



SAP Ariba 

機能の概要

シリアル番号アップロード

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CONFIDENTIAL

 **Run Simple**

機能の概要

新機能: シリアル番号アップロード

お客様の課題

現在、Ariba Network では、注文書明細がシリアル番号で管理されており（フラグ、プロフィール）、サプライヤが出荷通知でシリアル番号を入力する必要があることをバイヤーが示すことができません。
 また、入力されるシリアル番号の一覧が大きい場合、ポータルサプライヤがシリアル番号を手動で入力する必要があります。これは、単調で難しいタスクです。

ソリューション領域

SAP Ariba Supply Chain Collaboration

SAP Ariba でこの課題に対応

- サプライヤに対し、注文書明細レベルのシリアル番号依頼について通知することが可能
 - バイヤーに対し、シリアル番号を注文書明細とともに一覧、範囲またはプロフィールとして送信するオプションを提供
 - シリアル番号を出荷通知の一部として義務付けるベンダ、グループ、または組織レベルのビジネスルール
 - 出荷通知明細レベルの合計出荷済み数量に対し、必要なシリアル番号をカウントするビジネスルール検証ロジック
 - 出荷通知の作成時にシリアル番号（各注文書明細につき1つまたは複数）を csv アップロードするためのサプライヤ機能
 - 出荷通知の提出後に、サプライヤ/バイヤーによるシリアル番号の表示/ダウンロードが可能
- 実装に関する情報**

この機能は、通常の設定ではオンになっています。必要に応じ、ビジネスルールを設定できます。SAP ERP との統合は、カスタムベースで構築する必要があります。

実現される主なメリット

シリアル番号の一括処理により、シリアル番号でのコラボレーションが改善され、自動化と効率化が進みます。

前提条件および制限事項

なし

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バイヤーがビジネスルールを [管理] → [設定] → [通常設定の取引ルール] で有効化

Require delivery dates for order confirmations and ship notices.	<input checked="" type="checkbox"/>
Require an estimated shipping date on order confirmations.	<input checked="" type="checkbox"/>
Require an actual or estimated shipping date on ship notices.	<input checked="" type="checkbox"/>
Require ship notice type on ship notices.	<input checked="" type="checkbox"/>
Allow suppliers to add delivery and transport information to ship notices. ⓘ	<input checked="" type="checkbox"/>
Allow suppliers to send non-PO ship notices through cXML.	<input type="checkbox"/>
Allow zero-quantity line items in ship notices sent through cXML.	<input type="checkbox"/>
Allow multiple orders and scheduling agreement releases in ship notices.	<input checked="" type="checkbox"/>
Require suppliers to provide a unique asset serial number for each purchase order line item on a ship notice. ⓘ	<input type="checkbox"/>
Require the total count of shipment serial numbers not to exceed the total quantity shipped for line items on ship notices.	<input checked="" type="checkbox"/>
Require suppliers to provide asset serial numbers for the total shipped quantity of line items on ship notices.	<input checked="" type="checkbox"/>
Require the Packing Slip ID to be unique on ship notices.	<input checked="" type="checkbox"/>
Allow suppliers to create invoice number automatically from Packing Slip ID when creating a ship notice.	<input type="checkbox"/>
Require suppliers to provide a Global Individual Asset ID for line items on ship notices that conforms to the Serial Shipping Container Code (SSCC) format.	<input type="checkbox"/>
Require suppliers to provide a unique Global Individual Asset ID for line items on ship notices.	<input type="checkbox"/>
Do not allow multiple Ship To addresses on a ship notice. ⓘ	<input checked="" type="checkbox"/>
Allow suppliers to use advanced packaging on ship notices. ⓘ	<input checked="" type="checkbox"/>
Do not allow suppliers to reject entire purchase orders. ⓘ	<input type="checkbox"/>
Do not allow suppliers to change line item description on order confirmations.	<input type="checkbox"/>
Allow suppliers to increase item quantities on order confirmations. ⓘ	<input checked="" type="checkbox"/>
Apply line item quantity tolerance to order confirmations. ⓘ	<input type="text" value="0"/> % (Maximum underdelivery allowed.)
Apply line item unit price tolerance to order confirmations. ⓘ	<input type="text"/> %
Allow suppliers to change the currency for unit price on order confirmations. ⓘ	<input type="checkbox"/>
Apply line item subtotal amount tolerance to order confirmations. ⓘ	<input type="text"/> %

