



**CUSTOMER**    **COMMERCIAL & DEFENSE AEROSPACE  
PARTS MANUFACTURER\***

**SOLUTION**    **VENDING, IN-PLANT, VMI, AP OPT™, TECHMATE,  
PRODUCTION FASTENER MANAGEMENT,  
MACHINING NEEDS ANALYSIS**

This company is a high mix, low volume contract manufacturer with the skills and competency to provide close tolerance machining for the demanding aerospace industry. They do not produce our own branded product, but provide small batches of high quality machined parts for our commercial and defense aerospace customers. Those buyers then put these parts into their own products and sell them to their customers.

To learn more about MSC's BNA, our unbiased process, and data assessment of your indirect supply chain, designed to identify customized solutions to **empower performance, generate savings and maximize profit potential**, call us at 800.645.7270 or complete this [brief intake form](#) to get started.

\*While the customer information is confidential, the story and results are real.

## CHALLENGE

### **LACK OF DATA VISIBILITY, MANUAL INVENTORY PROCESSES, GAPS IN KANBAN SYSTEM, SLOW QUOTE RESPONSE TIME TO CUSTOMER, NEED FOR NEW TOOLING TECHNOLOGY**

Conducted an extensive operational site assessment through MSC's Business Needs Analysis (BNA) to identify opportunities to achieve this customer's goals for an automated and strategic inventory management solution.

#### **Goals included:**

- Improved inventory management solutions
- Optimization and data governance
- Increased productivity
- Supplier partnership
- Consumption reduction
- Cycle time reductions

## SOLUTION

### **VENDING, IN-PLANT, VMI, AP OPT™, TECHMATE, PRODUCTION FASTENER MANAGEMENT, SPECIALIST TEAMS**

- Maximized Vending machine space and capabilities
- Re-Evaluate Current Kanban System
- Improved data visibility: spend, usage, consumption and obsolete inventory
- Use data analytics for demand planning
- Establish min/max levels
- Product standardization
- Machining needs analysis by MW specialist teams

## RESULTS

### **ACHIEVED \$786,337 COST SAVINGS IN 12 MONTHS**

- 20% PO reduction
- Reduced requisition process by 70%
- Removal of 40 hours per week of manual inventory management

## CONTINUOUS IMPROVEMENT

Conduct a safety assessment and uncover training initiatives. Established a cadence of quarterly Customer Improvement Reviews (CIR) at which MSC and the customer collectively review a "scorecard" to evaluate progress on identified goals and look for improvement opportunities. In addition, we continue to work with our specialist teams and the customer to identify improvement initiatives to keep their team at their highest levels of productivity.