

Decrease in Cost of Logistics for Frozen Food Manufacturing Companies: A Case Study



Abstract This case study examines the implementation of strategic measures to decrease the cost of logistics for frozen food manufacturing companies. The focus is optimizing transportation, storage, and distribution processes while maintaining product quality and meeting customer demands. The study analyses a fictional frozen food manufacturing company, Frosty Delights, and highlights the successful strategies employed to reduce logistics costs and improve overall operational efficiency. Frozen food manufacturing companies face unique logistical challenges due to the perishable nature of their products. The case study explores how Frosty Delights tackled these challenges with the help of analysis done by DBMR and achieved cost reduction while ensuring product integrity and customer satisfaction with the strategies provided by DBMR.

Frosty Delights is a medium-sized frozen food manufacturer that supplies a wide range of frozen food products to retailers nationwide. The company's logistics costs were becoming a significant burden,

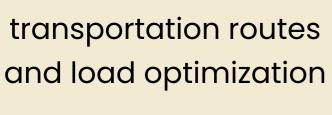
Client Interest

Analysis and Challenges Identified by DBMR

affecting profitability and competitive pricing. Thus, the client wanted to understand various strategies

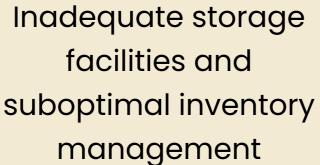
The initial analysis identified the following challenges affecting Frosty Delights' logistics

costs:



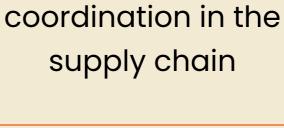
Inefficient

strategies:



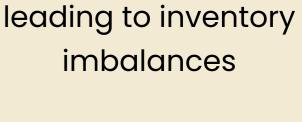
to reduce logistics costs in the frozen food supply chain.

To address the challenges and reduce logistics costs, DBMR has provided the following



Lack of real-time

visibility and



Inconsistent

demand forecasting

Route Optimization: Collaboration with a

Strategies Suggested by DBMR



- establishing effective communication channels, they optimize delivery routes, reduce empty return trips, and increase load utilization • Driver Training and Incentives: Frosty Delights can train its drivers on efficient route execution, fuelefficient driving techniques, and customer service. They can also provide performance-based
- tracking and efficient picking processes, they can minimize inventory-holding costs and reduce product wastage. • Collaborative Partnerships: The company
- to optimize production schedules, minimize excess inventory, and avoid costly rush orders. As per the DBMR analysis, the global frozen food market size is expected to reach USD 278.47 billion by 2030.

can collaborate with key suppliers,

distributors, and retailers. By sharing real-

time information and coordinating order

eliminate stock-outs, and optimize product

below. Accurate forecasts will enable them

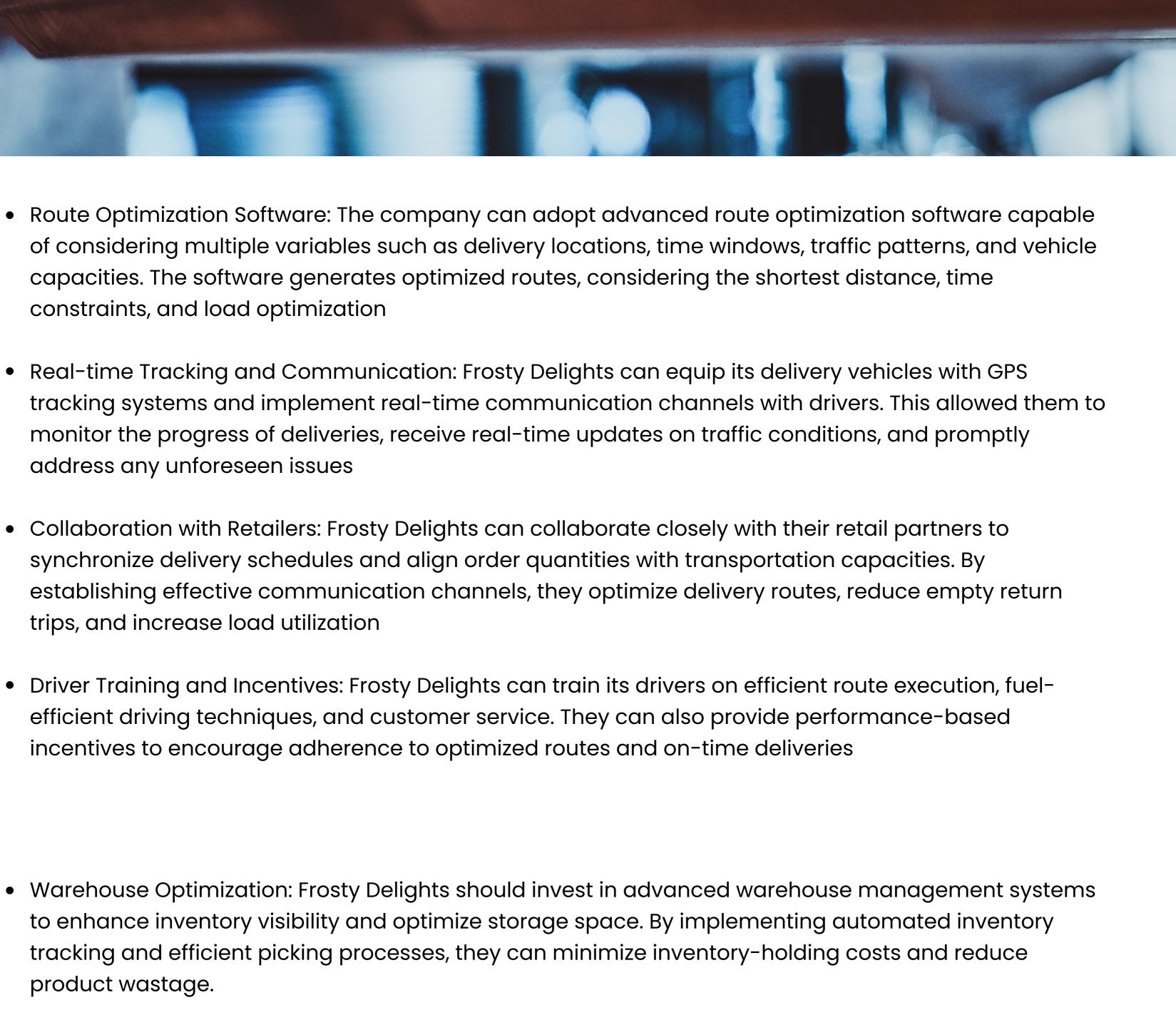
fulfillment, they can reduce lead times,

