

ORACLE PROCESS MANUFACTURING 11i

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CONTAINS:

- New Product Development
- Recipe Management
- Production
- Regulatory Management
- Quality Management
- Cost Management

KEY BENEFITS:

Oracle offers a complete family of manufacturing solutions to allow you to:

- Accelerate Recipe Development
- Manage Variability And Product Consistency
- Optimize Capacity And Ingredient Usage
- Drive Continuous Process Improvement

Oracle Process Manufacturing (OPM) supports the demands of manufacturing under variable production conditions with variable raw materials and allows you to produce high quality products at the lowest possible cost. OPM's recipe driven manufacturing system is designed exclusively for the process industries and allows you to delivery products that meet individual customer specifications. Oracle Process Manufacturing manages the complete lifecycle from New Product Development, Recipe Management, Production, through Regulatory, Quality, and Cost Management.

New Production Development

New Product Development streamlines new product recipes delivery and integrates research and production operations. Advanced formulator workbench allows you to graphically construct recipes, simulate manufacturing environments, and easily transfer approved recipes to production facilities.

- Respond Quickly to Changing Formulations or Standards
- Speed Time to Market for New Recipes
- Scale up Simulations

Recipe Management

Recipe Management accommodates the variables inherent in process manufacturing, including varying raw materials or changes in the production environments, to efficiently manage formulas into the production process, drive inventory requirements, and communicate vital processing and quality information.

- Full Audit Trail and Version Control for Regulatory Compliance
- Usage by Controlled Approvals
- Recipes by date, plant, customer, geography

Production

Manufacturing Production Management and Process Operations Control ensures manufacturing consistency throughout the production cycle by providing tight control of ingredients and processes, balanced with the flexibility to

respond to changing conditions.

- Scale batches up or down based on anticipated quantities
- Calculates expected theoretical yield percentage
- Inventory Allocation and Assessment

Regulatory Management

Regulatory Management, a regulatory information management tool, automates the creation and maintenance of hazardous materials documentation to support compliance with industry and government regulations.

- Hazardous Material Reporting
- Document Definition and Audit Trail
- Rule-Based Dispatch Management

Quality Management

Quality Management allows process manufacturers to disseminate comprehensive, real-time quality information using grade, lot status and other characteristics to all functional areas of the enterprise via the internet. It facilitates continuous quality tracking throughout the manufacturing process by providing essential visibility into quality at all phases of your production – raw materials, intermediates, bi-products, sublots, and final products.

- Multiple specifications for items, locations, customers, production
- Assay Definition and Results
- Respond Quickly to Quality Issues

Cost Management

OPM Cost Management combines detailed cost-tracking features with flexible analytical tools to help process manufacturers determine your true product costs.

- Detailed Cost Analyses
- Comprehensive "what if" analysis
- Inventory Valuation

Summary

Oracle Process Manufacturing is fully integrated with Oracle E-Business Suite 11i. Customers in pharmaceuticals, industrial chemicals, food & beverage, consumer packaged goods, and metals are gaining a competitive advantage with Oracle Process Manufacturing.