

# **Feature Overview**



# Introducing: Subcontracting Process Enhancements - CSC-40375

## **Feature Description**

Subcontracting Process Enhancements.

## **Key Benefits**

This capability will enable the buyer to enforce the mandatory provision of customer batch by the supplier for the scenario where the component material is batch managed. Allow for the provision of the remainder component quantity to be consumed when reporting component consumption in SAP BN UI.

Audience:

**Buyer and Supplier** 

**Enablement Model:** 

High Touch

**Applicable Solutions:** 

SAP Business Network

# **Prerequisites, Restrictions And Cautions**

#### **Prerequisites**

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

#### Restrictions

None

#### **Cautions**

None

# **User Story**

The buyers and suppliers are collaborating using sub contracting PO. The subcontracting order document from buyer to supplier comes with subcontracting components with information of whether components are batch managed.

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 wants the supplier to provide batch number when reporting component consumption for batch managed components.



**Batch Number Required When Reporting Consumption of Batch Managed Components** 



# cXML Enhancement To Pass the Batch Required Information for Subcontracting Components

C!-Defines industry specific information for SubcontractingComponent.
SubcontractingComponentLifeSciences: Defines life sciences industry specific information for SubcontractingComponent.
BatchInfo: provides information on whether a batch number is required while reporting component consumption.
-->
<!ELEMENT SubcontractingComponentIndustry (SubcontractingComponentLifeSciences?, BatchInfo?) > 1

 The highlighted element BatchInfo was introduced in version 1.2.060 of cXML for OrderRequest message at the schedule line level to provide visibility to the supplier that batch number is required for subcontracting components and tosupport batch validation requirement.

# Sample cXML Portion of OrderRequest Message Showing Batch Required Information Being Passed for Batch Managed Components.

```
<ScheduleLine quantity="10.000" requestedDeliveryDate="2023-04-30T12:00:00+02:00" lineNumber="1">
 <UnitOfMeasure>EA</UnitOfMeasure>
 <SubcontractingComponent quantity="10.000" requirementDate="2023-04-12T12:00:00+02:00">
   <ComponentID>10 1 0001</ComponentID>
   <UnitOfMe@sure>EA</UnitOfMeasure>
   <Description xml:lang="EN">CSCs - Key Board</Description>
    <Product>
     <BuyerPartID>CSC KEY BOARD BM/BuyerPartID>
    </Product>
    <Batch>
     <BuyerBatchID>CSC KB 001</BuyerBatchID>
    </Batch>
   <SubcontractingComponentIndustry>
     <SubcontractingComponentLifeSciences>
       <LabelID>Label4311</LabelID>
     </SubcontractingComponentLifeSciences>
     <BatchInfo requiresBatch="yes"/>
   </SubcontractingComponentIndustry>
 </SubcontractingComponent>
</ScheduleLine>
```

1. The highlighted portion shows the batch required information being passed in OrderRequest message for batch managed components whose consumption will be provided via ship notice or component consumption request.

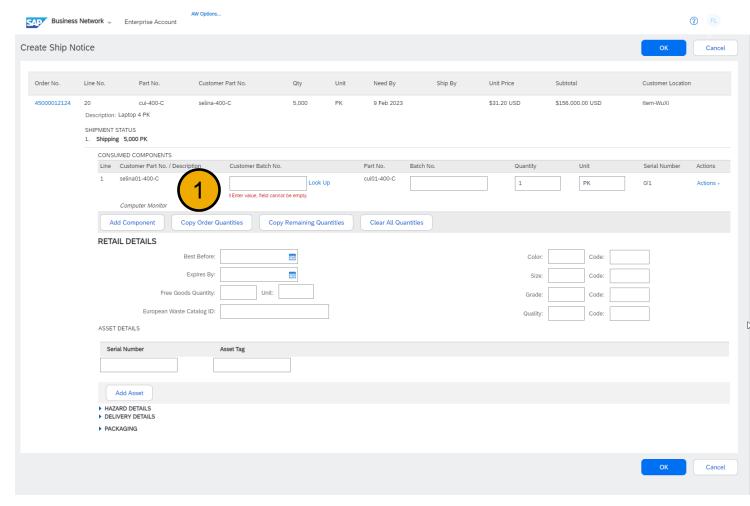
## New Transaction Rule To Enable the Check For Batch Managed Components

Component Consumption Rules
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.
Require supplier to provide customer batch number for batch managed components.

 The highlighted newly introduced transaction rule is available for buyer under "Component Consumption Rules" section should be enabled to validate that batch number is being provided for the batch managed components in the purchase order.