flow, resulting in lower logistics costs.

• Demand Forecasting: Frosty Delights can

track the consumption data provided

address any unforeseen issues



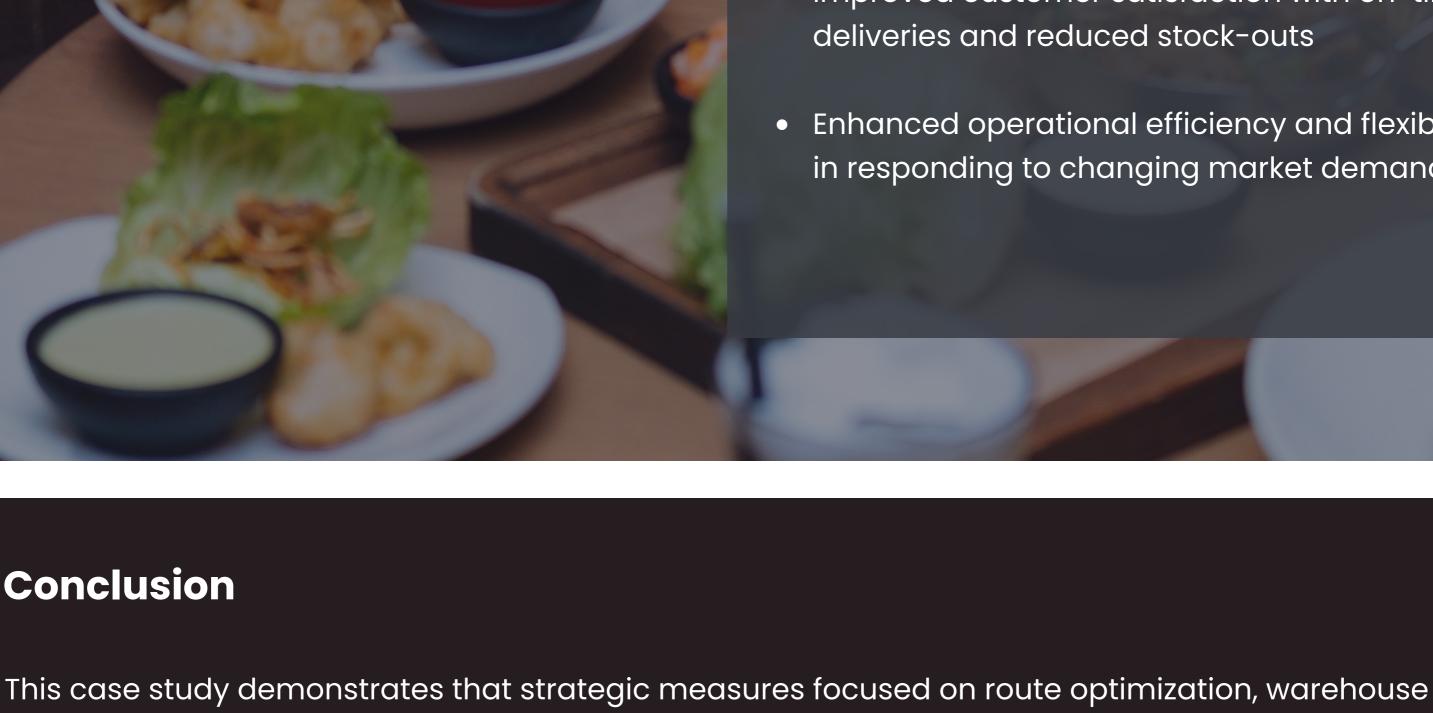


drinking water.

significant benefits for Frosty Delights:

The implementation of these strategies yielded

Results and Benefits



- Enhanced operational efficiency and flexibility in responding to changing market demands

management, collaborative partnerships, and accurate demand forecasting can reduce logistics

while maintaining product quality and meeting customer expectations, improving profitability and

costs for frozen food manufacturing companies. Frosty Delights successfully decreased logistics costs

competitiveness.

Other frozen food manufacturing companies can benefit from Frosty Delights' strategies by thoroughly analyzing their logistics operations, implementing technology-driven solutions, and fostering collaborative partnerships across the supply chain. Regular monitoring and adjustment of strategies will ensure sustained cost reduction and operational efficiency.

Recommendations