

Oracle Fusion Cloud Supply Chain Collaboration

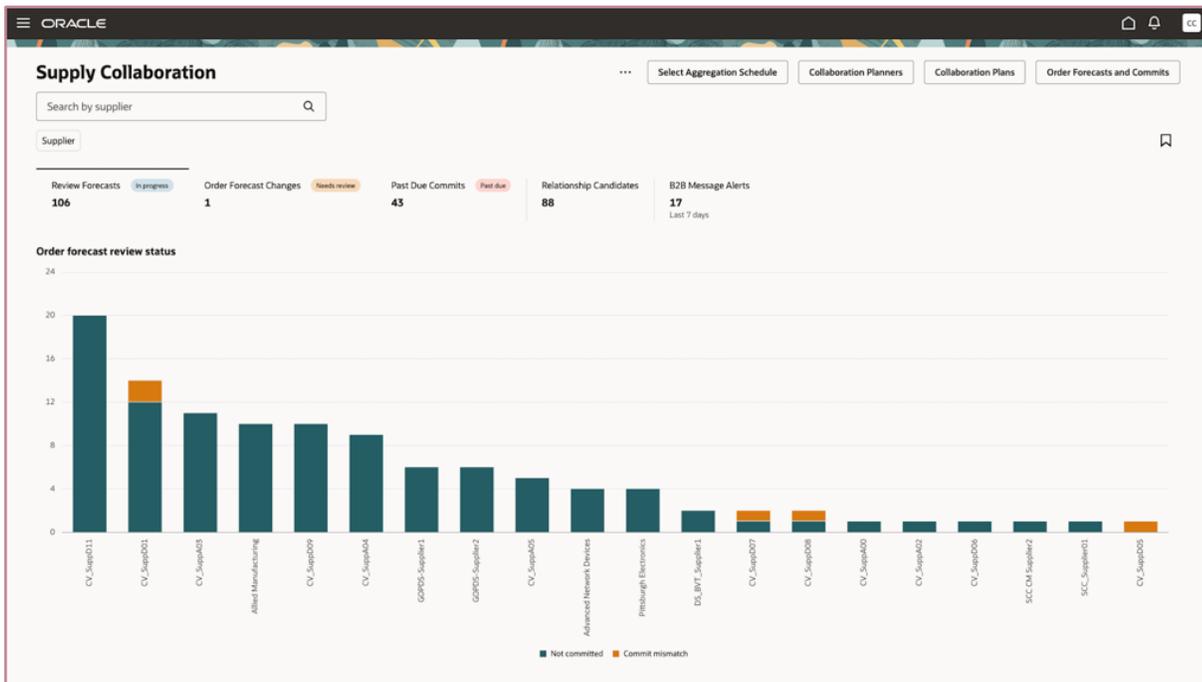
Today's supply chains are global, outsourced, and digital. Effective collaboration can make the difference between success and failure. Oracle Fusion Cloud Supply Chain Collaboration engages your trading partners in decision-making to reduce the impact of supply chain disruptions. It helps you increase demand and supply visibility, automate vendor managed inventory practices, and secure commitment to order forecasts. The result? 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 these companies – big and small. Oracle 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 the Collaboration Messaging Framework
- A library of collaboration web services

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



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. Every business-to-business interaction is tightly integrated with Oracle Fusion Cloud Supply Chain Management applications. No additional assembly is required.

Orchestrate business-to-business processes

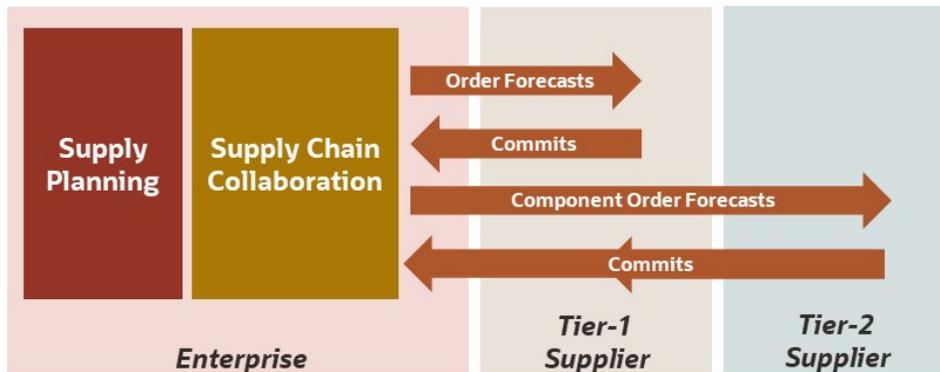
You need to tailor your collaboration processes as your business strategies evolve. Oracle Supply Chain Collaboration is built on a flexible orchestration infrastructure that enables you to adjust business rules and monitor the execution of business-to-business processes. Dedicated work areas for demand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

