

## Distribution Center Integration Design, Requirements, & Roadmap

*Project management, business requirements, assessment, and integration planning activities to support development of a consolidated multi-banner distribution center model.*

### The Client

North America's largest small-box discount variety retailer, operating multiple banners and channels.

### The Challenge

Historically, the retailer's different banners operated independent supply chain outbound transportation networks. However, the company wished to merge its logistics operations into a consolidated distribution center (DC) model in order to realize significant cost savings. The banners used several different technology systems for merchandising, warehousing and transportation that required new integration to send appropriate data between banners.

Additionally, the retailer desired to test shared spaced options at a pilot DC as well as throughout the merged transportation network.

### The Parker Avery Solution

The Parker Avery Group worked with the client in a project manager/business analyst role to identify all business requirements for the initial pilot and future phases; perform integration design and business process mapping; and develop the future consolidated distribution model roadmap.

Parker Avery was instrumental in the following activities:

- Met with all business units to determine business requirements needed for the pilot DC as well as future requirements to allow for the system design to work in planned DC consolidations

- Developed integration design documentation and business use cases to address all gaps identified between the multiple banners' systems
- Developed current and future business process documentation to ensure efficient shipping
- Provided a roadmap of future requirements and functionality post-pilot to outline the business priorities and estimated timeline to move the solution to any DC

### The Result

As a result of the project, the client expects to begin the pilot of the integrated outbound multi-banner shipments within the year. They also expect to be able to implement the full system solution in any DC within two years. Upon full completion of the enterprise-wide DC consolidation, the client anticipates transportation cost savings in excess of \$50 million annually.