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サプライヤが出荷通知からシリアル番号テンプレートをダウンロード

The screenshot displays the Ariba Network Supplier interface. The browser address bar shows the URL: <https://service.ariba.com/SCMSupplier.aw/128484074/aw?awh=r&awssk=gXCJEDlp#/b0>. The page contains several sections:

- DELIVERY AND TRANSPORT INFORMATION:** Includes dropdown menus for 'Delivery Terms' (set to 'Transport Condition') and 'Shipping Payment Method' (set to 'Other'). There are also text input fields for 'Delivery Terms Description', 'Transport Terms Description', 'Shipping Contract Number', and 'Shipping Instructions'.
- Transport Terms Table:** A table with columns: Transport Terms, Equipment Identification Code, Gross Volume, Unit, Gross Weight, Unit, Sealing Party Code, and Seal ID. The first row shows 'Other' for Transport Terms and 'CFR' for Equipment Identification Code. An 'Add Transport Term' button is located below the table.
- Additional Fields:** A section for additional information.
- Order Items:** A table with columns: Order #, Line #, Part #, Customer Part #, Qty, Unit, Need By, Ship By, Unit Price, Subtotal, and Customer Location. The first row shows Order # 4500089280, Line # 10, Part # Non Catalog Item, Customer Part # PROC-FU-001, Qty 4,000, Unit EA, Need By 5 Jul 2018, Ship By, Unit Price \$100.00 USD, Subtotal \$400.00 USD, and Customer Location. Below this table, there is a 'Description: FUs product' and 'Shipment Status' information.
- Shipment Status:** Total Item Due Quantity: 4,000 EA, Confirmation Status, Total Confirmed Quantity: 4,000 EA, Total Backordered Quantity: 0 EA.
- Line Details Table:** A table with columns: Line, Ship Qty, Supplier Batch ID, Production Date, and Expiry Date. The first row shows Line 1, Ship Qty 4,000, and buttons for 'Add Details' and 'Add Ship Notice Line'.
- Manage Serial Numbers:** A dropdown menu is open, showing 'Upload new file' and 'Download template' options.
- Buttons:** 'Pack Items', 'Save', 'Exit', and 'Next' buttons are located at the bottom right of the interface.

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サプライヤが Excel テンプレートにシリアル番号を入力

1	8859_1	Code page 8859_1 is for Western European values. For more information see the documentation for Supplier Enablement Automation.										
2	Ship Notice Num	Order ID	Item Line Nur	Item Supplie	Item Customer	Item Ship	Item Quar	Item Batcl	Item prod	Item expii	Item Serial	Item Asset Tag
3	Optional	Required	Required	Optional	Optional	Required	Required	Optional	Optional	Optional	Optional	Optional
4	String	String	Integer	String	String	Integer	Decimal	String	Date	Date	String	String
5	Ship notice ID	Purchase order ID	Purchase ord	Supplier Part	Item Customer	Ship notic	Item quan	Item Batcl	Productio	Expiration	Item serial	Item asset tag
6	FU_Serial2	4500089280	10	Non Catalog	PROC-FU-001	1	4				1	
7	FU_Serial2	4500089280	10	Non Catalog	PROC-FU-001	1	4				2	
8	FU_Serial2	4500089280	10	Non Catalog	PROC-FU-001	1	4				3	
9	FU_Serial2	4500089280	10	Non Catalog	PROC-FU-001	1	4				4	
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サプライヤが出荷通知の [シリアル番号の管理] タブで [新しいファイルのアップロード] を選択

The screenshot displays the Aniba Network Supplier interface. At the top, there's a browser tab for 'Aniba Network Supplier' and a URL: <https://service.aniba.com/SCMSupplier.aw/128484074/aw?awh=r&awssk=gXCjEDlp#/b0>. A warning message states: 'The total size of all attachments cannot exceed 10MB'.

