

iFusion™ Standard

A data management platform with an AI/ML studio that helps with data wrangling, model development, and analytics solutions building

Introduction

iFusion™ Standard perfectly fits the needs of ISVs and product companies looking to create AI-enabled products across any industry. It accelerates product development with easy-to-integrate and enterprise-ready data, analytics, and AI components that support both on-premise and cloud deployment.

It helps enterprises starting their intelligent transformation journey to leverage the power of data by creating AI and analytics solutions with simple data landscapes. The platform deals with several GBs of data volumes, primarily involving structured data or logs. However, when businesses decide to step up their game, it is easy to upgrade to our Enterprise edition.

Key benefits



Go to market faster and cheaper with secure, easy-to-deploy, and enterprise tested components



Gain extensibility as the platform is open for integration and customization across all features



Get complete access to source code to freely distribute the product without any licensing concerns



Achieve scalability with distributed processing and microservices approach for data management



Avoid vendor lock-in as the platform is built on open source technologies and is agnostic to any cloud

Features



Collectors

Collects data from typically single or few enterprise sources and external sources(enterprise applications such as ERP, CRM, SCM, IoT pipelines, Logs)



Processing and storage

Processes the data in ELT mode to land data to an optimized general-purpose store that can hold data and support processing in batch mode



Services

A microservices approach to data to atomize data journeys and achieve scalability through distributed processing



AI/ ML engine

An easily usable and deployable Work Space for AI/ ML written in Python/ R etc. with Deep Learning environment support



In-built data preparation and advanced analytics algorithms

Provides a rich set of algorithms that help in predictive and descriptive analytics and also allows you to add your custom algorithm and use it in the workflow



Job workflows, sequencer, and task management

Enables sequencing various tasks, executes them in a manner specified by the user, and monitors the status of the workflow to take corrective action



Scheduler and orchestrator

Allows you to configure when and at what intervals to execute various jobs and works behind the scenes to coordinate the sequence and flow of jobs



User management and role based access

Integrations for SSO and AD/LDAP authentication with the ability to synchronize users from AD/LDAP GUI to manage data and monitor



Metadata management

Rich metadata repository server which combines catalog information from all sources in one server, providing a unified view of the data

About iFusion.ai™

iFusion.ai™ is an autonomous AI platform that accelerates the application of AI, ML, and analytics for businesses in the cognitive era. It powers full lifecycle AI management from data exploration to modeling to production, addressing key challenges of maintainability, scalability, and governance with DataOps, MLOps, ModelOps, and Edge Analytics. It enables enterprises with self-driven and sustainable AI adoption for intelligent decision-making. It equips ISVs with a plug-and-play platform that would provide the foundational components and expedite the development of AI and analytics aspects into their product.