Feature at a Glance

Prevent Component Consumption That Exceeds the Authorized Quantity (CSC-30446)

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Target GA: November 2022

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Introducing: **Prevent Component Consumption That Exceeds The Authorized Quantity**

Customer Challenge

When reporting consumption of components suppliers are able to record quantity of components which are above the quantity of components suggested by the buyer in the sub contracting PO/SA/SAR items.

Buyers would like to have an option to prevent supplier from recording of components above the components provided in PO/SA/SAR items.

Experience Key Benefits

This would help the buyers and suppliers ensure that the quantity of the components consumed doesn't exceed the suggested quantity of the components in PO/SA/SAR items by the buyer.
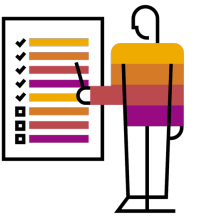
Audience:

- Buyers and Suppliers

Enablement Model:

- Customer Configured

Applicable Solutions:

- SAP Ariba Supply Chain Collaboration

Prerequisites, Restrictions And Cautions

Prerequisites

- SAP Ariba Supply Chain Collaboration entitlement needs to be enabled to use the capability.

Restrictions

- When a new component is added during the component consumption which is not part of purchase order(PO) / scheduling agreement(SA) / scheduling agreement release(SAR) item it will be ignored.

- The validation of components is not supported for ASN upload via excel.

Cautions

- The validation will not happen in some cases when there is missing batch information between PO and ASN.

User Story
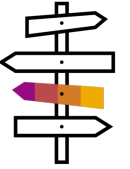
The buyers and suppliers are collaborating using sub contracting PO / SA / SAR. The order document from the buyer to the supplier comes with BOM data providing details of the quantity of components to be consumed to make the finished products.

As the supplier starts producing the finished product ordered by the buyer and

- Creates an advanced ship notice(ASN)
- Reports the components consumed from the PO

the buyer would like to prevent the supplier from consuming more quantity of the components than the quantity suggested in the PO/SA/SAR item.
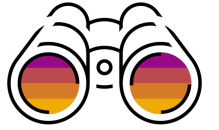
Feature Details
New Transaction Rule To Enable the Check For Consumed Component Quantity

Component Consumption Rules

(1)

☐ Do not allow consumption to exceed balance quantity in component inventory.

☑ Require all quantities of consumed components in a ship notice not to exceed the component quantities in the related purchase order, scheduling agreement, or scheduling agreement release.

☐ Require buyer batch matching in component inventory.

☐ Require suppliers to provide a unique asset serial number for each purchase order line item with consumed components.

☐ Require the total count of shipment serial numbers to not exceed the total quantity shipped for line items with consumed components.

☐ Require suppliers to provide asset serial numbers for the total shipped quantity of line items with consumed components.

1. The highlighted newly introduced transaction rule is available for buyer under "Component Consumption Rules" section should be enabled to validate the component being consumed against the component quantity suggested in the PO/SA/SAR item.
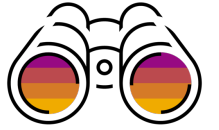
Feature Details
Check For Consumed Quantity Performed When Creating an ASN

Line #	No. Schedule Lines	Part #	Customer Part #	Type	Category	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location	
⚠ 10	1	SupPartID_Item1	BuyPartID_Item1	Material Invoicing not possible	Subcontract			110.000 (PCE)	29 Nov 2022	$10.00 USD	$1,100.00 USD		Summary

Description: Antenna Assembly

Retail Details

Product EAN/UPC: 123456	

Status

110.000 Unconfirmed	

Control Keys

Order Confirmation: not allowed	
Ship Notice: allowed	
Invoice: is ERS	
Invoice Verification Type: goods receipt	

Schedule Lines   Hide Schedule Line Details

Schedule Line #	Delivery Date	Ship Date	Quantity (Unit)	Customer Proposed Qty (Unit)	Customer Proposed Delivery Date	
10	15 Oct 2022 9:00 AM PDT		110 (PCE)			Hide Components

Components

Line	Customer Part # / Description	Customer Batch #	Part #	Batch #	Date Required	Qty (Unit)
compID_It1SL1_001	BuyPartID_It1SL1_SC01 SubcontractingComponent 1		SupPartID_It1SL1_SC01		2 Sep 2022 9:00 AM PDT	10 (PCE)
compID_It1SL1_002	BuyPartID_It1SL1_SC02 SubcontractingComponent 2		SupPartID_It1SL1_SC02		2 Sep 2022 9:00 AM PDT	20 (PCE)
compID_It1SL1_003	BuyPartID_It1SL1_SC03 SubcontractingComponent 3		SupPartID_It1SL1_SC03		2 Sep 2022 9:00 AM PDT	40 (PCE)
compID_It1SL1_004	BuyPartID_It1SL1_SC04 SubcontractingComponent 4		SupPartID_It1SL1_SC04		2 Sep 2022 9:00 AM PDT	40 (PCE)

Other Information

External Line Number: 10	
Estimated days for inspection: 0	

(1)

1. Components for item 10(having one schedule line with number 10) of a subcontracting PO sent by the buyer to the supplier.

Feature Details
Check For Consumed Quantity Performed When Creating an ASN

While reporting the component consumption information when creating ASN for the PO the supplier

1. Entered the quantity 10 for the component as mentioned in the PO and the quantity was accepted.

2. Entered the quantity 23 for the component which is above the quantity 20 mentioned in the PO an error message "Quantity of component to consume exceeds the remaining allowed quantity (20) for consumption for the order item." is displayed.

Thus preventing over consumption of components.

Feature Details

Check For Consumed Quantity Performed When Reporting Consumption From PO/SA/SAR

While reporting the component consumption information for the PO the supplier

1. Entered the quantity 10 for the component as mentioned in the PO and the quantity was accepted.

2. Entered the quantity 23 for the component which is above the quantity 20 mentioned in the PO an error message "Quantity of component to consume exceeds the remaining allowed quantity (20) for consumption for the order item." is displayed.

Thus preventing over consumption of components.

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