The main section is titled 'DELIVERY AND TRANSPORT INFORMATION'. It contains several input fields and dropdown menus:

- Delivery Terms: * Transport Condition (dropdown)
- Shipping Payment Method: * Other (dropdown)
- Delivery Terms Description: (text input)
- Transport Terms Description: (text input)
- Shipping Contract Number: (text input)
- Shipping Instructions: (text input)

Below this is a table for 'Transport Terms' with columns: Transport Terms, Equipment Identification Code, Gross Volume, Unit, Gross Weight, Unit, Sealing Party Code, and Seal ID. The first row shows 'Other' (dropdown), 'CFR', and several empty input fields. An 'Add Transport Term' button is located below the table.

The 'Additional Fields' section is collapsed. The 'Order Items' section is expanded, showing a table with columns: Order #, Line #, Part #, Customer Part #, Qty, Unit, Need By, Ship By, Unit Price, Subtotal, and Customer Location. The first row is for Order # 4500089280, Line # 10, Part # Non Catalog Item, Customer Part # PROC-FU-001, Qty 4,000, Unit EA, Need By 5 Jul 2018, Ship By, Unit Price \$100.00 USD, Subtotal \$400.00 USD, and Customer Location. A 'Remove' button is next to the row. Below the table, there's a 'Shipment Status' section with 'Total Item Due Quantity: 4,000 EA' and a 'Confirmation Status' section with 'Total Confirmed Quantity: 4,000 EA' and 'Total Backordered Quantity: 0 EA'.

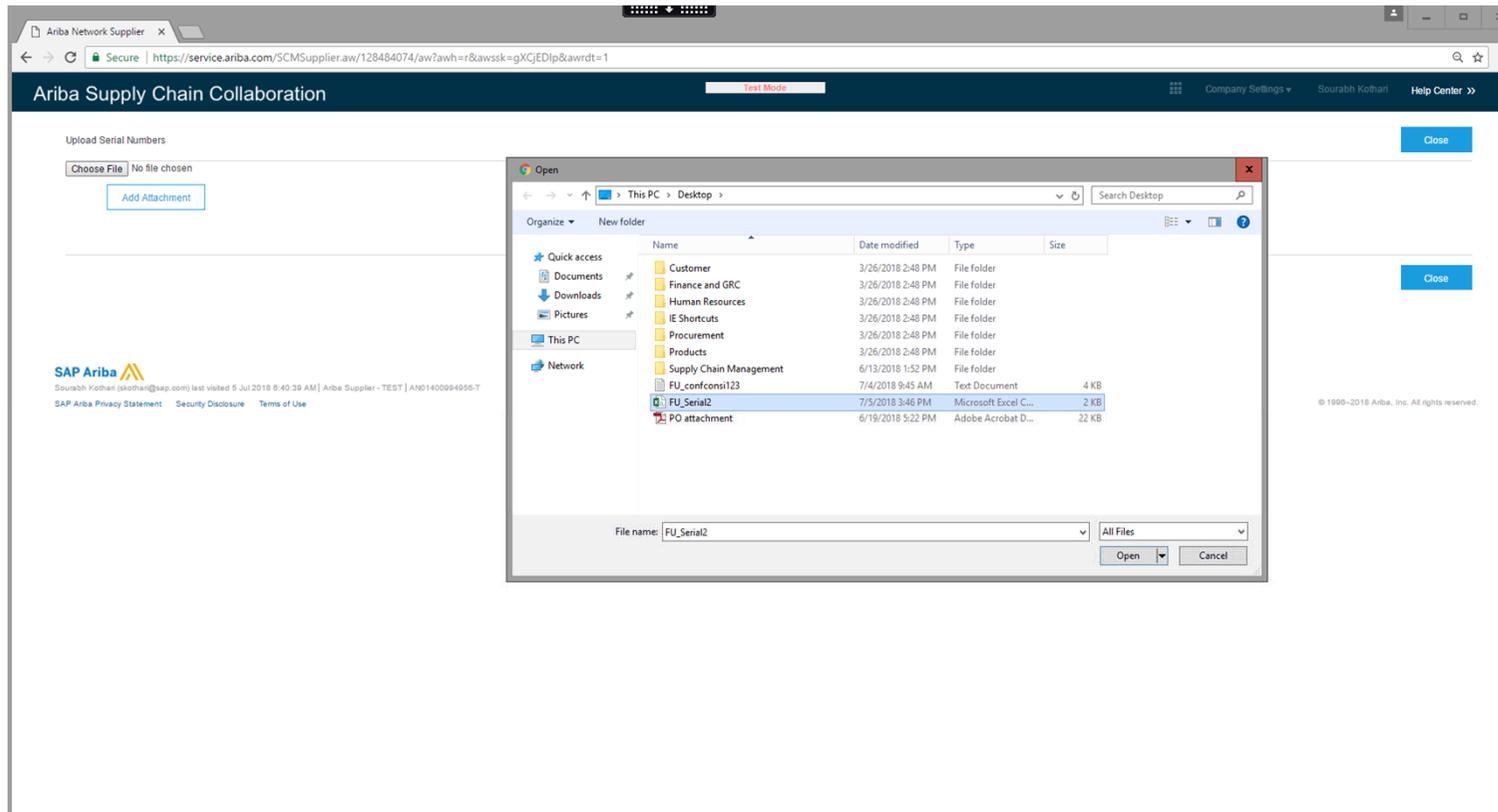
At the bottom, there's another table with columns: Line, Ship Qty, Supplier Batch ID, Production Date, and Expiry Date. The first row is for Line 1, Ship Qty 4,000, and empty fields for the other columns. An 'Add Details' button is next to the row. Below this table is an 'Add Ship Notice Line' button.

