

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 DISCRETE INDUSTRIES

*Oracle In-Memory Cost Management for Discrete 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 component 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 Discrete 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 Discrete 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 Discrete Industries to quickly perform what-if simulations on complex cost data and instantly visualize the impact of changes to their business. Specifically optimized for the Oracle Database In-Memory option, as well as for Oracle Engineered Systems, Oracle In-Memory Cost Management for Discrete Industries provides users the capability to perform complex cost analyses 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 Discrete 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.

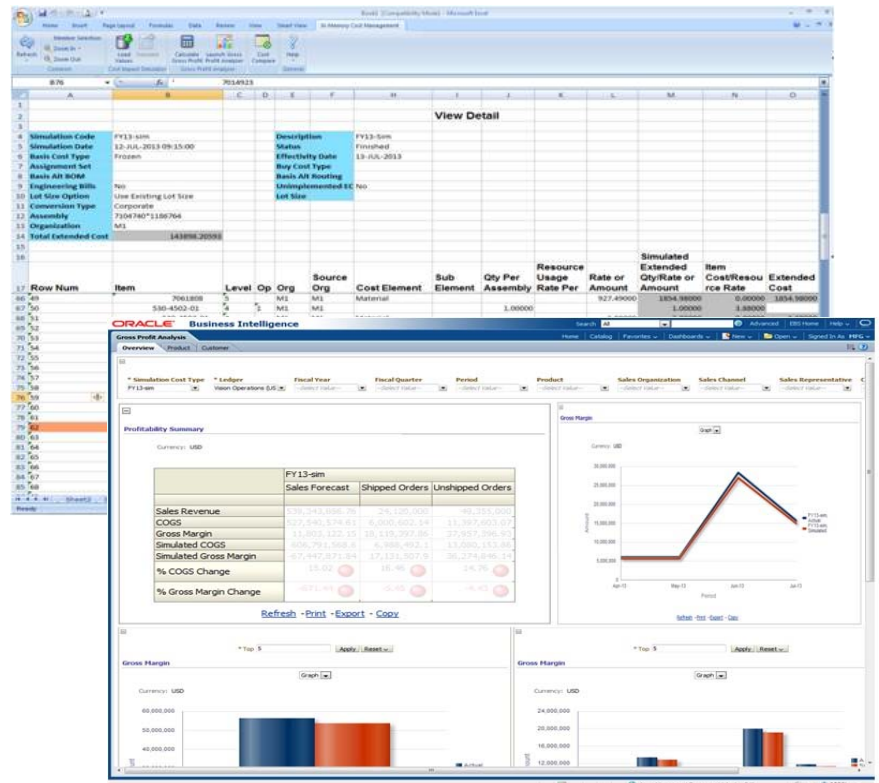
- Oracle's **Cost Impact Simulator** and **Gross Profit Analyzer** combine to help businesses perform a range of functions not possible previously because of the long wait times associated with batch processing of Big Data.

### 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 Discrete Manufacturing
- Oracle Bill of Material
- Oracle Inventory Management
- Oracle Order Management
- Oracle Shop Floor Management
- Oracle Flow Manufacturing
- Oracle Project Manufacturing
- Oracle Warehouse Management
- Oracle Enterprise Asset Management
- Oracle Shipping
- Oracle Receiving
- Oracle Landed Cost Management
- Oracle Product Hub
- Oracle Procurement
- Oracle SubLedger Accounting
- Oracle Accounts Payables
- Oracle Accounts Receivables
- Oracle General Ledger
- Oracle Public Sector Financials



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 multi-level bills of material and routing data.
- Perform detailed 'what-if' cost simulations and timely analyses of costs and related inventory valuations.
- Easily assess the impact on future margins including any 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 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 two overlapping windows from the Oracle In-Memory Cost Management application. The top window, titled 'Simulation Summary', contains the following data:

Field	Value	Description	Effective Date
Simulation Code	Fy130m	69Cost	
Simulation Date	21-OCT-2013 21:11:39	Frozen	21-OCT-2013
Basis Cost Type	Frozen		
Assignment Set			
Basis Alt SCM			
Engineering Bill	No	Unimplemented No	
Lot Size Option	Use Existing Lot Size	Unimplemented	
Conversion Type	Corporate		

The bottom window, titled 'Cost Compare Results', shows a comparison between two selections. The table below represents the structure of the data shown:

Selection 1												Selection 2											
Item	Level	Qty	Cost	Sub	Rate	Or	Extended Qty	Unit	Extended Cost	Item	Level	Qty	Cost	Sub	Rate	Or	Extended Qty	Unit	Extended Cost				
240-5480-01	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	240-5480-01	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053119	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053119	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053118	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053118	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053117	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053117	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053116	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053116	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053115	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053115	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053114	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053114	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053113	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053113	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053112	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053112	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053111	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053111	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053110	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053110	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053109	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053109	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053108	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053108	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053107	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053107	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053106	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053106	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053105	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053105	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053104	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053104	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053103	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053103	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053102	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053102	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053101	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053101	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				
7053100	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000	7053100	%	MI	MI	Material	0.00000	0.00000	0.00000	0.00000	0.00000				

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 Discrete 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, work-in-process, and purchasing transactions
- Flexible cost and account setup features
- Support for various perpetual (standard, average, FIFO, LIFO) and periodic (periodic average, incremental LIFO) costing methods
- Unlimited cost types, bill structures and routings that enable extensive cost editing capabilities
- Powerful supply chain cost rollup capabilities across organizations and costing methods to accurately calculate product costs
- Full support for Oracle Shop Floor Management for semiconductor manufacturing yield costing
- Comprehensive valuation and variance reporting
- Revenue and COGs recognition, margin analysis
- Integrations with Project Costing, Product Line Accounting, Intercompany Invoicing
- Capability to configure out-of-box accounting through integration with Oracle sub-ledger accounting (SLA)

## Oracle In-Memory Cost Management

Oracle In-Memory Cost Management for Discrete 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 Discrete 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 component 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 Discrete 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**