Supply Planning Collaboration

You can 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 or improve supply quality.

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

Figure 2. Use planning collaboration to ensure supply reliability.

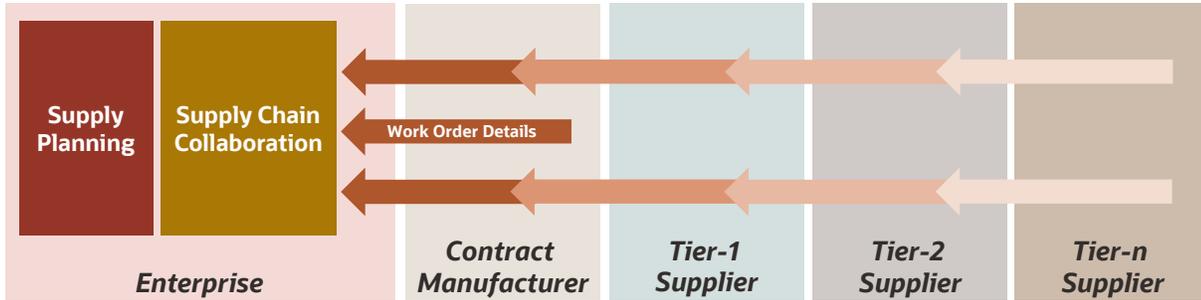


Your tier 1 suppliers can also collaborate with your tier 2 suppliers to ensure the supply of critical components and materials. Enterprise users get a global view of supply across both network tiers.

Multi-tier Inventory and Supply Visibility

You can digitally 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 3. Use multi-tier collaboration for inventory and supply visibility.



External manufacturers can upload their supply data information 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 Supply Chain Collaboration then initiates the supply data load, validates the data for any errors, and makes the data available to Oracle Fusion Cloud Supply Planning. You can generate a more accurate supply plan by taking this upstream supply data into account, analyze the plan, identify the exceptions that put demand at risk, and propose orders that partners could execute to improve the plan quality.

Vendor-Managed Inventory

When you want to delegate the responsibility for inventory replenishment to suppliers, Oracle Supply Chain Collaboration shares on-hand and consumption data with them. It then guides their users 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 problems.

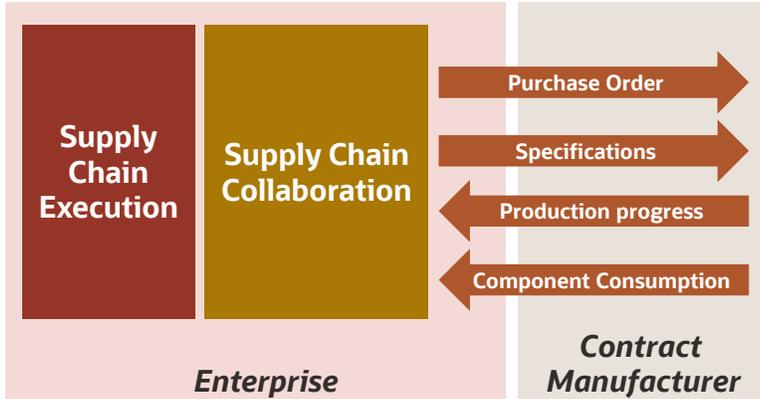
Figure 4: Suppliers can replenish your inventory locations through a visual VMI workbench.

