

# Oracle Fusion Cloud Supply Chain Collaboration

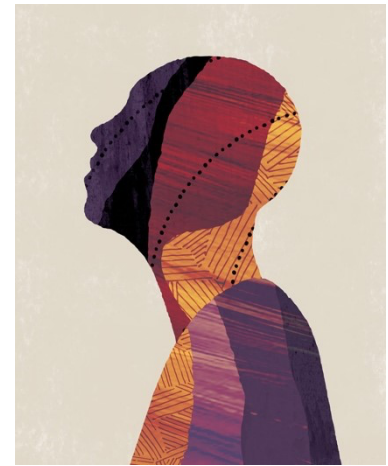
Today's supply chains are global, outsourced, and digital. Effective collaboration can make the difference between success and failure. Oracle Fusion Cloud Supply Chain Collaboration engages your trading partners in decision-making to reduce the impact of supply chain disruptions. It helps you increase demand and supply visibility, automate vendor managed inventory practices, and secure commitment to order forecasts, creating more responsive trading relationships.

## COLLABORATE ON A COMMON PLATFORM

Not all partners are alike. Some have sophisticated IT departments, but others have no internal systems of their own. You need to be prepared to work with all of these companies – big and small. Oracle Fusion Cloud Supply Chain Collaboration offers three different ways to interoperate:

- A portal-based user interface with dedicated applications for planning collaboration, vendor-managed inventory, and production status updates
- B2B message interchange via Oracle's Collaboration Messaging Framework
- A library of collaboration web services that accelerate interactions

You manage the scope, expected service level, and other attributes of the trading relationship in one place, regardless of the interaction approach your partners choose. Business-to-business interactions are tightly integrated with Oracle Fusion Cloud Supply Chain Management applications with no additional assembly required.



### Capabilities

- Create and manage trading partner networks
- Leverage supplier portal, web services, and B2B messaging interfaces
- Collaborate with customers on order forecasts
- Share order forecasts and get supplier commitments
- Collect and process contract manufacturers' production reports
- Monitor supplier on-hand and fulfillment activity
- Manage trading partner exceptions, delays, and changes
- Support order-to-cash and source-to-settle data interchange

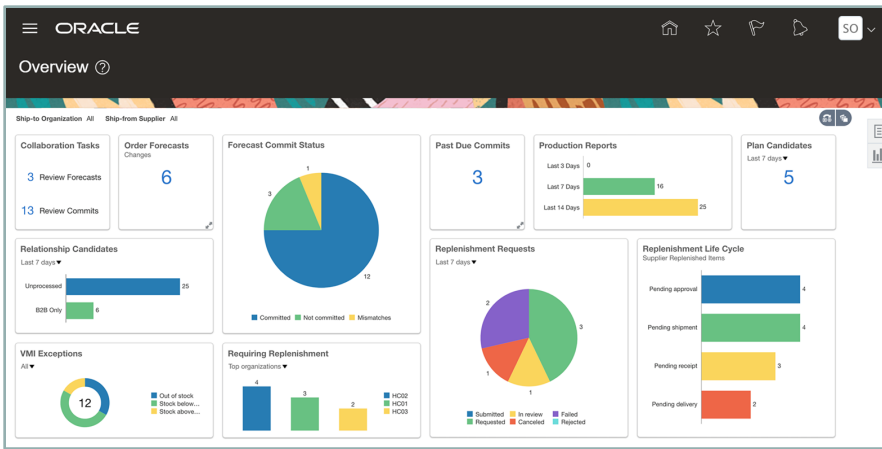


Figure 1. Identify and respond to changes in supply and demand across global networks

## ORCHESTRATE BUSINESS-TO-BUSINESS PROCESSES

You need to tailor your collaboration processes as your business strategies evolve. Oracle Fusion Cloud Supply Chain Collaboration is built on a flexible orchestration infrastructure that enables you to adjust business rules and monitor the execution of business-to-business processes. Dedicated work areas for demand collaboration, vendor-managed inventory, supply collaboration, and contract manufacturing extend the reach of your supply chain processes to your entire trading partner network.

