

COVENANT TECHNOLOGY PARTNERS CASE STUDY



*Accelerating Data Integration
with a Centralized Hub*

Data & AI

BUSINESS PROBLEM

This leading logistics company faced significant challenges in integrating their existing systems with a new data platform. They needed a comprehensive data architecture and sequencing plan, formalized data ownership and governance, and effective user training and post-implementation support to ensure smooth operation. The primary goal was to enable accelerated data integrations while unlocking strategic value.

The company needed insights into:

- **Integration:** How to effectively integrate the new data platform with existing systems.
- **Data Architecture:** Defining a comprehensive data architecture and sequencing plan.
- **Data Governance:** Establishing data ownership, decision-making processes, and governance views.
- **User Training:** Training staff to use the new data platform efficiently.
- **Post-Implementation Support:** Providing ongoing support to address any issues that arise after implementation.

OUR OBJECTIVE

The primary objectives were to establish a data hub and land operational data into a centralized storage as the foundational layer of the architecture. This involved defining data architecture and sequencing, formalizing data ownership and governance, and provisioning the necessary capacity.

OUR SOLUTION

The solutions involved conducting an overview and business education on the architecture models and data hub, facilitating discussions regarding data, application, and BI architecture plans, completing high-level diagrams, and establishing a roadmap beyond the initial scenario. Additionally, the project included establishing data user personas, validating and endorsing data user personas, levels of control and access, establishing data labeling categories and related sensitivity, and facilitating discussions regarding the data ownership matrix. The project also involved provisioning the necessary capacity, landing data in the centralized storage (operational data), and building the data asset.

THE RESULTS

The new data platform enabled accelerated data integrations and unlocked strategic value. The project resulted in a comprehensive data architecture and sequencing plan, formalized data ownership and governance, and a centralized data hub with operational data landed in the storage. The project was completed within the estimated 6-7 weeks, and the client was provided with detailed training sessions and post-implementation support to ensure smooth operation.

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