

# System Overview

## South Central US Automotive Parts Distributor Upgrades Distribution Centers



### Features & Benefits

- Multi-level Picking
- Maximized Product Flow
- Streamline Consolidation
- Smart Storage Media
- Efficient U-Shape Design



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### The Challenge:

Because of acquisitions and steady sales growth, a regional distributor of automotive parts located in the South Central U.S. needed to expand the inventory capacity of several distribution centers. The changes had to provide increased storage capacity of both product and SKU's, while improving productivity.

System changes had to be implemented while maintaining normal shipping operations. To help offset the required Total Investments, changes needed to generate increases in productivity while meeting growth targets.

### The Solution:

Efficient U-Shaped layouts for product flow were designed for each site, and correct storage media types were applied in multi-level picking modules to manage growth.

New automatic sortation systems were applied to maximize shipping efficiency. Sortation systems were elevated above the dock doors, with overhead gravity

lanes and gravity spirals feeding shipping tri-lanes. The design increased the capacity of the shipping lanes and simplified consolidation of all products at shipping.

*"Partnering with Siggins for improvements in space utilization & productivity has had a major impact on our growth and success."*