

Talent Solutions to Utilize Supply Chain Data to Improve Efficiency

The Challenge

Over the last few years, the client has acquired several new territories. These acquisitions have highlighted the glaring efficiency and cost-redundancy issues associated with a lack of available supply chain data. Batch processing ran from 12 a.m.-8 a.m. daily, and the client could not afford to make any changes that would elongate the process. The client desperately wanted to accurately analyze and aggregate the data to provide the information they needed to reach their goals but were concerned that the only solution would be to create an entirely new system from scratch. They were seeking alternative solutions that would be less of an investment, but still yield the desired results.

The Solution

As a standing trusted partner, Eliassen Group was asked to help achieve these goals. We deployed consultants specializing in Azure, supply chain, and data analytics who could produce the desired results for a fraction of the estimated price and in a shorter amount of time. The team devised a plan to alter the current system to better showcase the supply chain and demand planning data without having to build a new system from scratch.

The Result

Instead of building an entirely new reporting system, our consultants resolved the issue by using an on-premises system to implement Azure Data Factory and add limited modifications to the client's current environment. This made the desired statistics accessible, but also cut average data processing time from 8 hours to 40 minutes per night. The

The Client

Independent Soda Distribution Company

This client is the largest independent soda bottler in the US. The company makes, sells, and distributes 250+ brands and flavors in a wide variety of package types and sizes.

Highlighted Results

- Data processing time decreased from an average of 8 hours to 40 minutes per night
- Client avoided a time-consuming and costly new system
- The solution cut costs and produced the desired statistical results

The Result [continued]

client was highly satisfied with the minor investment they made to incur maximum results. We provided a long-term, cost-effective solution that will provide positive business outcomes for the client for many years to come.

Tools Used

- Azure Cloud
- Azure Data Factory
- Microsoft SQL Server
- SQL Server Integration Services
- SQL Server Reporting Services
- SQL Server Analysis Services
- Microsoft .NET
- C#, Microsoft Tableau
- JDA
- Oracle PL/SQL

Consultants Deployed

- Azure Cloud Implementation
- Project Management
- Project Coordination
- Business Analysis
- Quality Assurance Testing
- Software Architecture
- Software Development
- Data Integration
- Data Analysis
- Business Intelligence