### Supply Planning Collaboration

Share order forecasts with suppliers and get their commitment to deliver critical components, assemblies, and materials when you need them. Effective order forecast collaboration can also uncover opportunities to reduce costs and improve supply quality.

Suppliers can upload their commitments via spreadsheets, enter them online, or transmit them via B2B messages or web services. Oracle Fusion Cloud Supply Chain Collaboration tracks the responses and alerts you if supplier's commitments are late. If a commitment falls short, you can negotiate and make changes on a supplier's behalf when needed.

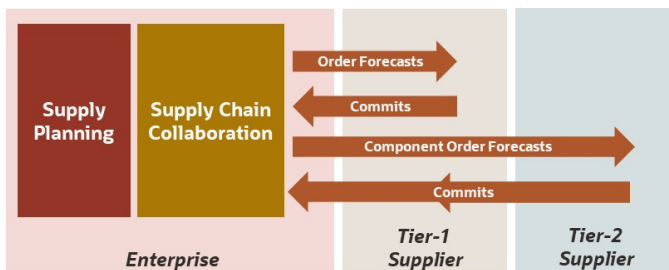


Figure 3. Use planning collaboration to ensure supply reliability

Your tier 1 suppliers can also collaborate with your tier 2 suppliers to ensure the supply of critical components and materials. Enterprise users get a global view of supply across all network tiers.

### Benefits

- Improve partner reliability and accountability
- Reduce inventory liability exposure
- Respond more quickly to supply and demand changes
- Minimize trading partner administration costs
- Extend visibility to trading partner activity
- Digitally connect your supply chain network

## Multi-tier Inventory and Supply Visibility

Synchronize upstream supply information from multiple tiers of suppliers (including external manufacturing organizations) to provide end-to-end supply chain visibility of inventory, production, and fulfillment status to supply planners. This helps you understand how much inventory is available, at which location, and in what form (end-item, sub-assembly, component, or material). Further, it enables you to foresee any exceptions deep in your supply chain and resolve them faster to minimize disruptions to your customer orders.

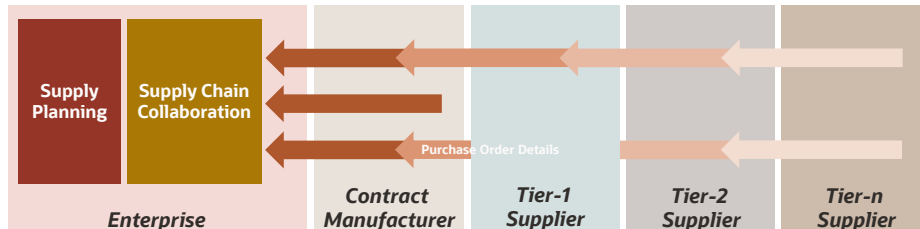


Figure 4. Use multi-tier collaboration for inventory and supply visibility

External manufacturers can upload their supply data using a spreadsheet or a REST service. The supply data includes the on-hand and work order details at the external manufacturer, as well as all the inventory information related to the external manufacturer's collaboration with their suppliers. Oracle Fusion Cloud Supply Chain Collaboration then initiates the supply data load, validates the data, and makes it available to Oracle Fusion Cloud Supply Planning. You can generate a more accurate supply plan by taking this upstream supply data into account, analyzing the plan, identifying exceptions that put demand at risk, and proposing orders that partners can execute to improve the plan quality.

## Vendor Managed Inventory

When you want to delegate responsibility for inventory replenishment to suppliers, Oracle Fusion Cloud Supply Chain Collaboration can share on-hand and consumption data with them, and then guide them through the process of triggering the right replenishment order quantities to keep you in stock.

Suppliers get a clear indication of any out-of-stock or understock items, minimum and maximum thresholds, and one-click access to the associated purchase orders, shipments, receipts, invoices, and payments. Enterprise users can monitor the overall status across all VMI suppliers and intervene when needed to address performance challenges.

