

Demand-Driven Logistics™ In Action: Case Study

We've Got **RANGE**

ODW Logistics, Inc. has over a decade's worth of experience helping manufacturing facilities operate at peak performance. In today's demanding manufacturing environments, operating at capacity, efficiently and economically, is key.

Our 21st century world requires us to meet consumers needs quickly.

ODW has helped several manufacturers over the years with their most pressing operational challenges to find meaningful, affordable LEAN-based solutions to help reduce spend and increase overall productivity.

Situation: Automotive Parts Assembly Plant Operations

Problem: A leading producer of over-the-road trucks needed help with tracking their inbound inventory. The solution also required JIT assembly support and inventory consolidation.

Solution: ODW designed all work process to operate this cost-effective 200,000 sq. ft. facility. This support center provides all parts receiving, put away, storage, picking and scheduled delivery of parts to assembly plant. In addition, the facility performs sequencing for brakes, canisters, instrument harnesses, dash panels as well as the dressing of single and tandem axles.

Benefits: This off-site facility removes excess inventory from the customer's plant, gives the customer on-line inventory visibility that reduces inventory to JIT levels, and lowers operating costs by consolidating multiple activities into one coordination location.

Situation: Automotive Parts Distribution Center Operations

Problem: In Illinois, a high volume engine assembly plant needed to eliminate line-side inventories so that production volume could meet increased product demand.

Solution: ODW crafted an inbound parts distribution center that provides JIT order fill, product kitting, and motor carrier plant delivery services for a two-shift operation. To minimize on-hand material, this location is designed as a vendor managed inventory facility. Through Symmetry, our web based WMS system, we electronically coordinate all inbound supplier shipments and inventory levels with plant production schedules.

Benefits: While vendors are responsible for maintaining adequate inventory levels, Symmetry monitors ASN and on-hand stocking levels to ensure that the production plant will never run short of needed materials. In addition, ODW identified inbound shuttle opportunities that matched idle tractors, saving the customer significant transportation costs.

Situation: Outsourced Automotive Parts Distribution

Problem: In the southwest, a luxury car manufacturer wanted to establish a new aftermarket parts distribution center. This center was needed to support their dealers' requirements for next-day parts delivery over a ten-state market without spending more than the current budget.

Solution: Dallas, Texas, was chosen as the most expedient location for next-day service, and ODW was chosen to implement and operate the





center due to our extensive experience in auto parts order filling accuracy, inventory control, and competitive approach to pricing.

Benefits: In key indicator performance measurements, ODW continues to meet or exceed budgeted operating goals, and has achieved highest service levels among the nine categories of customer evaluation.

Situation: Automotive Equipment Process Improvements

Problem: An international construction equipment company came to ODW for assembly support and product testing solutions. This company realized they had a weakness in their assembly support and inventory control functions, and asked ODW for recommendations on JIT order fill services and inventory management.

Solution: For this company, ODW provided the Symmetry warehouse management system with full RF scanning, line-side parts delivery, and finished product testing. The line-side scanning services included confirmation of delivery. ODW provided all carrier coordination, OS&D processing, product returns, electronic communications with plant purchasing, and optimized min/max inventory levels.

Benefits: ODW used Symmetry to as an inventory management system to parallel the customer's SAP production management system, and reduced on-hand inventory and labor costs.

Situation: Electrical Equipment Manufacturer Assembly Plant Operations

Problem: An international electrical equipment manufacturer struggled with limited production space, inventory accuracy, undefined work standards and inefficient material flow.

Solution: ODW's solution leverage Lean-based principles and took the customer's current front end of the supply chain functions in house to ODW. There, ODW managed inventory, material flow, Kanban orders, line side delivery and a customized IT solution.

Benefits: Using Lean-based principles, the customer saw an improvement in production space, increase in inventory accuracy, production increase and overall quality improvement.

