

Mitsubishi Electric Implements JDEdwards EnterpriseOne Manufacturing for Reverse Logistics Operations

mss-technologies.com



Mitsubishi Electric Automotive America, Inc. (MEAA) is a leading manufacturer and supplier of customized powertrain, body and chassis products, and in-vehicle entertainment and navigation systems. MEAA products ensure the vehicle's safety, driving comfort, reliability, and quality. MEAA's engineering groups command the resources and the freedom to innovate. That's why – day after day – MEAA products that were good yesterday are great today and even better tomorrow. MEAA meets and exceeds customer expectations through expertise in custom electric and electronic OEM components worldwide.

Oracle Products & Services Utilized:

- Oracle Premier Support
- EnterpriseOne Financials
- EnterpriseOne Distribution Modules
- EnterpriseOne Manufacturing Modules
- EnterpriseOne Warehousing and Transportation Management
- Demand Scheduling

Implementer:

MSS Technologies LLC
12596 W. Bayaud Avenue, Ste 190
Lakewood, CO 80228
(800) 359-1621



CLIENT SUCCESS STORY

CHALLENGES

- Eliminate double entry of data on home-grown manufacturing system and existing JDE install
- Support for Rebuild/Disassembly manufacturing processes
- Support for multiple substitutes in manufacturing providing flexible rebuild options
- Support for planning across multiple facilities with flexible rebuild options
- No software modification

SOLUTION

- Implemented JDE PDM, SFC, Product Costing/Manufacturing, Account, Forecasting, Multi-Facility MRP with no mods
- Integrated to existing JDE Financials, Distribution, Transportation and Warehouse applications
- Improved current BOM structures to support costing, planning and execution for re-manufacturing processes utilizing single BOMs with planning BOM functionality to more effectively consume available substitutes
- Improved planning process by using combination of forecasting to minimize purchase of new components and creation of dynamic safety stock calculations with capacity planning
- Captured shop floor data recognizing the dear-down of existing units, inventory consumption of new components and returning reusable components into stock
- Improved product costing process and transitioned current costs to system generated costs without revaluation

OPPORTUNITY

- Automotive Re-manufacturer not using JDEdwards Manufacturing modules
- Large company with many small- to medium-sized manufacturing facilities running like separate companies
- Significance: Implementation of JDEdwards Planning/Forecasting, Planning BOMs, Shop Floor Control, Capacity Planning for a GREEN remanufacturing facility that is saving tons of waste from going to the landfills
- Competition was homegrown Manufacturing software and modifications

"The broad functionality of JDEdwards EnterpriseOne coupled with MSS' deep manufacturing experience made choosing and implementing JDE Manufacturing modules the clear choice."