Item	Item Description	Organization	Supplier	Status	On-Hand Quantity	Replenishment Quantity	Purchase Order Quantity	In-Transit Quantity	Received Quantity	Minimum Quantity	Maximum Quantity
FSCC-CNTRML-05	ML Controller	V1	CV_SuppA01	On Hand 0 On Order 110	0	10	20	80	0	100	500
FSCC-CNTRDL-01	DL Controller	M1	CV_SuppA01	On Hand 0 On Order 180	0	70	106	2	2	1	100
FSCC-CPU7500U-2	CPU	M2	CV_Supp001	On Hand 110 On Order 0	110	0	0	0	0	10	100
FSCC-CPU7500U-2	CPU	M3	CV_Supp001	On Hand 0 On Order 112	0	0	2	110	0	10	100
FSCC-CPU7500U-2	CPU	M1	CV_Supp001	On Hand 0 On Order 40	0	20	20	0	0	10	100
FSCC-CNTRDL-04	DL Controller	V1	CV_SuppA01	On Hand 0 On Order 120	0	20	80	20	0	50	10000

Figure 2: Suppliers can replenish inventory locations through a visual VMI workbench

## Contract Manufacturing Collaboration

Contract manufacturing can lower your costs and enhance your capacity to deliver, while allowing you to focus on your brand. However, it can also expose you to significant risk of supply disruptions. Oracle Fusion Cloud Supply Chain Collaboration can help you reduce these risks by providing more complete and timely visibility into production status.

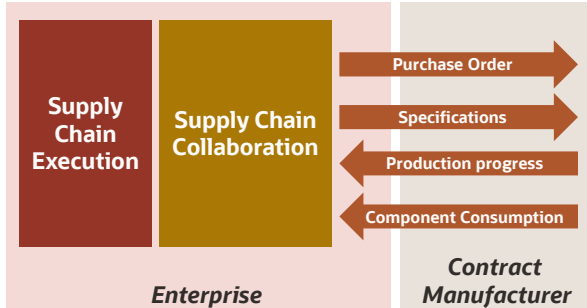


Figure 4. Use contract manufacturing collaboration to monitor production

Contract manufacturers can upload spreadsheet-based production reports using a simple portal-based user interface. Oracle Supply Chain Collaboration then automatically updates the work order completion status and material usage in the manufacturing component of Oracle Fusion Cloud Supply Chain Execution.

## Demand Collaboration

Collaborate with your customers to better anticipate their needs and smoothly execute your supply chain operations. Your customers, such as retail outlets, distributors, franchisees, or channel partners, may share their consumption information or order forecasts with you using Oracle Fusion Cloud Supply Chain Collaboration. Oracle Fusion Cloud Demand Management can then use the customer order forecast as a demand signal to generate a consensus supply forecast.

You can share the consensus supply forecast with customers, so they are better aware of your ability to deliver. Meanwhile, you can incorporate the customer input into your enterprise-wide demand and supply planning processes.

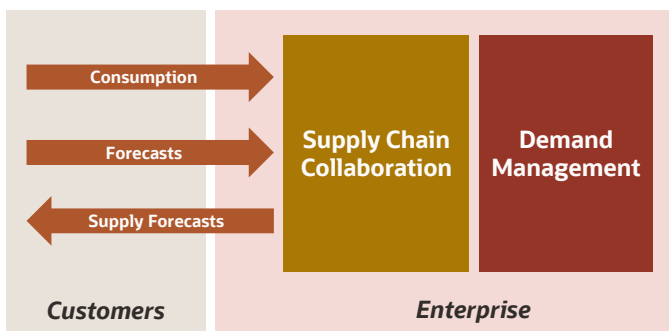


Figure 5. Use demand collaboration to align customer expectations

Customers can upload their order forecasts or consumption history via spreadsheets or transmit them via B2B messages or web services. Oracle Fusion Cloud Supply Chain Collaboration tracks the customer upload progress and the health of the end-to-end integration with Oracle Fusion Cloud Demand Management.

