



Let's Solve

mosaic catalog



## Datasheet

# Discover and Manage all your Enterprise Intelligent Assets

Powerful Metadata-driven Cognitive Discovery to find, explore, collaborate & consume enterprise data & analytical assets - contextually providing a single view.

#CognitiveCatalog #SelfserviceDataConsumption #DataPortal  
#DataAsAService #ReportCatalog #HybridCatalog #Catalog  
#InformationDiscovery #Collaboration #DataGovernance  
#IntelligentCatalog #FederatedDataConsumption

## Accelerating Journey To Be Data Driven

The bond between employees and data has radically evolved with time. Data is diverse, and distributed across many different departments, applications, data lakes, data warehouses (on-premises/ cloud). This makes it a challenge to know exactly what data you have and where. However, with Big Data, things get even more complex.

A typical breakaway enterprise understands that the first step to become a data-driven organization is knowing and managing your data assets. For efficient data to insights, it must bring all data-savvy users closer to the data.

LTI's Mosaic Catalog is designed for such data-driven enterprises. It creates a catalog of all intelligent assets - with a simple, intuitive & contextual interface for each persona. It enables a faster multi-faceted asset discovery, exploration of disparate assets and seamless integration for persona-specific downstream activities.

## Empowering The Data Discovery To Consumption Process

### Enterprise Data Discovery

Powerful discovery engine to search across variety of data assets

### Hybrid Cloud-ready

Catalog metadata from different clouds to provide one single view to the user community

### BI Report Catalog

Catalog of BI reports for easy discovery of reports and dashboard

### Intelligent Cataloging

Leverages ML for smart cataloging features such as tagging, recommendation & relation

### Virtual Data Mart

Single view for structured, semi-structured & unstructured data

### Self Service Data Consumption

Allows to write queries on the disjoint data sets, keeping data, where it actually lives, with no IT intervention

### Data-As-A-Service

Data portal for self-service data consumption

### Data Governance

Right access to right people with the governance around

## Product Features -

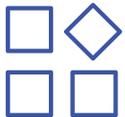
Cognitive Discovery | Intelligent Cataloging | Collaboration | Self Services



### Catalog all Enterprise Heterogeneous Assets

A wide range of connectors to catalog the metadata of structure, semi-structure and un-structure data, thus providing a single view of an organizational assets for faster discovery.

Data	Listing of metadata from any RDBMS, NoSQL, FTP/SFTP systems
Reports	Storing of BI reports and visualizations from any BI reporting tools like Cognos & Power BI
Document	Classification of documents like XML, JSON, PDFs, DOC & DOCS
APIs	Registry of all internally created Data APIs
ML/AI Models	Registry of all all enterprise wide ML/AI models
Enhanced Business Views	Visibility of assets cataloged in a hierarchy providing insights on business domain



### Cognitive Discovery

AI-driven powerful search engine to discover data assets across an enterprise.

Facets & Semantic search across all assets	Powerful facets and contextual search available across assets for faster discovery.
Explore Data, Profile & Sample Records	Detail study of the metadata using sample data and data profiling with various quantitative and qualitative parameters.
Pin & create favorite list of discovered assets	Facility to pin frequently used assets for quick reference and create a favorite list of assets.



### Auto Register

Feature to connect any Data source like RDBMS, NoSQL, BigData, Cloud, FTP/SFTP and any BI Reporting tool to publish & maintain the metadata easily.

Connect & Publish  
from multiple sources

Availability of wide range of connectors to receive the metadata from various sources like RDBMS, NoSQL, Cloud, Big Data, BI Reporting, FTP/SFTP, etc.

Auto Publish

Auto maintenance of newly added assets at source to keep the catalog up-to-date and in sync with the source.

Auto Sync

Auto sync of existing assets in the catalog with changes done at source files.



### Intelligent Cataloging

A guided and smarter search experience that lets users discover & explore data & analytical assets quickly.

Auto Tagging

Identify suitable tag(s) at asset & granular level with the help of advanced cognitive engines.

Auto  
Recommendation

Provide relevant suggestions based on data asset popularity, contents, user preferences and data asset preferences.

Auto Relationship

Mine & establish connections among data sets to support discovery of similar or related assets in the catalog.



## Robust Collaboration

A platform for collaboration across various entities of an organization for providing inputs and sharing their data assets.

### Feedback & Rating

Giving review comments and ratings to data assets.

### Collaborate to share data assets

Sharing metadata in a collaborative way within the organization using an appropriate access request flow.

### Expert Discussion Board

Help Desk for clarification of doubts or questions specific to data assets.



## Self-service Consumption

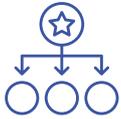
Facility of self-service consumption of data for various downstream activities such as Machine learning, or BI reporting, or creating Data-APIs.

