

ORACLE COLLABORATIVE PLANNING

KEY FEATURES

- Multi-enterprise collaborative planning
- Global inventory and fulfillment visibility
- Responsive replenishment – VMI and CMI including consigned
- Stock-out analysis
- Collaborate with customers: receive customer forecast, compare to order forecast, publish supply commits
- Collaborate with suppliers and contract manufacturers: publish order forecast, receive supply commits
- Supply chain exception management: notification dashboard, configurable exceptions, trading partner specific exception definition
- Horizontal and vertical bucketed planning views
- Supply chain pegging
- Waterfall analysis and audit trail
- Integrated with Oracle® Service Parts Planning to publish new buy and external repair order forecast and received order commits
- Integrated with Oracle Discoverer for custom reporting
- Export to MS Excel
- Import from MS Excel

Do you want to reduce your supply chain planning cycle times and inventory levels? Do you want to automate your inventory replenishment? Do you know how a sudden reduction of supplier capacity impacts your customers' demand? Do you know how a change in customers' demand impacts your downstream suppliers? Oracle Collaborative Planning is an Internet-based collaboration solution that rapidly and significantly improves supply chain performance by providing advanced capabilities for collaborative demand, supply, and inventory planning across your virtual supply chain.

Overview

Today's collaborative planning processes are often a collection of multiple disconnected processes. In most cases, limited collaboration with customers leads to low forecast accuracy; low visibility to customer forecasts and supplier commits leads to holding too much 'just in case' inventory, increasing inventory costs; 2nd-tier suppliers that deliver key components have no means to interact directly with you; and, indirect costs are high because of extensive expediting and inefficient communication. The entire process has little collaboration, requires multiple steps, and takes a long time. Oracle provides a better way to planning: a collaborative, holistic, e-business planning process that allows you to include all your trading partners, reduce the number of steps, and identify and react quickly to supply chain exceptions.

Select Item	Customer	Customer Site	Supplier	Supplier Site	VMI Status	Replenishment Date	Suggested Replenishment Quantity	Replenishment Quantity	Inprocess Quantity	Onhand Quantity	Onhand Date
<input type="checkbox"/> CM6254 Vision Corporation	TST-51	Pittsburgh	BRIDGEVILLE Electronics	BRIDGEVILLE	Onhand:000 Onorder:0	09-JAN-2006	9200	9200	0	300	04-OCT-200
<input type="checkbox"/> CM6254 Vision Corporation	TST-3M2	Pittsburgh	BRIDGEVILLE Electronics	BRIDGEVILLE	Min:1000 Max:1000 Onhand:000 Onorder:0		0	0	0	3000	04-OCT-200
<input type="checkbox"/> CM6254 Vision Corporation	TST-3M1	Pittsburgh	BRIDGEVILLE Electronics	BRIDGEVILLE	Min:1000 Max:1000 Onhand:1100 Onorder:0	09-JAN-2006	8900	8900	0	11100	04-OCT-200
<input type="checkbox"/> CM6259 Vision Corporation	TST-51	Pittsburgh	BRIDGEVILLE Electronics	BRIDGEVILLE	Min:1000 Max:1000 Onhand:000 Onorder:0		0	0	0	6000	04-OCT-200

Figure 1: Collaborative Planning Workbench – Vendor Managed Inventory

Reduce inventory cost through responsive replenishment

Oracle Collaborative Planning provides advanced Vendor Managed and Customer Managed Inventory (VMI, CMI) support to enable you to automate inventory replenishment and reduce inventory holding cost. Your trading partners receive proactive notifications when inventory needs to be replenished. They can immediately post the replenishment information in your system and, when using the Oracle E-Business Suite, a purchase blanket release can be generated automatically.

Vendor managed inventory (pay-on-receipt) and consigned inventory (pay-on-use)

You can implement vendor managed inventory with both your suppliers and customers. You can set up agreements with your partners and as the consumption of the materials is recorded, the system can automatically send replenishment notifications, which can automatically trigger the related order flows. Oracle® Collaborative Planning also supports consigned inventory flows with both suppliers and customers. Similar to the previous flow, you set up your agreements, record the material consumption, and trigger the replenishment process.

Stock-out analysis

As you share inventory levels and locations with selected trading partners you ‘pool’ the inventory for critical parts. As a result you can reduce stock-outs and increase service levels, as you can easily find inventory and determine the best supply location when a customer needs a critical part. Often, order policies are not reviewed until multiple shortages occur, or it becomes apparent that excess inventory has been held for an extended period of time. Oracle Collaborative Planning provides comprehensive stock-out analysis to analyze trends per location over time and enables you to proactively adjust order policies before problems occur.

Reduce planning cycle time through multi-enterprise collaborative planning

Oracle® Collaborative Planning enables you to dramatically reduce your overall supply chain planning cycle time by pulling your trading partners directly into your planning process. Traditionally, when collaborating with your customers and suppliers, it takes weeks of individual planning cycles to synchronize plans and get the correct order forecast and supply commits aligned. Incorporating collaboration in your planning process enables you to further reduce your planning cycle time and increase the adaptability of your supply chain.

Collaborate with customers

The typical demand planning process is inaccurate because of inflated customer forecasts. Oracle® Collaborative Planning helps you to drive towards a more accurate consensus demand forecast by enabling key customers to directly post their forecast, match these forecasts with your sales forecast and supply commits, and to jointly resolve exceptions. Customers that use Oracle® Service Parts Planning can leverage Oracle Collaborative Planning to manager spare part levels at customer locations.

