

Client is a leading manufacturer and supplier of Outdoor Products

The Challenge

The current facility material handling and operational solutions cannot meet the long-term growth needs of the business. While some accessories are planned to be moved out of the facility, it may be challenging to add any significant throughput and storage capacity to the existing operation. Additionally, they are using a 3PL for overflow / offsite storage. Having a solid 5-7 year strategy for physical, operational, and technical capabilities that optimizes the facility performance will help reduce business risk.

The Solution

The solution approach included the following steps:

- On-Site Review and Survey of existing Operations
- Analysis of data, summarize and provide feedback for agreement of 'as-is' state of the DC operations
- Confirm assumptions with respect to growth factors and new facility 7 year horizon considerations
- Apply growth factors and critical assumptions to develop future state estimated volumes.
- Gap analysis and develop recommended / optimized processes, flows, and provide gap analysis to current state Identified solutions Potential options to optimize DC Solution comparison.
- Order of Magnitude budget General budgetary considerations and ROI for optimized DC

The Value

Completed an 18 month roadmap with over \$1 million savings and a 1.2 year payback. The plan gets rid of outside storage until 2021 and includes additional implementation of WMS modules and a automated print and apply operation for customer crossdocking labeling. We have future automation in the roadmap in the 24+ month timing for an automated depalletizer and palletizer for the print and apply operation and some AGV pallet picking.

Client is a well recognized manufacturer and supplier of Outdoor Products.