

Siteone :

Siteone Leverages STA with Help from Alpine Supply Chain Solutions

1 Overview

SiteOne Landscape Supply is a leading provider of high-quality landscaping materials which offer an extensive selection of essential supplies which cater to both residential and commercial landscaping needs. With a broad inventory and a commitment to being a one-stop resource, SiteOne consistently meets the diverse demands of landscaping professionals and homeowners alike. Focused on delivering superior efficiency and upholding a high standard of customer satisfaction, SiteOne identified potential challenges that could impact their service quality and operational flow. Recognizing these challenges, SiteOne took proactive measures by reaching out to Alpine Supply Chain Solutions for help. This collaboration aimed to enhance their operations and fortify their ability to meet customer needs consistently, aligning with SiteOne's dedication to dependable, top-tier service and sustainable growth.

2 Challenge

SiteOne faced significant operational challenges, including difficulties finding suitable storage solutions for odd-sized items, balancing inventory levels, and reducing travel time in picking operations. The lack of a structured Storage Type Analysis (STA) led to inefficient space utilization and inventory management, driving up operational costs, causing overstocking of some items and shortages of others, and increasing travel times—all of which risked service disruptions. Without a clear understanding of product demand and seasonal fluctuations, these issues compounded, affecting SiteOne's ability to meet customer expectations and threatening its competitiveness in the landscaping supply market.

3 Solution

Upon identifying the challenges SiteOne was experiencing, the Alpine team set out to design the ideal layout to maximize efficiency. The engagement between SiteOne and Alpine spanned 12 weeks and comprised nine phases, each aimed at addressing specific challenges and delivering tailored solutions. By leveraging the insights gained from the STA analysis, they crafted a pick and reserve layout that strategically supports SiteOne's operational flow and storage needs. Alongside the layout, they provided a comprehensive, high-level cost estimate, giving SiteOne a clear understanding of both the logistical and financial aspects of the proposed improvements. This approach aimed to deliver a solution that was both effective and aligned with SiteOne's goals for streamlined, cost-effective operations.



4 Implementation

The Alpine team initiated the process by conducting an iterative data cleansing, refining data elements, and resolving discrepancies to ensure accurate preparation for a Storage Type Analysis (STA). Following this, the team performed a thorough site visit at SiteOne's facilities to evaluate the current storage infrastructure and operational workflows. Leveraging insights from the visit, Alpine conducted a detailed STA to identify ideal storage configurations. They developed customized storage and rack profiles to determine the optimal size, quantity, and racking for both forward pick and reserve locations. Additionally, rack dimensions, including the height of drive-in racks, were tailored to SiteOne's building specifications and pallet heights. Alpine also designed layout alternatives, optimizing storage profiles and operational efficiency by reducing touches through ideal slot sizes. These layouts were crafted to maximize space utilization, streamline workflows, and boost productivity. Finally, Alpine provided a comprehensive high-level budget estimate for the recommended layout, detailing costs for materials, labor, and freight. This gave SiteOne critical insights into the financial aspects of implementing the optimized storage solutions.

5 Results

Alpine assisted SiteOne in establishing and implementing a robust Storage Type Analysis (STA) and the ideal configuration of pick and reserve storage equipment, transforming their approach to warehouse management. By analyzing their data and conducting a nine step STA iteration process, Alpine helped SiteOne identify optimal storage configurations tailored to their unique needs. Through strategic collaboration with Alpine Supply Chain, SiteOne successfully addressed its storage and logistics challenges with a 20% gain in capacity while right-sizing the pick locations, enhancing operational efficiency and customer satisfaction. This reinforced SiteOne's capacity to serve its customers effectively, ensuring consistent availability of high-demand products and a smoother operational flow. Overall, the optimized storage solutions provided SiteOne with a competitive edge in the landscape supply industry, positioning the company for sustainable growth and success in the future.

