



ANALYTIC
VIZION

From Proof of Concept to a Scalable Multi-ERP Data Platform

A global industrial manufacturer partnered with Analytic Vizion to establish a scalable foundation for consolidating data from multiple enterprise resource planning (ERP) systems.

“This work was about more than connecting data from multiple ERP systems. We partnered with the client to turn a promising proof of concept into a scalable, Azure-native foundation, so their team can bring more operational data into Snowflake with a consistent, repeatable approach.”

ANGEL LAZO-GONZALEZ
Lead Analyst

THE CHALLENGE

A global industrial manufacturer needed to consolidate operational data from multiple ERP systems across regional environments. **Fragmented data sources, source-specific integration work,** and an initial proof of concept that did not align with its **Azure-native strategy** made it difficult to establish a consistent foundation for reporting, analytics, and future Salesforce Data Cloud activation.

With **key platform dependencies unresolved**, leadership needed a repeatable ingestion and transformation pattern to **reduce manual work, standardize data,** and treat ERP information as an enterprise asset rather than a series of disconnected projects.

TOOLS & TECHNOLOGY



OUR APPROACH

Analytic Vizion first built a proof of concept for this global industrial manufacturer, demonstrating how data from multiple ERP environments could be consolidated in Snowflake. With the approach validated, the team is now helping the organization support and scale the foundation through an Azure-native architecture, standardized data models, and repeatable ingestion patterns.

- Re-established Snowflake and dbt Cloud to support scalable transformation and pipeline development.
- Replaced the original Fivetran-based approach with an Azure-native architecture using Logic Apps, Blob Storage, Data Factory, Snowflake, and dbt Cloud.
- Built standardized pipelines and models for multiple ERP data domains while automating email-based file ingestion to reduce manual file movement.

THE RESULTS

Multiple ERP environments now follow a standardized ingestion and transformation framework in Snowflake. **Four ERP-related data domains** were completed or advanced with reusable pipelines and data models, including Veridian, X3, Oppen, and Oppen Open Backlog.

The team also established an **Azure-native platform pattern** across Logic Apps, Blob Storage, Data Factory, Snowflake, and dbt Cloud. Automated email-attachment ingestion reduces manual file movement and provides a repeatable approach for future file-based feeds.

This foundation gives the organization a clearer path to support and scale additional ERP integrations without rebuilding data pipelines from scratch.