### Related Products

- **Oracle Fusion Cloud Demand Management** predicts and models future shipments, orders, and other demand signals.
- **Oracle Fusion Cloud Sales & Operations Planning** aligns business plans and operations across the sales, marketing, finance, and supply chain organizations.
- **Oracle Fusion Cloud Order Management** centralizes and standardizes your order fulfillment across multiple sales channels.
- **Oracle Fusion Cloud Supply Chain Execution** defines and executes production, shipping, receiving, transfers, and other execution activities across the global supply chain.

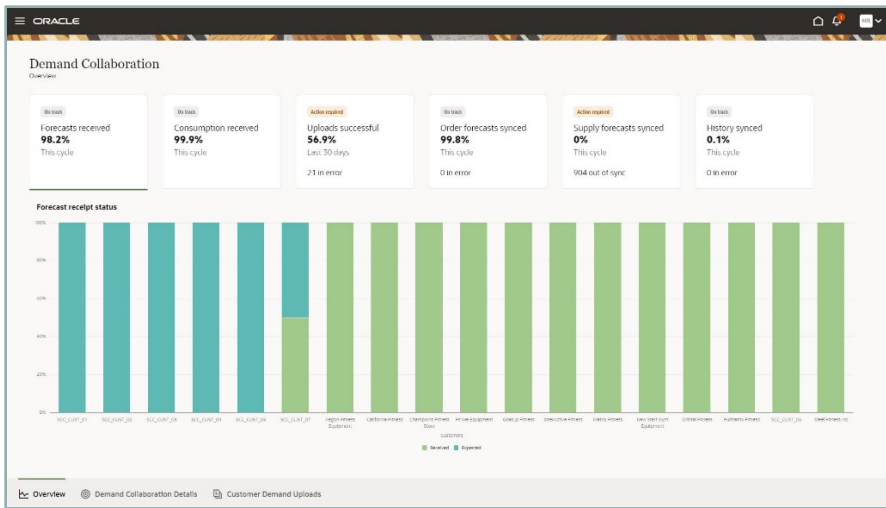


Figure 6. Use demand collaboration to align customer expectations

Effective collaboration with your customers can help improve the overall forecast accuracy and streamline your business processes. It can also uncover opportunities to reduce costs and improve supply quality.

## AUTOMATE B2B MESSAGE PROCESSING

Managing communications with hundreds of suppliers, logistics providers, and other companies is time-consuming and error prone. Oracle Fusion Cloud Supply Chain Collaboration reduces the effort and cost of collaboration by leveraging Oracle Fusion Cloud's built-in Collaboration Messaging Framework. It maps and routes standards-based messages to individual trading partners and exchanges information with popular service provider networks. A single out-of-the-box connection can support an entire community of trading partners. The service provider takes care of any translations to EDI, flat file, or other formats, so you don't have to worry about technical details.

Collaboration Messaging Framework offers out-of-the-box cXML, UBL (PEPPOL), and OAGIS-standard messaging pre-integrated with Oracle Fusion Cloud applications (Oracle Fusion Cloud Supply Chain Management, Oracle Fusion Cloud Procurement, and Oracle Fusion Cloud ERP) for the most common business-to-business processes:

- *Source-to-Settle Collaboration:* process purchase orders, changes, shipments, and invoices
- *Order-to-Cash Collaboration:* process, acknowledge, change, and cancel sales orders, issue ship notifications, and send invoices
- *Supplier Collaboration:* send order forecast, receive order forecast commits, and receive supply planning data
- *Customer Collaboration:* receive order forecast

## STRATEGICALLY EXTEND YOUR SUPPLY CHAIN

Oracle Supply Chain Collaboration brings the simplicity, power, and scale of Oracle Cloud applications to business-to-business processes. It provides a strategic advantage over ad hoc communications and enables you to increase trading partner connections to achieve multi-tier supply chain network visibility.

To learn more about Oracle Fusion Cloud Supply Chain Collaboration, visit [oracle.com/scm/supply-chain-planning/supply-chain-collaboration](https://oracle.com/scm/supply-chain-planning/supply-chain-collaboration).

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