically pick up incoming files, tag them, even run transformations. Streaming ingest is supported.



## Metadata Matters

*Improve data visibility and reliability*

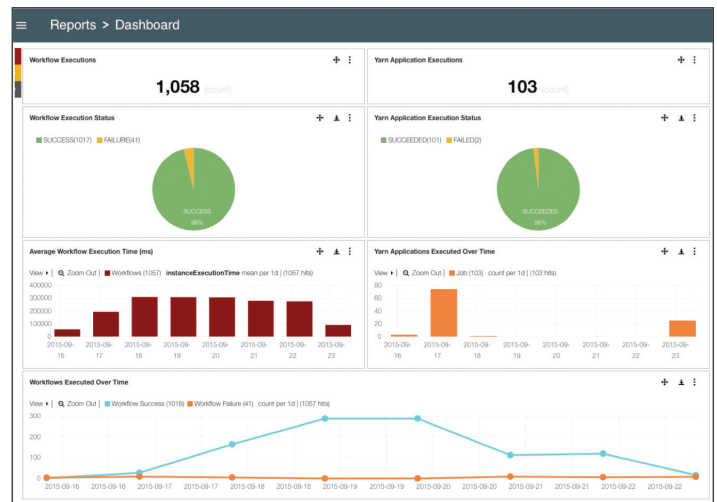
Bedrock makes it easy to organize and manage data, regardless of volume. It captures operational, technical, and business metadata. You can search, browse, and find the data you need for analytics, reducing your time to insight. Additionally, with file and record level watermarking, you can see data lineage, where data moves, and how it is used.



## Data Ready

*Orchestrate and automate data preparation*

Bedrock simplifies data preparation by orchestrating workflows that deliver data security, quality, and visibility. Bedrock enables data tagging, masking, and tokenization. It allows you to convert data formats and orchestrate complex workflows to integrate updated or changed data.



## Benefits of Bedrock:

- Improve data visibility
- Ensure data reliability and quality
- Safeguard data privacy
- Leverage the full power of Hadoop
- Choose your distribution and deployment model