### Federated Query

Distributed query capability across different RDBMS systems with the 'Save Query Result' feature.

### Data as API

Data can be exposed to a third-party application outside the catalog in a secure & governed way, by creating & exposing specific Data APIs.



## Governance

Facility of access-control for data assets based on persona and workflow for metadata management.

<b>Meta data Management</b>	One-stop location to maintain organization's metadata with proper controls & restrictions.
<b>User Management</b>	Create & manage Group(s), Role(s) and User(s) with the capability of integration with SSO/LDAP/AD of the organization.
<b>Persona Base Access</b>	Creation of persona-based access for Data Citizen, Data Owner, Data Stewards in the system to support access control for different categories of users.
<b>Access control workflow</b>	Availability of multi-hierarchical access approval flow for appropriate access authorization.
<b>Business Glossary</b>	Domain-specific business glossaries providing a common business language in the form of business terms to be associated with assets for faster and efficient discovery.
<b>Maintain Business Glossary</b>	Introduce business taxonomy in the form of tags, categories & sub-categories to be associated with assets for faster and efficient discovery.
<b>Expert</b>	Expert association with an asset for catalog users to clarify their doubts using the Discussion Board feature.
<b>Notification</b>	Single place where all notifications, specific to the logged-in user, are displayed for the ease of taking actions.
<b>Data Quality Dashboard</b>	Dashboard offering advanced data quality statistics to help build trust in data for a user persona

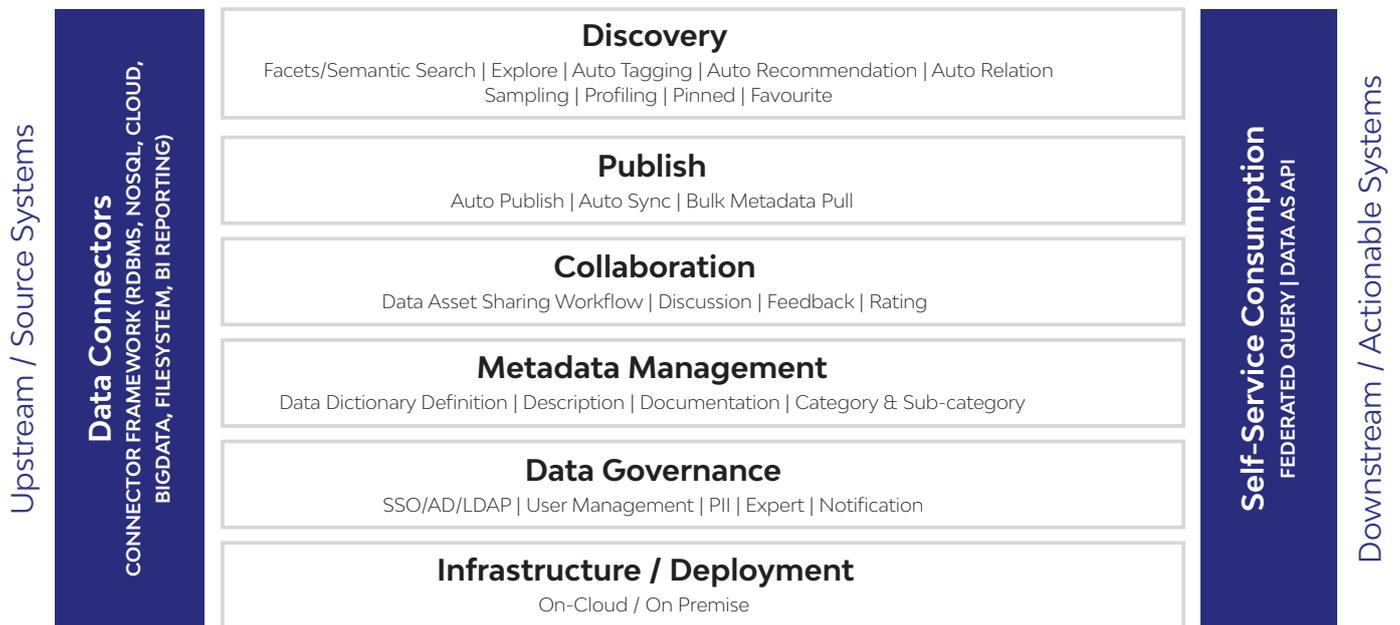


## Scalability

Scalable system to support unlimited assets and flexible pricing for a specified number of users with the subscription and the environment for deployment.

<b>Cataloged Assets</b>	No limit to the number of assets that can be cataloged, provided the supported hardware configuration is available.
<b>Users</b>	Only 25 users' access is provided with the subscription which can be increased with the additional annual extra charges.
<b>Environments</b>	The annual subscription licensing is inclusive of installation on any number of environments.

## Product Architecture



## Deployment Options

Flexibly deploy on cloud or on-premises