At the very bottom, there's an 'Add Order Line Item' button. A dropdown menu is open over it, showing two options: 'Upload new file' and 'Download template'.

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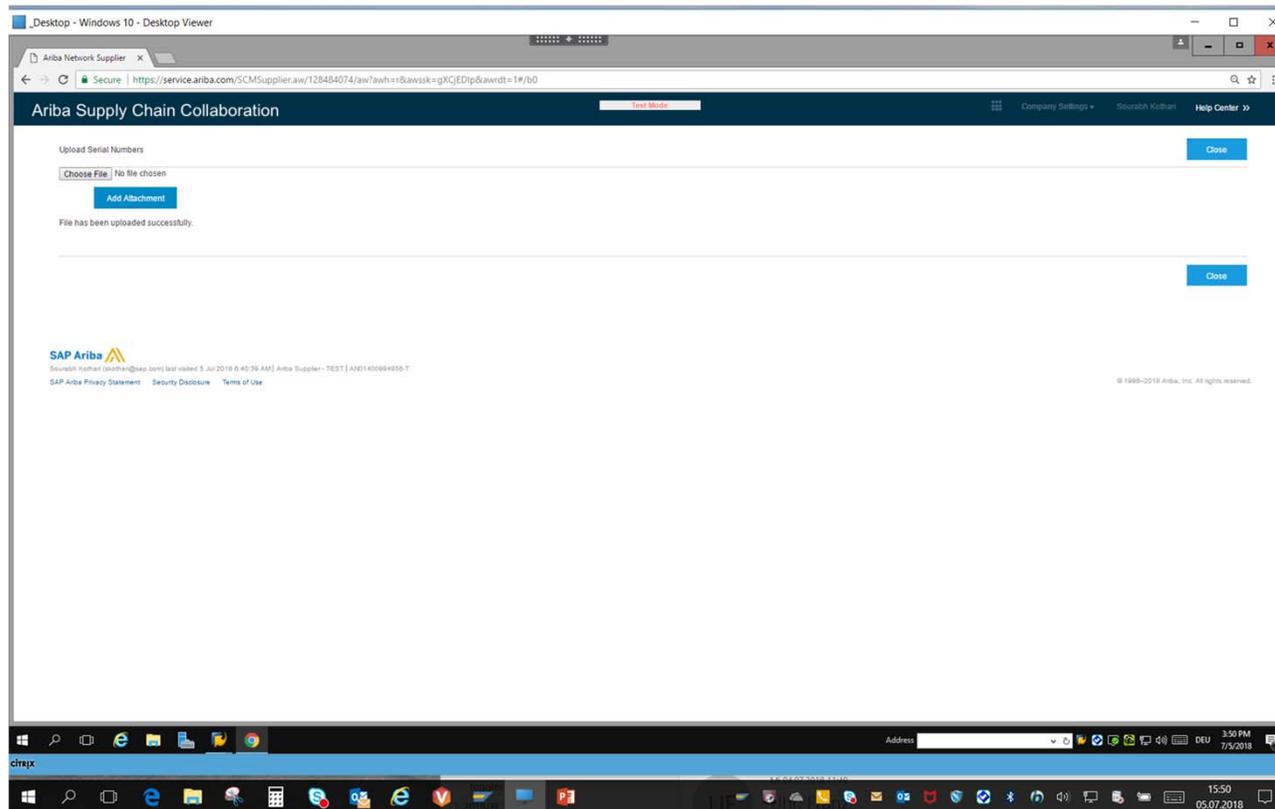
サプライヤがシリアル番号を含む Excel ファイルを選択