Alerts	Item	Item Description	Supplier Item	Organization	Supplier Name	Inventory Status	Inventory Quantity	On Hand	UOM Name	Replenishment Quantity	Purchase Order...
	OAX_PROC_VMI_HP8001	SYRINGE 10 -12 CC		M1	CV_SuppA00	In stock		25	Kilogram	0	0
	OAX_PROC_VMI_HP8002	SYRINGE 3 CC		M1	CV_SuppA00	In stock		15	Each	0	0
	SCC-1TB	SCC-1TB		M1	CV_SuppA00	Stock above maximum		0	Each	17	0
	SCC-500GB	SCC-500GB		M1	CV_SuppA01	Out of stock		0	Each	0	0
	SCC-CNTRDL-01	DL Controller		M1	CV_SuppA01	Stock above maximum		0	Each	113	136
	SCC-CNTRDL-02	DL Controller	SuppA05-SCC-CNTRDL-02	M2	CV_SuppA05	Out of stock		0	Each	0	0
	SCC-CNTRDL-03	DL Controller		V1	CV_SuppA01	Out of stock		0	Each	0	0
	SCC-CNTRDL-03	DL Controller		M1	CV_SuppA01	Out of stock		0	Each	0	0
	SCC-CNTRDL-04	DL Controller		V1	CV_SuppA01	In stock		0	Each	0	100
	SCC-CNTRML-05	ML Controller		V1	CV_SuppA01	Out of stock		0	Each	0	0
	SCC-CPU7500U-1	CPU 7500		M1	CV_SuppD01	Out of stock		0	Each	0	0
	SCC-CPU7500U-1	CPU 7500		M5	CV_SuppD01	Out of stock		0	Each	0	0
	SCC-CPU7500U-1	CPU 7500		M2	CV_SuppD01	Out of stock		0	Each	0	0
	SCC-CPU7500U-2	CPU		M1	CV_SuppD01	In stock		0	Each	0	20

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. Contract manufacturing collaboration can help you reduce these risks by providing more complete and timely visibility into production status.

Figure 5. Use contract manufacturing collaboration to monitor production.



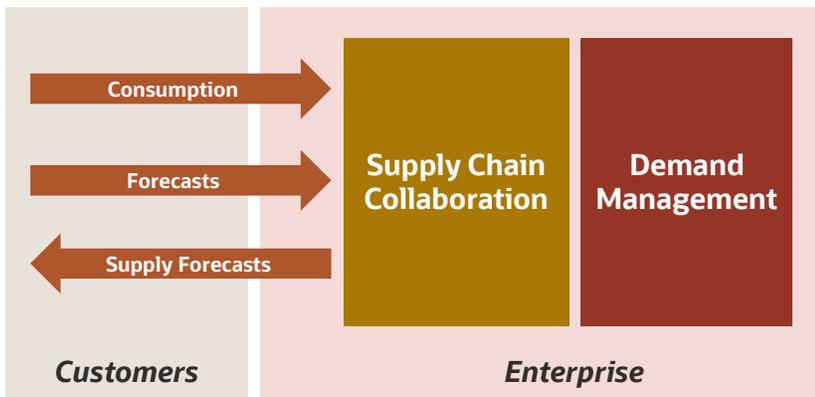
Contract manufacturers can upload spreadsheet-based production reports using a simple portal-based user interface. Oracle Supply Chain Collaboration then automatically updates the work order completion status and material usage in the manufacturing component of Oracle Fusion Cloud Supply Chain Execution.

Demand collaboration

You can 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 Supply Chain Collaboration, which is collected into Oracle Fusion Cloud Demand Management. In Oracle Demand Management, the customer order forecast is used as a demand signal to generate a consensus supply forecast.

