SAP Ariba

Feature at a Glance
Subcontracting process improvements for component inventory

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THE BEST RUN **SAP**

Low touch / simple

Global

Feature at a Glance

Introducing: **Subcontracting process improvements for component inventory**

Customer challenge

Buyers cannot force suppliers to send component consumption data in real-time or enter consumed components in ship notice items related to subcontracting purchase orders. In addition buyers cannot prevent suppliers from using specific batches of component inventory.

Meet that challenge with
SAP Ariba

With this feature, buyers and suppliers can filter components and batches by both the inventory quantity and the available quantity. In addition, buyers can impose one or more additional requirements for component inventory: deactivate individual parts batches to prevent suppliers from using them, require all ship notice items to contain consumed components, and require real-time consumption of selected purchase order items.

Experience key benefits

This feature improves ease of use for buyers and suppliers for managing component inventories and introduces logic to increase compliance to better control inventories and consumptions in a subcontracting process.

Solution area

SAP Ariba Supply Chain Collaboration

Implementation information

This feature is **automatically on** for all customers with the applicable solutions and is ready for immediate use.

Prerequisites and Restrictions

Buyers must be entitled for SAP Ariba Supply Chain Collaboration solution.
Suppliers must have a trading relationship with a buyer entitled for the Supply Chain collaboration solution.
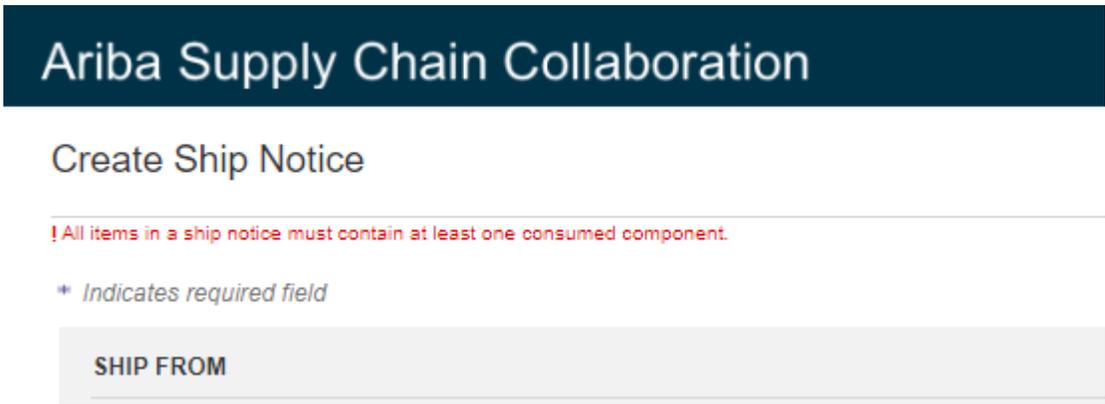
Feature at a Glance

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Buyers can deactivate selected component batches so that suppliers cannot consume them anymore.
Buyers can require all items in a ship notice to contain at least one consumed component, either with real-time consumption or in the ship notice itself (if the buyer does not require real-time consumption). In addition to the component inventory batch quantity buyers and suppliers can see **consumed** and **available** quantity per component batch.

In order to activate this logic this feature adds transaction rule **Require all items in a ship notice to contain at least one consumed component**.

Require that if suppliers confirm service orders, they do so at the child line level. ⓘ	☐
Allow suppliers to create a component receipt for multiple multi-tier ship notices. ⓘ	☐
Require all items in a ship notice contain at least one component consumption.	☑

Supplier gets an error message if he/she tries to submit an ASN without having added at least one consumed component.

Ariba Supply Chain Collaboration

Create Ship Notice

! All items in a ship notice must contain at least one consumed component.

⁕ Indicates required field

SHIP FROM

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Supplier User Interface Changes

On the **Inbox** → **Extended collaboration** → **Component inventory** page the feature introduces
- *Consumed* Quantity and *Balance* Quantity columns

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Buyer User Interface Changes

On the **Outbox** → **Extended collaboration** → **Component inventory** page the feature introduces
- Status search filter with choices *All, Enabled* and *Disabled*.
- *Consumed* Quantity and *Balance* Quantity columns
- *Active* and *Deactive* buttons. Click one of these buttons to change the selected records to activate or deactivate status, respectively

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Supplier User Interface Changes

On the **Inbox** → **Extended collaboration** → **Component inventory** page this feature adds *Consumed* Quantity and *Balance* Quantity columns

When the view *View all component inventory* checkbox is checked, records with a Balance quantity of 0 are displayed in the Component inventory table, otherwise those are hidden.

Multi-Tier Orders	Component Inventory	Component Shipments	Return Shipments	Consignment Movements	Multi-Tier Shipments	Multi-Tier Items to Ship

∨ Search Filters

Customer		Customer location	
Supplier part no.			
Customer part no.	PROC-FU-SMI		☑ View All Component Inventory
Batch #			

Search   Reset

Component Inventory (2)

Customer Batch	Part #	Batch #	Customer	Location	Buyer Part #	Qty(Unit)	Consumed Qty	Balance Qty
	FUABC		LOB APJ Buyer 1	Atlanta2	PROC-FU-SMI	null (null)		0
			LOB APJ Buyer 1	Atlanta	PROC-FU-SMI	null (null)		0

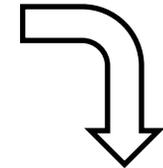« ‹ 1 › »

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If a purchase order line item has the cXML attribute **requiresRealTimeConsumption** set to yes, this feature disables the editable fields of the item in the **Consumed Components** section of the **Orders and Releases** → **Ship Notice** → **Create Ship Notice**.
This action prevents suppliers from using the ship notice to report consumption.

Example cXML:

```
<ItemOutIndustry planningType="MTS" requiresRealTimeConsumption="yes"></ItemOutIndustry>
<Batch productionDate = "2013-06-10T14:37:31-07:00" expirationDate = "2014-06-10T14:37:31-07:00" originCountryCode = "US">
    <BuyerBatchID>BUYBATCHIDW02</BuyerBatchID>
    <SupplierBatchID>SUPBATCHIDW02</SupplierBatchID>
    <PropertyValuation>
        <PropertyReference>
            <IdReference identifier = "CHEMICAL" domain = "ID"/>
            <IdReference identifier = "1" domain = "VersionID"/>
            <IdReference identifier = "MEDICINE_PROPERTIES" domain = "PropertyDefinitionClassReferenceID"/>
            <IdReference identifier = "1" domain = "PropertyDefinitionClassReferenceVersionID"/>
        </PropertyReference>
        <ValueGroup>
            <IdReference identifier = "2" domain = "ID"/>
```

mandating real-time consumption

Items to Ship (2)

	Priority	Sub-Priority	Inventory Level	Need By ↑	Customer Part No.	Description	Order Number	Item	Schedule Line No.	Schedule Line Change	Commitment Level	Customer Location / Desc
▼ Ship To: Atlanta 867 1 300 Peach tree street South , ATLANTA , GA , 30310 , United States (1)												
☐				11 Sep 2019 1:00:00 AM	PROC-FU-001	FUs product	4500130589	10	1			
▼ Ship To: FromPlant1 123 Anystreet , Sunnyvale , CA , 94089 , United States (1)												
☑				21 Sep 2019 10:00:00 AM	BuyPARTID001	Laptop 4 PK	subContractPO062519wFU	1	1			01f *FromPlant1*

| ↳ | **Create Ship Notice** | Create Quality Notification | ! Unable to create the ship notice. Buyer LOB APJ Buyer 1 requires real-time consumption for line item 1 in document subContractPO062519wFU. |