

Tiger Analytics enabled a top snack food brand to boost supply chain efficiency with an analytics-rich order tracking system

Tiger Analytics developed and deployed a solution that integrated different data sources, ensuring the smooth functioning of the end-to-end order management process. It provided valuable insights into logistics and the unload prioritization of orders. The solution catered to several personas like region service managers, warehouse managers, team supervisors, unload captains, etc.





The Background

Our client is one of the most renowned global Snack Food brands across the world. The company's logistics network encompasses procurement, warehousing, transportation, distribution, etc. Tracking the position of goods was critical, considering the limited shelf life of products. Hence, the client was looking to ensure end-to-end visibility in the supply chain, enhancing operational efficiency and profitability while improving their overall decision-making process.

Key Challenges

Scattered data across multiple systems: The movement of orders between facilities was tracked in multiple systems like SAP, DRP, DPS, Fourkites, etc. It led to scattered data, with a lack of visibility of the end-to-end supply chain flow.

Ineffective order tracking: It was inefficient for the stakeholders to track the same order in multiple systems to know the status of the order and also formulate some key KPIs.

Poor decision-making: The data present in multiple sources ended up hindering the ability to make timely decisions, improve the fill rate, and increase system efficiency. It affected inventory optimization, risk mitigation, compliance issues, etc.

Our Solutions

Tiger Analytics developed a web-based application that would address these key challenges.

The web app integrated data from multiple sources so that users could access a one-stop shop to analyze inbound or outbound loads and learn about order statuses. Considering the data to be integrated, the team ensured that relevant KPIs were formulated based on customer requirements, which was earlier impossible.

The client's users could customize the prioritization of unloads based on current service needs. At the same time, the leaders gained the ability to understand unloading trends, impact on service, and support strategy needs.

Tech Stack

App Development:

Java

Spring boot

GraphQL

React Js

Azure Cloud

Synapse

Databricks

Authentication:

Azure AD

OKTA

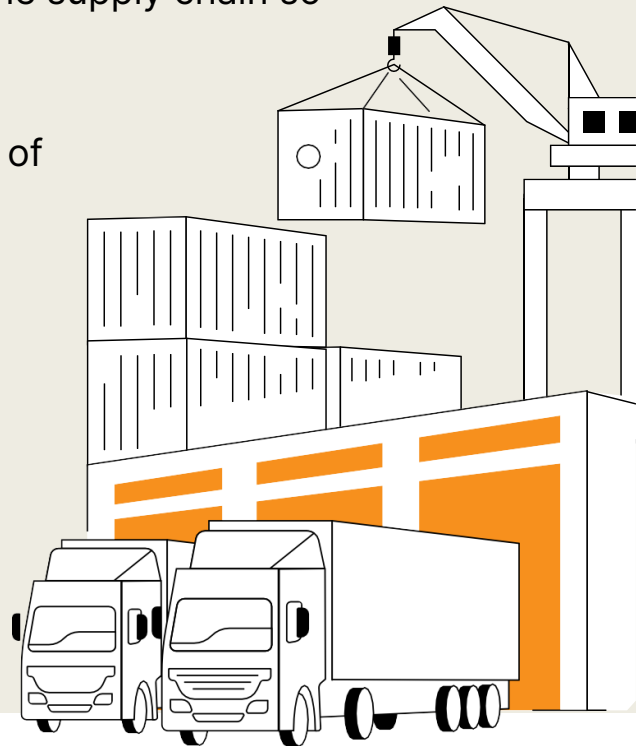
Value Delivered

Complete visibility was achieved across the supply chain so everyone knew the order's status.

It became easy to prioritize the unloading of goods based on a data-driven approach.

Profitability was improved through Analytics-driven decision-making.

The live health of the supply chain could be determined as required.



About Tiger Analytics

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to ***provide certainty to shape a better tomorrow.***

Being a recipient of multiple industry awards and recognitions, we have 4000+ technologists and consultants, working from multiple cities in 5 continents.

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