

COVENANT TECHNOLOGY PARTNERS CASE STUDY

WHOLESALE

Modernizing Data Integration for a Wholesale Company

Data and AI

BUSINESS PROBLEM

A wholesale company faced significant challenges due to the deprecation of the 'Export to Data Lake' feature in Microsoft Dynamics 365 for Finance and Operations (D365 FO). This feature managed the data integration for D365 FO, and its deprecation threatened to disrupt the company's data integration processes. The company needed to transition from the deprecated feature to a new solution to ensure continuity and efficiency in their data integration.

Specifically, the company needed insights into:

- The impact of the deprecation on existing data integration processes.
- The requirements for transitioning to a new data integration solution.
- The configuration and deployment of the new solution.
- The integration of data from D365 FO and D365 CE.
- The maintenance of seamless data flow between systems.

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OUR OBJECTIVE

The primary objectives of this engagement were to address the deprecation of the 'Export to Data Lake' feature by replacing the existing data integration processes with a solution utilizing Microsoft Fabric and Fabric Link for Dataverse. Covenant Technology Partners aimed to establish a Microsoft Fabric environment, integrate data from D365 FO and D365 CE, and ensure continuous, near real-time data flow between these systems. The goal was to provide a functional replacement for the deprecated integration without expanding the company's existing analytics capabilities.

OUR SOLUTION

Covenant Technology Partners provided a comprehensive set of solutions to address the business problem. We provisioned the necessary Azure resources to support the replacement integration, including creating a dedicated resource group, deploying required services, and configuring these resources according to best practices. The integration of data from D365 FO and D365 CE was migrated to Microsoft Fabric, involving the refactoring of current data pipelines and implementing Fabric Link for Dataverse. The engagement was supported by comprehensive project management practices, including the establishment of a project plan, regular status reporting, kick-off meetings, and architectural oversight. This ensured the successful delivery of the engagement, focused on maintaining the company's data integration processes.

THE RESULTS

The engagement led to several positive outcomes. The wholesale company experienced a seamless transition from the deprecated 'Export to Data Lake' feature to the new Microsoft Fabric-based solution. This ensured the continuity of their data integration processes without any disruptions. The collaboration between Covenant Technology Partners and the wholesale company improved, fostering a strong partnership. The flexible and cost-effective support options met the client's needs and budget. The implementation of Microsoft Fabric and Fabric Link for Dataverse allowed for more accurate and timely data integration. The comprehensive project management practices ensured that the project was delivered on time and within scope. Overall, the engagement was successful in addressing the business problem and achieving the objectives set forth in the SOW.