

Oracle & TechStone: Optimizing Production in Manufacturing

TECHSTONE TECHNOLOGY PARTNERS LLC AND ORACLE TOGETHER PROVIDE SOLUTIONS THAT ENABLE MANUFACTURING PROCESSES

TechStone Technology Partners, LLC provides consulting services that emphasize integrated and scalable solutions to enable the manufacturers of today. With a strategic Oracle partnership, TechStone optimizes production capacity from raw materials through final production. As part of the E-Business Suite, Oracle Manufacturing is seamlessly integrated with other business applications such as CRM, Financials and Procurement. A unified data model provides a single, accurate view of the manufacturing process. This allows manufacturers to configure orders, manage costs, quality and compliance. The latest version of Oracle 11i.10 includes new features for greater global sourcing and visibility as well as project management prioritization. TechStone is currently helping clients with upgrading to this latest technology.

Requirements Planning

Oracle's 11i Manufacturing module simplifies the planning process and reduces production and inventory costs with a consolidated umbrella that includes; DRP, MPS and MRP processing. Integrated capacity planning translates plans automatically into advanced demand and shipping schedules. This solution can be used within a single manufacturing plant or across multiple facilities. Below is a list of some of the features and functions.

- Single-pass MRP
- Supply/demand inclusion rules
- Capacity planning
- Yields by operation
- Pegging

Determine True Cost of Doing Business

Oracle's Project Costing is part of the E-Business Suite and an important solution for manufacturers. It allows manufacturers to easily monitor and control project spending. Transaction controls limit expenditures by criteria such as category, date range or employee. These controls help prevent incorrect or excessive costs. Budgetary controls only process transactions when sufficient funds are available within the given project. Manufacturers can establish different control levels and budgetary control balances are automatically updated. Oracle's adjustment functionality gives manufacturers additional controls over project costs. They can adjust project costs online, interface the adjustments to financials and provide a historical trail. Oracle Project Costing also provides a detailed analysis of a manufacturer's costs compared to the project budget.

Oracle's Project Costing lets manufacturers determine their true cost of doing business. It allows manufacturers to track total project costs by applying a buildup of burden costs to the raw costs and eliminates the need for end of month allocations of indirect costs. It also maintains date-effective schedules of burden multipliers in order for retroactive changes to be processed automatically and a complete trail is managed. Various rates for each cost type can be assigned such as having one set of overhead rates for labor and another for materials.

When manufacturers prefer the allocation of indirect cost over the application of overhead rates, an allocation tool streamlines the process. Manufacturers can aggregate indirect costs into a general ledger account or separate indirect project costs and allocate across direct projects and tasks. The latest version of Oracle Project Costing 11i.10 allows for greater global support and visibility. It can receive reimbursements, generate accounting entities and review project costs from multiple different currencies. Costs are automatically calculated.



Manufacturing Flexibility & Efficiency

A growing challenge to all manufacturers is increasing flexibility to meet rapidly changing market conditions. A demand-driven organization in particular needs improved flexibility to reduce lead time for production. The ability to produce products in a rapid dependable production flow is an advantage. As well is a production scheduling process that responds to changes in demand. TechStone provides these solutions that also:

- Reduce need for overtime
- Reduce need for premium freight
- Reduce WIP inventory requirements
- Reduce production and supply chain requirements

Inventory reduction is another key area in which TechStone helps manufacturers. Excess inventory ties up working capital and extends lead times. The first step to reducing inventory is in recognizing where it is needed.

- Certain amount of finished or semi-finished inventory
- Certain amount of WIP and raw materials for Kanban
- Certain amount of inventory to buffer supply uncertainty

The TechStone Approach

Our approach at TechStone is pretty simple. We provide the best solutions to solve the most important business problems our clients face today. That's why we partner with Oracle. TechStone provides small and specialized consulting teams that implement Oracle's business applications to the satisfaction of our clients.

Our Oracle Practice provides the following:

- Scalable & repeatable processes
- Project review & planning
- Business analysis
- Oracle development & implementation
- Resource planning recommendations
- Architecture design

TechStone Technology Partners LLC

(832) 724-6137

sales@techstonellc.com