

# Data Onboard Express

Accelerate Your Data Onboarding by 60%

## About Ascendion

Ascendion is a leading provider of AI-first software engineering services, combining technology and talent to deliver tech debt relief, improve engineering productivity, and accelerate time to value, delivering from the US, Canada, Mexico, and India.

**Engineering<sup>AI</sup>** comprises of more than 10 engineering studios, Ascendion AVA+ that leverages AI to accelerate software development, optimize costs, improve quality, and deliver predictable outcomes.



## Challenges

As data volumes surge and new sources continuously emerge, businesses are finding it increasingly difficult to manage and maintain their data ecosystems. Onboarding data assets is not only time – consuming and costly, but also riddled with inefficiencies, causing delays in turning raw data into actionable insights. Fragmented data management standards and design practices lead to further complications, making it hard to maintain consistency across the Enterprise and slows down innovation. Additionally, inefficient compute and storage utilization in cloud-based services inflates operational expenses.

## Data Onboard Express (DeX)

Unlock rapid data onboarding into your data lakes and cloud data warehouses with **Ascendion's AVA+ Data Onboard Express (DeX)**. DeX empowers enterprises to seamlessly ingest and validate data using metadata-driven processes, GenAI-assisted validation, and configurable orchestration—boosting productivity and reducing Total Cost of Ownership (TCO).

## Success story



A **global retailer built their Enterprise Data Platform** with Synapse Analytics. Ascendion's AVA Data Onboard Express (DeX) leveraging Azure services ADLS, ADF (Synapse Pipelines) enabled rapid data ingestion into the data lake from 7+ data sources delivering insights to business with quicker turnaround time

- ❑ **Metadata-Driven Ingestion:** Simplify data ingestion from various formats—including flat files, databases, and APIs — using schema-independent metadata tables.
- ❑ **Configurable Orchestration:** Optimize workflows with dynamic data extraction, low-code generation, and parallel instance orchestration.
- ❑ **GenAI-Assisted Data Validation:** Enhance data quality with AI-powered validations using SQL or Python-based rules.
- ❑ **Real-Time Integration:** Achieve seamless, real-time data integration & comprehensive validation across multiple sources.

## Key Capabilities

## Value Proposition

- ❑ **Accelerate Onboarding:** Reduce data onboarding time by up to 60%.
- ❑ **Simplify Maintenance:** Lower maintenance efforts with low-code solutions & AI-assisted validations.
- ❑ **Improve Scalability:** Easily handle increasing data volumes and sources.
- ❑ **Reduce TCO:** Optimize resources and cut costs through efficient data processes.

## Get Started Today

**Now available on Azure Marketplace**, DeX supports Azure Data Factory, Synapse Pipelines, Fabric Data Factory, and Airflow. Deploy and run DeX seamlessly within your Azure environment for faster, more efficient data onboarding. **Experience a quick pilot solution in four weeks.**