

ORACLE®  
E-BUSINESS SUITE **12**

ORACLE®  
E-BUSINESS SUITE  
MANUFACTURING

ORACLE®  
ENGINEERED SYSTEMS

UNPRECEDENTED BUSINESS  
VALUE AND PERFORMANCE

REAL-TIME INSIGHT INTO ALL  
ASPECTS OF COST  
MANAGEMENT

#### KEY FEATURES

- Cost Impact Simulator
- Gross Profit Analyzer
- Cost Comparison Tool

#### KEY BENEFITS

- Identify the Most Profitable Cost Structures
- Identify Optimal Pricing for Finished Goods
- Identify the Most Profitable Product Mix
- Simulate the Enterprise-wide Impact of Cost Changes
- Propagate Savings across the Enterprise
- Optimize Operational Costs
- Optimize Working Capital
- Maximize Revenue
- Increase Profits and Margins

## ORACLE IN-MEMORY COST MANAGEMENT FOR PROCESS INDUSTRIES

*Oracle In-Memory Cost Management for Process Industries is a transformational suite of applications that allows businesses to drive their strategic cost management objectives by helping to maximize gross margins and gross profits, optimize product cost structures through minimizing ingredient costs, create profitable product mixes across their global operations, and find the right products to both increase penetration in existing markets and enter new markets.*

### Faster, Better, In-Time Decision-Making

Existing cost management solutions have not kept up with the exploding volumes of costing data across global manufacturing operations and their various supply chains. Oracle In-Memory Cost Management for Process Industries is a combination of software and hardware that helps businesses maximize revenue, increase profits, and optimize both operational costs and working capital through real-time analyses of large volumes of cost data.

Oracle In-Memory Cost Management for Process Industries helps businesses make decisions in time to capture the highest possible profits and margins, and to discover hidden opportunities to shrink operational costs. Cost accountants, operations, finance, and procurement managers can use Oracle In-Memory Cost Management for Process Industries to quickly perform what-if simulations on complex cost data and instantly visualize the impact of changes to their business. Specifically built and optimized for the Oracle Database In-Memory option, as well as for Oracle Engineered Systems, Oracle In-Memory Cost Management for Process Industries provides users the capability to perform complex cost analyses and identify optimal profit margins so that companies can make decisions in time to capture the highest possible profits, safeguard current margins, and identify optimal future margins.

### Reduce Wait Times, Increase Productivity

While existing cost management solutions require long wait times for batch processes to complete on huge data sets, Oracle In-Memory Cost Management for Process Industries runs efficiently in real-time against Big Data and comes pre-built with critical analytical features including Cost Impact Simulator, Gross Profit Analyzer, and Cost Comparison Tool.

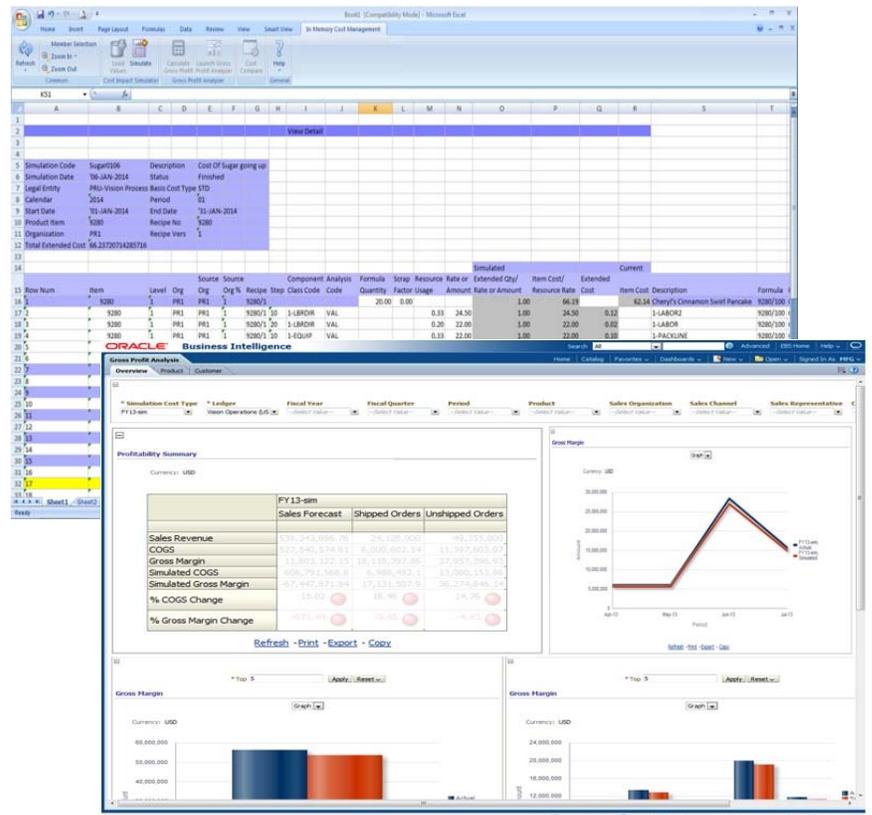
- Oracle's **Cost Impact Simulator** and **Gross Profit Analyzer** combine to help businesses perform a range of functions not possible previously because of the long wait times associated with batch processing of Big Data.