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ファイルのアップロード完了



機能の概要

新機能: シリアル番号アップロード

出荷通知明細へのシリアル番号の割り当て

Ariba Supply Chain Collaboration Test Mode Company Settings Sourabh Kohari Help Center >>

Create Ship Notice OK Cancel

Order #	Line #	Part #	Customer Part #	Qty	Unit	Need By	Ship By	Unit Price	Subtotal	Customer Location
4500089280	10	Non Catalog Item	PROC-FU-001	4.000	EA	5 Jul 2018		\$100.00 USD	\$400.00 USD	

Description: FUs product

SHIPMENT STATUS
1. Shipping 4 EA

RETAIL DETAILS

Best Before:

Expires By:

Free Goods Quantity: Unit:

European Waste Catalog ID:

Color: Code:

Size: Code:

Grade: Code:

Quality: Code:

ASSET DETAILS
The maximum number of assets you can enter is 4, which corresponds to the shipping quantity.

Serial Number	Asset Tag	
<input type="text"/>	<input type="text"/>	Remove
<input type="text"/>	<input type="text"/>	Remove
<input type="text"/>	<input type="text"/>	Remove
<input type="text"/>	<input type="text"/>	Remove

▶ HAZARD DETAILS
▶ DELIVERY DETAILS

OK Cancel

機能の概要

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サンプル OrderRequest 注文書明細でシリアル番号一覧を提供するための cxml 構造

```
<ItemOut lineNumber="2" quantity="10">
  <ItemID>
    <SupplierPartID>AX45185</SupplierPartID>
    <SupplierPartAuxiliaryID>LAXSPA001</SupplierPartAuxiliaryID>
    <BuyerPartID>AX45L19</BuyerPartID>
  </ItemID>
  <ItemDetail>
    <UnitPrice>
      <Money currency="USD">31.40</Money>
    </UnitPrice>
    <Description xml:lang="en">BULLNOSE SHELVES 3 PK</Description>
    <UnitOfMeasure>KG</UnitOfMeasure>
    <Classification domain="SPSC">foo</Classification>
    <ManufacturerPartID>AX458</ManufacturerPartID>
    <ManufacturerName>2000496</ManufacturerName>
  </ItemDetail>
  <ScheduleLine lineNumber="1" quantity="10" requestedDeliveryDate="2018-08-09T12:00:00+01:00">
    <UnitOfMeasure>PCE</UnitOfMeasure>
  </ScheduleLine>
  <ItemOutIndustry planningType="ATO">
    <ItemOutRetail>
      <PromotionVariantID>7-89</PromotionVariantID>
      <PromotionDealID>8-13</PromotionDealID>
    </ItemOutRetail>
    <Priority level="1"/>
    <SerialNumberInfo requiresSerialNumber="yes" type="list">
      <SerialNumber>ABC1</SerialNumber>
      <SerialNumber>123A</SerialNumber>
      <SerialNumber>456B</SerialNumber>
    </SerialNumberInfo>
  </ItemOutIndustry>
</ItemOut>
```

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サンプル OrderRequest 注文書明細でシリアル番号範囲を提供するための cxml 構造

```
<!-- SERIAL NUMBER -->
<SerialNumberInfo requiresSerialNumber="yes" type="range">
  <PropertyValue name="range">
    <Characteristic domain = "minimum" value="70000"/>
    <Characteristic domain = "maximum" value="90000"/>
  </PropertyValue>
</SerialNumberInfo>
```