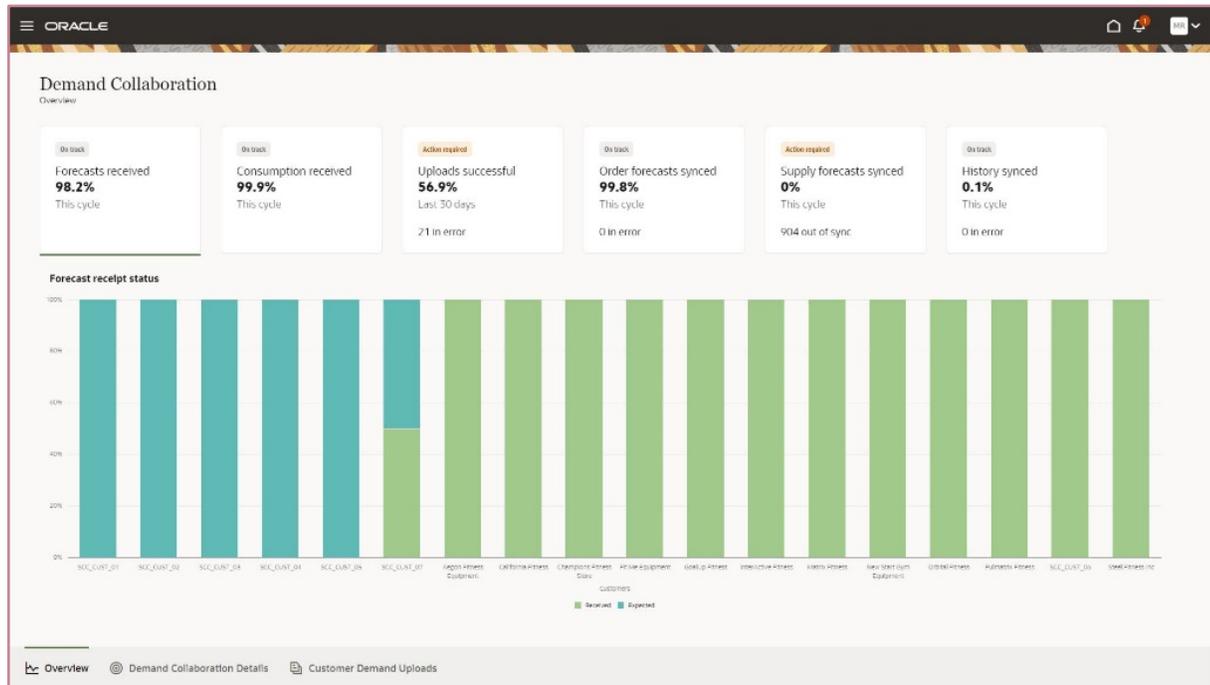
You can share the consensus supply forecast with customers through Oracle Supply Chain Collaboration, so they are better aware of your ability to deliver. Meanwhile, you can incorporate the customer input into your enterprise-wide demand and supply planning processes.

Figure 6. 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 Supply Chain Collaboration tracks the customer upload progress and the health of the integration with Oracle Demand Management.

Figure 7. Use demand collaboration to align customer expectations.



Interoperate with standards-based B2B messaging

Managing communications with hundreds of suppliers, logistics providers, and other companies is time-consuming and error prone. Oracle Supply Chain Collaboration reduces the effort and cost of collaboration by leveraging a revolutionary messaging platform called the Collaboration Messaging Framework. It not only maps and routes standards-based messages to individual trading partners; it interoperates 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 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

In the digital era, even the best company working in isolation can't prevail over well-integrated competitors. To win, your supply chain must be more effective than their supply chain. Oracle Supply Chain Collaboration brings the simplicity, power, and scale of Oracle Cloud applications to business-to-business processes, offering you a strategic advantage over ad hoc communications. It's a platform that can grow and evolve at the pace of your business.

Related services

The following Oracle Cloud services support Oracle Supply Chain Collaboration:

- **Oracle Fusion Cloud Demand Management** predicts and models future shipments, orders, and other demand signals.
- **Oracle Fusion Cloud Sales and Operations Planning** aligns business plans and operations across the sales, marketing, finance, and supply chain organizations.
- **Oracle Fusion Cloud Supply Planning** plans material and capacity and responds to demand, availability and resource issues as they occur.
- **Oracle Fusion Cloud Order Management** centralizes and standardizes your order fulfillment across multiple sales channels.
- **Oracle Fusion Cloud Supply Chain Execution** handles inventory, costing, maintenance activities and manufacturing of both in-house and contract-manufactured goods.
- **Oracle Fusion Cloud Procurement** integrates sourcing, contracts and purchasing of goods and services.

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