

Nordstrom

CHALLENGES

- Nearly a decade after Sedlak designed a new fulfillment center for Nordstrom's direct to consumer business markets, natural growth is causing constraints across many functions in the facility
- Sedlak has been commissioned to conduct an in-depth analysis of the fulfillment center (FC) requirements through a six-year planning horizon

WHAT SEDLAK DID

- Developed a forecast of facility operational activity, design criteria, product handling characteristics and distribution procedures
- Identified capacity shortfalls; Recommended improvements included operational changes, productivity enhancements, equipment and increased facility footprint
- Through our concept evaluation methodology, identified and developed material handling concepts that met Nordstrom's criteria for ROI
- Incorporated selected concepts into FC and expansion footprint
- Conducted a detailed design of the building expansion along with CAD drawings of MHE systems
- Developed overall capital and operating costs and implementation timeline for final solution
- Sedlak's work included detailed design and implementation of all MHE
- Defined and maintained project schedule and budget

RESULTS

- ✓ Development of a master facility/operational plan to support business requirements well into the future
- ✓ Improved operational methodologies for every major function within the FC resulted in a best-practices facility, positioning Nordstrom's to meet its very high, extraordinary customer service standards
- ✓ Nordstrom's FC expansion doubled the size of the facility from 350,000 sq. ft. to over 700,000 sq. ft.

