



SAP Ariba 

Feature at a Glance

Component consumption and component inventory enhancements

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CONFIDENTIAL

Feature at a Glance

Ease of implementation  Low touch / simple
Geographic relevance  Global

Introducing: Component consumption and component inventory enhancements

Customer challenge

Currently the Ariba Network does not capture consumed quantity for a batch managed material but it depends on the buyers ERP to update the balance. The requirement is to have a local calculation on the Ariba Network to instantly determine and display consumed and balance quantity per batch.

Meet that challenge with SAP Ariba

The following enhancements have been made to address those needs:

- A new component inventory business rule allows buyers to choose whether to display an error message whenever consumption exceeds the available batch quantity.
- The batches popup window shows the Consumed Quantity and the Balance Quantity.
- The balance quantity amount is now calculated whenever the supplier submits a new component consumption report or a ship notice.

Experience key benefits

This feature helps to increase compliance and ease of use 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 but requires **customer configuration**.

Prerequisites and Limitations

This feature only applies to batch-managed components.

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Detailed feature information

A new component inventory business rule allows buyers to choose whether to display an error message or just a warning whenever consumption exceeds the available quantity. As a buyer administrator go to **Administration** → **Configuration** and select page **Default transaction rules**. In the section **Component Consumption Rules** you'll find the new rule:

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

If this rule is checked, an error message appears whenever consumption of a batch managed component exceeds the available quantity. This error message can appear when the supplier tries to submit a ship notice or component consumption report. If you want to allow suppliers to send a ship notice or a component consumption report with a negative stock quantity, leave this rule unchecked.

The Default setting is No, that means the rule is unchecked by default and no error message is raised when consumption quantity exceeds the available batch quantity.

Component Consumption Rules

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

Quick Enablement Rules

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Detailed feature information

The Batches popup window, which displays when suppliers click the **Look Up** link next to the Customer Batch # field on the Create Consumption Document page, has two new columns showing the Consumed Quantity and the Balance Quantity.

Order Items

Order ID	Item	Customer Part No. / Description	Customer Batch No.	Part No.	Batch No.	Yield Quantity	
4500130376	10	PROC-MC-ID-5000		Non Catalog Item	<input type="text"/>	<input type="text"/>	Duplicate Summary Remove

Industrial Equipment 5000

Consumption is complete.

Consumed Components

Line	Customer Part No. / Description	Customer Batch No.	Part No.	Batch No.	Quantity	Unit	
1	PROC-FU-001	<input type="text"/>		<input type="text"/>	<input type="text" value="10"/>	<input type="text" value="EA"/>	Duplicate

FUs product

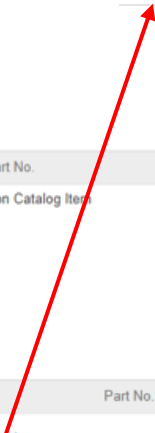
[Add Component](#) [Copy Order Quantities](#) [Clear All Quantities](#)

BATCHES

Customer: LOB APJ Buyer 1 - TEST
Customer Part No.: PROC-FU-B1

Customer Batch No. ↑	Batch No.	Customer Part No.	Supplier Part No.	Quantity	Consumed Quantity	Balance Quantity
<input type="radio"/>	FUBATCH1	PROC-FU-B1		10 (EA)	0 (EA)	10 (EA)
<input type="radio"/>	FUBATCH2	PROC-FU-B1		8 (EA)	0 (EA)	8 (EA)

[Select](#) [Cancel](#)



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If the rule 'Do not allow consumption to exceed balance quantity in component inventory' is checked the consumed quantity cannot exceed available quantity of the batch.

The screenshot shows the SAP Component Inventory search interface. The search filters are set to: Customer: All Customers, Location: (empty), Part #: (empty), Customer Part #: PROC-FU-B1, and Customer Batch #: FUBATCH1. The search results show one entry for Component Inventory (1) with the following details:

Customer Batch #	Part #	Batch #	Reference Number	Expiry Date	Qty (Unit)	Customer ↑	Location	Last Updated
FUBATCH1					10 (EA)	LOB APJ Buyer 1 - TEST		15 Mar 2019 1:32:07 PM

The screenshot shows the SAP Component Consumption form. The form includes a table for Consumed Components with the following data:

Line	Customer Part No. / Description	Customer Batch No.	Part No.	Batch No.	Quantity	Unit
1	PROC-FU-B1	FUBATCH1			11	EA

Below the table, there is a red error message: '! Consumed quantity exceeds balance quantity'. The form also includes buttons for 'Duplicate', 'Summary', and 'Remove'.

Available batch quantity = 10 EA

Error message when trying to consume > 10 EA