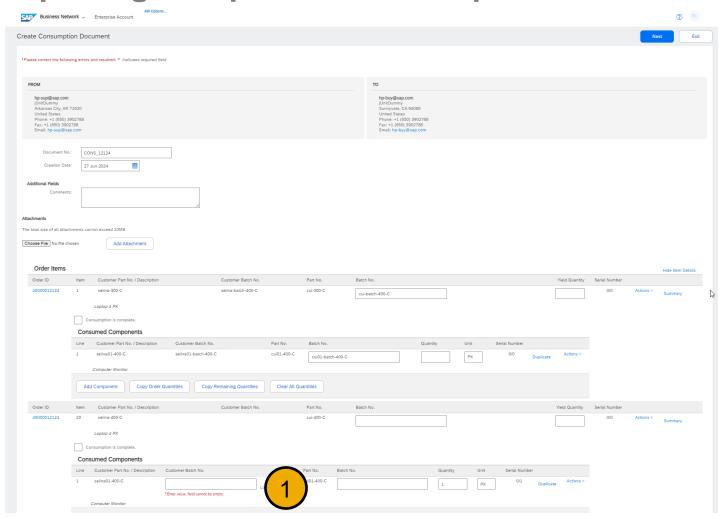
The validation will occur in the UI, Excel upload/download and B2B scenario.

# Error When Customer Batch Number Not Provided For Components While Reporting Component Consumption During Creation of Ship Notice in Ul



 Error message preventing the supplier user from moving to the next step when the needed customer batch no information is not provided when reporting consumption for batch managed components.

# Error When Customer Batch Number Not Provided For Components While Reporting Component Consumption in UI



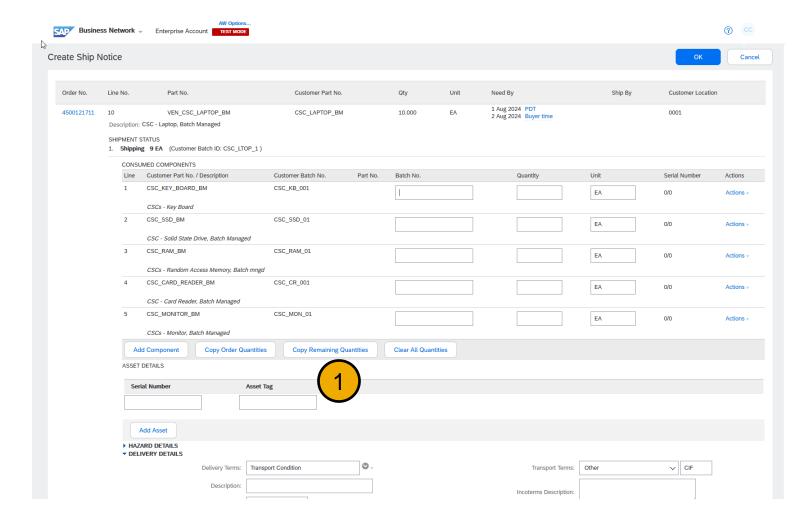
 Error message preventing the supplier user from moving to the next step when the needed customer batch no information is not provided when reporting consumption for batch managed components.



New Button To Copy Remaining Quantity of Components When Reporting Component Consumption Via Report Consumption or Ship Notice

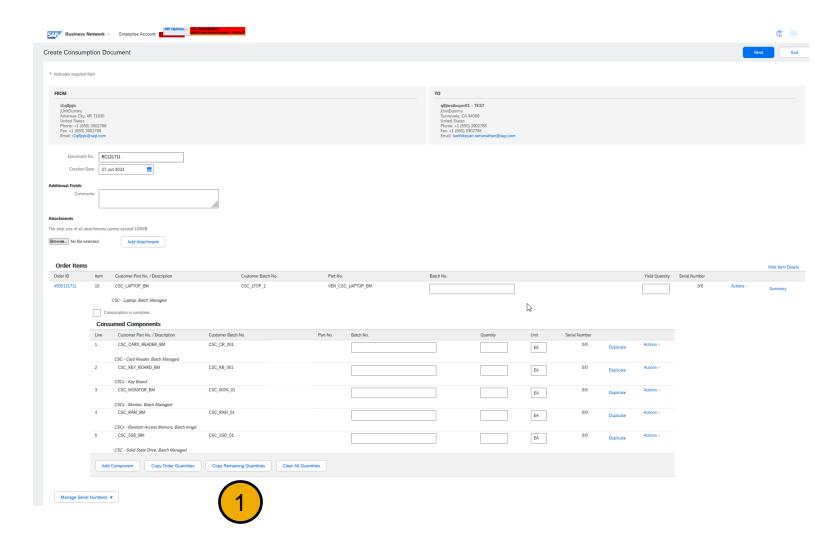


## New Button Copy Remaining Quantities During Creation Of Ship Notices



1. New button "Copy Remaining Quantities" is available which will let user populate the remaining quantity of components in PO based on components consumed so far for the PO item.

# New Button Copy Remaining Quantities When Reporting Consumption



1. New button "Copy Remaining Quantities" is available which will let user populate the remaining quantity of components in PO based on components consumed so far for the PO item.

# Thank you.



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