Collaborate with suppliers

Most companies today collaborate with their suppliers to a limited extent, often limited to a few key tier-1 suppliers. Oracle Collaborative Planning offers a more robust process that enables you and your suppliers to compare order forecasts and supply commits, view exceptions for demand-supply mismatches, and analyze supplier commit performance over

time through waterfall analysis. You can react faster to supplier's constraints and reallocate key components and make alternate sourcing decisions.

Oracle Collaborative Planning in combination with Oracle Advanced Supply Chain Planning enables a completely integrated internal and external view of the supply plan. For example, the output of your plan can be published to your suppliers via Oracle® Collaborative Planning directly from the Planners Workbench. The commitments from your suppliers come back as supplier capacity that is considered as a constraint in determining what you can produce to meet your demand based on your supplier capabilities. In addition, planners can view both supply chain collaboration exceptions and plan related exceptions in a single place.

Oracle Collaborative Planning in combination with Oracle Service Parts Planning enables you to manage your order forecast for spare parts (both new buy and external repaired parts) with your spare parts suppliers.

Multi-enterprise collaborative planning

As more and more companies outsource more of the manufacturing process, the next logical step in collaboration becomes multi-enterprise collaboration. Often the key issues and constraints in your supply chain come from further down the supply chain than your immediate suppliers. You can use Oracle Collaborative Planning to communicate supply and demand signals across all tiers of your extended supply chain synchronously. For example, you can decide to publish your customer's order forecast to tier-1 as well as tier-2 suppliers. This can enable them to more quickly report the impacts, in terms of committed capacity, back to you, speeding up the overall planning process. Similarly, you can publish your order forecast to both you tier-1 and key tier-2 component suppliers, to make sure that you can identify problems in your downstream supply chain much earlier.

Respond quickly through Supply Chain Exception Management

Oracle Collaborative Planning provides a variety of tools to give you full visibility to the supply-demand mismatches between you and your trading partners and how they trend over time.

Configurable exceptions and supply chain pegging

Oracle Collaborative Planning provides comprehensive support for supply chain exception management. You can define thresholds at various levels (items, customers, suppliers, combinations, and more) to filter exceptions. There are many seeded exceptions that capture typical exceptions conditions. For example, your supplier's supply commit is less than your order forecast, or the purchase order promise date is later than your need-by date. In addition, you can prioritize exceptions and select to receive notifications. If the 30+ seeded exceptions are not sufficient for your business, you can leverage the custom exception definition wizard to define the exceptions that you need. In addition, Oracle Collaborative Planning provides supply chain pegging capabilities to determine the impact of short (or late) supply to your end demand, and vice versa, for you and your trading partners.

Waterfall analysis

The system supports detailed analysis of supplier commits, order forecasts, and customer forecasts over time through waterfall analysis. You can track how your customer forecasts change over time and compare your forecasts with your customer's. You can also track how

KEY BENEFITS

KEY BENEFITS:

- Reduce planning cycle time through multi-enterprise collaborative planning
- Respond quickly through supply chain exception management
- Reduce inventory cost through responsive replenishment
- Configure to your business needs
- Incremental deployment – get benefits quickly without the loss of integration

RELATED PRODUCTS:

- Oracle® Demand Management: use customer forecast for consensus forecasting process
- Oracle® Advanced Supply Chain Planning: publish order forecast to suppliers and contract manufacturers; receive supply commits from suppliers
- Oracle® Service Parts Planning: publish new buy and external repair forecast to spare parts suppliers and receive supply commits; manage spare parts at customer locations (VMI)
- Oracle® Purchasing: generate replenishment orders; share products, suppliers, order modifiers, approved supplier lists (ASLs), and sourcing rules
- Oracle® iSupplier Portal: collaborate with suppliers for execution and planning via a single supplier portal

your supplier's commits change over time and compare your order forecast with your supplier's commits. Having complete visibility, versioning, and audit trail, enables you to improve your collaboration process as you continue to work with your trading partners.

Configure to Your Business Needs

Oracle Collaborative Planning is highly configurable, not only in terms of data that you share with trading partners, but also in terms of exception event definition and the related workflows.

Secure access through Portals

Oracle Collaborative Planning provides robust data security and leverages secure portals to enable trading partners to only access the supply chain information that you decided to share with them. You can define flexible security rules that govern which data your suppliers and customers can view and enter, and which exceptions they receive at what thresholds.

Workflow automation – Reduce planner workload

Oracle Collaborative Planning makes extensive use of workflow to enable process automation and automated corrective action. This enables you to significantly reduce the non-value added costs of manual activity. For example, workflow notifications will be sent when the exception engine detects supply-demand mismatches, VMI stock-outs, forecast fluctuations, uncommitted supply, and so on.

Oracle Value Chain Planning — A Complete Solution

Oracle's Value Chain Planning solution enables companies to efficiently design, plan, and service their value chains from 'factory to shelf'. Its componentized architecture enables you to start with any product and expand to other areas at any point in time. For example, you can decide to start with improvements to your demand management process because you have a forecast accuracy problem, and then implement constrained supply planning or a sales and operations planning process. The Oracle Value Chain Planning architecture leverages the scalability and security of Oracle's RDBMS and Fusion Middleware technology and can be deployed as a single instance with Oracle E-Business Suite, or integrated with other systems. Whether you implement one module or the entire product solution, Oracle's Value Chain Planning solution enables you to share unified supply chain planning information across the enterprise so you can make smarter decisions faster, with better information.

Contact Us

For more information about the Oracle Collaborative Planning, please visit www.oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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