

Enhancing Storage Efficiency for a Not-for-profit thrift store

1 Introduction

A not-for-profit thrift store located in Central Florida distributes donated goods to twenty different brick-and-mortar retail locations across the region. The organization specializes in retail and donations, relying heavily on its distribution center (DC) in Florida. This DC helps the company stay organized and efficient while keeping up with the flow of donated goods coming in and out of their facility. However, its limited storage capacity was becoming a roadblock to their success.

2 The Challenge

The company's limited storage capacity was leading to overcrowding and inefficiency. They were having difficulty managing the flow of donated goods in and out of their facility and the existing setup hindered their ability to scale operations to keep up with increasing donations and retail demands. The not-for-profit thrift store needed Alpine Supply Chain Solutions to enhance their storage space and improve their operational efficiency.

3 The Process

Alpine conducted a thorough on-site assessment to understand the current storage setup and operational workflow. With data on existing storage utilization, inventory turnover, and goods handling processes, Alpine identified key constraints and inefficiencies in the current system to inform the design. Multiple layout design options were created based on client feedback and performance simulations to ensure the best design.

- Increase storage capacity (by 25%)
- Improve efficiency of goods handling
- Improve inventory management
- Enhance overall operational workflow



4 The Outcome

Alpine's work with the thrift store yielded significant improvements for the not-for-profit, including:

- 30% increased storage capacity, exceeding the goal of 25%.
- Streamlined goods handling processes, reducing time spent on inventory management.
- Enhanced flow of goods in and out of the facility, minimizing bottlenecks and operational delays.
- Improved accuracy in inventory management, leading to better stock control and reduced waste.

These results not only addressed the not-for-profit thrift store's immediate storage challenges, they also positioned them for future growth and continued operational efficiency.

This successful collaboration with Alpine Supply Chain Solutions enabled the not-for-profit thrift store to overcome its storage capacity challenges within its distribution center and improve its operational efficiency. Alpine delivered a solution that exceeded expectations and provided measurable benefits for the distribution center, the thrift store, and the retail stores that they serve.