**BETTER DECISIONS IN-TIME TO MAKE A DIFFERENCE**

Transform Traditional Business Practices through Real-time Access to Complex Analyses of Typically Un-tapped and Under-utilized Costing Data

**RELATED PRODUCTS AND FUNCTIONAL MODULES**

- Oracle Process Manufacturing Process Execution
- Oracle Process Manufacturing Product Development
- Oracle Process Manufacturing Process Planning
- Oracle Process Manufacturing Financials
- Oracle Inventory Management
- Oracle Order Management
- Oracle Warehouse Management
- Oracle Shipping
- Oracle Receiving
- Oracle Landed Cost Management
- Oracle Procurement
- Oracle SubLedger Accounting
- Oracle Accounts Payables
- Oracle Accounts Receivables
- Oracle General Ledger
- Oracle Advanced Supply Chain Planning
- Oracle Production Scheduling



Oracle's Cost Impact Simulator and Gross Profit Analyzer

Oracle's Cost Impact Simulator and Gross Profit Analyzer help organizations maximize revenue and increase profits. With these features customers can:

- Undertake multidimensional cost analyses leveraging complex formulae, recipes, and routing data.
- Perform detailed 'what-if' cost simulations and timely analyses of cost and related inventory valuations.
- Easily assess impact on future margins including potential downstream impact of unshipped orders and forecasted demand.

Oracle's Cost Impact Simulator and Gross Profit Analyzer combine to help businesses obtain the most profitable product mix, view the impact of cost changes, identify optimal pricing for finished goods, and accurately simulate future costs.

- Oracle's **Cost Comparison Tool** enables users to quickly view and analyze the details of complex cost structures across multiple manufacturing locations, legal entities, and accounting periods so that businesses can reach timely decisions that allow them to identify the most profitable cost structures, simulate the enterprise-wide impact of cost changes, and then propagate those savings across their enterprise. Oracle's Cost Comparison Tool helps businesses discover hidden opportunities to further shrink operational costs by processing and visualizing large volumes of cost element data quickly.

With the Oracle Database In-Memory option, organizations can transform their performance by automatically and transparently taking advantage of columnar in-memory processing, without additional programming or application changes. Further, real-time data retrieval and processing is driven by Exadata's hierarchical data storage with Smart Scan, Smart Flash Cache, and Flash Cache Write Back, while visualization and real-time data analyses is driven by Exalytics's in-memory solution optimized specifically to leverage components networked via a high-bandwidth, low-latency InfiniBand network.

The screenshot displays the Oracle In-Memory Cost Management interface. The top window shows simulation parameters for 'Sugart33M' with a simulation date of '16-JUN-2014'. The bottom window shows a detailed cost comparison table for 'Sugart33M' with columns for Item, Description, Recipe, Org, UOM, Code, Unit Cost, Unit Cost, % Cost, Currency, Onhand, WIP In Transit, Onhand, WIP In Transit, Onhand, and WIP.

Item	Description	Recipe	Org	UOM	Code	Unit Cost	Unit Cost	% Cost	Currency	Onhand	WIP In Transit	Onhand	WIP In Transit	Onhand	WIP
4211	Mach's Best Can	CA-4211	PRI	133	EST	ASM	USD	280258.42	0.00	37000.00	2349590.22	0.00	114069.53	3403370.46	0.00
5130	Sugar	SUGAR	PRI	133	EST	ASM	USD	1.00000	100.00	1000000.00	1000000.00	1000000.00	1000000.00	1000000.00	1000000.00

Oracle's Cost Comparison Tool

### Oracle's Leadership in Cost Management

Since the initial launch of Oracle E-Business Suite, Oracle has steadily broadened and deepened cost management-related functionality across the various components of the Suite. Cost Management at Oracle has evolved to encompass multiple costing / valuation methods in order to accommodate a variety of industries. Oracle In-Memory Cost Management for Process Industries is a new product leveraging that extensive footprint of Cost Management functionality to provide a new set of in-memory applications that help cost accountants, operations managers, finance, and procurement managers to make critical costing decisions. Existing cost management solutions within E-Business Suite today provide:

- Automatic costing of all inventory, manufacturing, execution, and purchasing transactions
- Flexible cost and account setup features
- Support for various perpetual (Lot based) and periodic (Standard and Average [PMAC, PWAC, PPAC]) cost methods
- Unlimited cost types, formulae, recipes and routings that enable extensive cost setup, and editing capabilities
- Powerful cost rollup capabilities across organizations and costing methods to accurately calculate product costs
- Full support for Oracle Process Manufacturing Process Execution
- Comprehensive valuation and variance reporting
- Revenue and COGs recognition, margin analysis
- Support for Product Line Accounting and Intercompany Inventory
- Capability to configure out-of-box accounting through integration with Oracle sub-ledger accounting (SLA)

## Oracle In-Memory Cost Management for Process Industries

Oracle In-Memory Cost Management for Process Industries is a new set of applications that provides a bottom-up approach to maximizing profit and margins by enabling real-time insight into all aspects of cost management. Its extreme performance is possible because of the game-changing technical innovations of the Oracle Database In-Memory option and Oracle Engineered Systems.

Oracle In-Memory Cost Management for Process Industries' transformational suite of applications allows businesses to drive strategic cost management objectives by maximizing gross margins and profits, optimizing product cost structures through minimizing ingredient costs, creating profitable product mixes across their global operations, and finding the right products to both increase penetration in existing markets and enter new markets.

## Contact Us

For more information about Oracle In-Memory Cost Management for Process Industries, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



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**Hardware and Software, Engineered to Work Together**