

# Oracle Cloud Supply Chain Collaboration

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

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 Cloud Supply Chain Management applications. No additional assembly is required.



### Capabilities

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

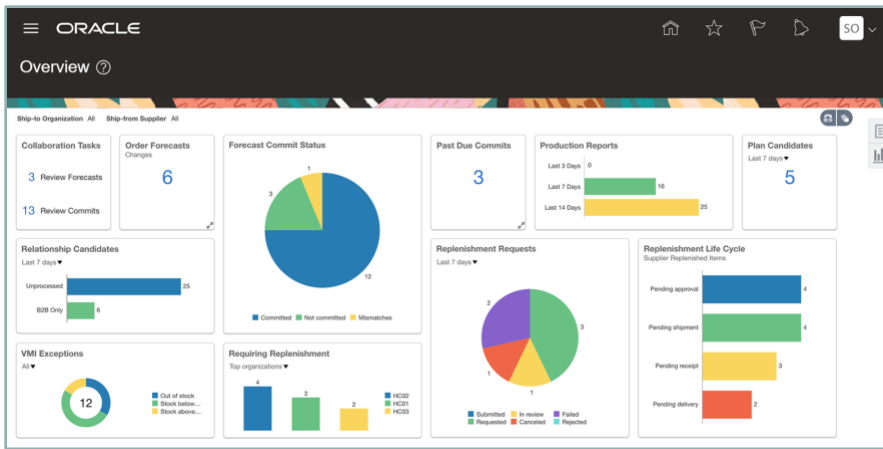


Figure 1. Quickly respond to changes in supply and demand across global networks

## ORCHESTRATE BUSINESS-TO-BUSINESS PROCESSES

You need to tailor your collaboration processes as your business strategies evolve. Oracle 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 vendor-managed inventory, planning collaboration, and contract manufacturing extend the reach of Oracle Cloud SCM 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. 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.

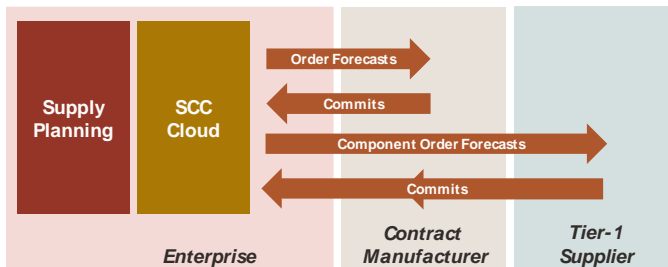


Figure 2. Use planning collaboration to ensure supply reliability

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

#### Benefits

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

exceptions deep in your supply chain and resolve them faster to minimize disruptions to your customer orders.

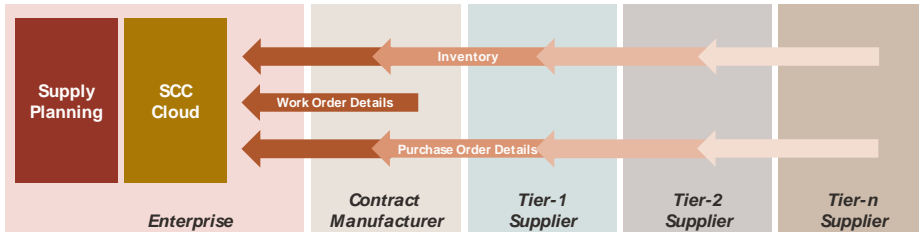


Figure 3. Use multi-tier collaboration for inventory and supply visibility

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. Collaboration then initiates the supply data load, validates the data for any errors, and makes the data available to Oracle 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, 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 problems.

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 100	0	70	106	2	2	1	100
FSCC-CPU7500J-2	CPU	M2	CV_Supp001	On Hand 110 On Order 0	110	0	0	0	0	10	100
FSCC-CPU7500J-2	CPU	M3	CV_Supp001	On Hand 0 On Order 112	0	0	2	110	0	10	100
FSCC-CPU7500J-2	CPU	M1	CV_Supp001	On Hand 0 On Order 80	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 4. Suppliers can replenish your 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. Contract manufacturing collaboration can help you reduce these risks by providing more complete and timely visibility into production status.

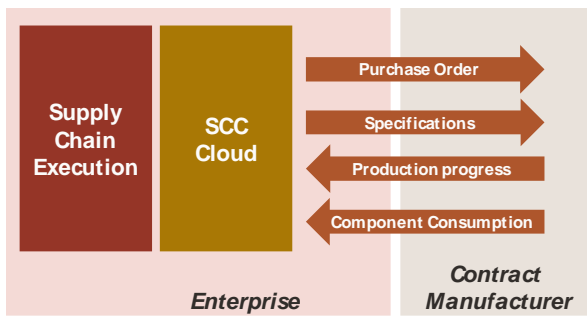


Figure 5. Use contract manufacturing collaboration to monitor production

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

## INTEROPERATE WITH STANDARDS-BASED B2B MESSAGING

Managing communications with hundreds of suppliers, logistics providers, and other companies is time-consuming and error prone. Oracle Cloud 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. That way, 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 Cloud Supply Chain Management, Oracle Cloud Procurement, and Oracle 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
- *Planning Collaboration:* process planning schedule and acknowledge planning schedule

## 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 has to beat their supply chain. Oracle Cloud 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 Products

- *Oracle Cloud Demand Management* predicts and models future shipments, orders, and other demand signals.
- *Oracle Cloud Sales & Operations Planning* aligns business plans and operations across the sales, marketing, finance, and supply chain organizations.
- *Oracle Cloud Supply Chain Collaboration* shares order forecasts with suppliers and collaborates on their supply commitments.
- *Oracle Cloud Order Management* centralizes and standardizes your order fulfillment across multiple sales channels.
- *Oracle Cloud Supply Chain Execution* defines and executes production, shipping, receiving, transfers, and other execution activities across the global supply chain.
- *Oracle Cloud Procurement* integrates sourcing, contracts, and purchasing of goods and services.

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