SAP Ariba

Invoice from ordered or received quantity triggered on a PO Line item basis

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Confidential

SAP **Run Simple**

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Invoice from ordered or received quantity triggered on a PO Line item basis

Description:

Ariba Network supports invoice creation based on ordered and received quantities. This configuration is applied at supplier org level through generic and supplier group rules. However, there are business scenarios where, inside the same purchase order, the buyer sends items that require receipts to be invoiced and some other items that do not require them. We'll trigger this functionality based on a PO Line item value now which is aligned with SAP ECC behavior.

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Current Problem

Customers that execute the invoice reconciliation based on Goods Receipt for material orders could run into some scenarios where the validation is done only between the ordered quantity and invoiced quantity and no GR is required. Currently Ariba Network forces a 3-way match (PO-GR-INV) when the business rule "Require suppliers to include only received quantities on invoices" is enabled. The exception mentioned above is not supported when the rule is turned on. Also, this verification is supported in AN at org level. However, the configuration is handled at PO line item level in SAP ECC.

Solution

Based on a new entitlement, AN will verify the presence of the verificationType element (Invoice instruction control key) on each PO line item so the proper validation can be run during the invoice generation. AN will be able to know for which line items a GR is required or not.
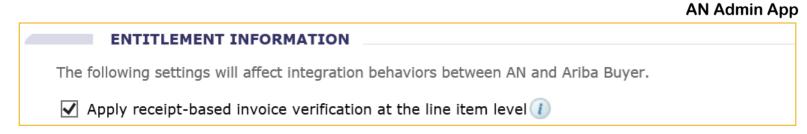
Benefits

Additional business scenario can be covered where more than one material invoice process can be supported for the same group of suppliers.

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Configuration required:

Buyers that have the following business rule turned on:

(Subrule is optional)   **AN Buyer Portal**

Require suppliers to include only received quantities on invoices. ⓘ   ✓

✓ Require references to receipts on invoices. ⓘ

Can request the enablement of this new entitlement:

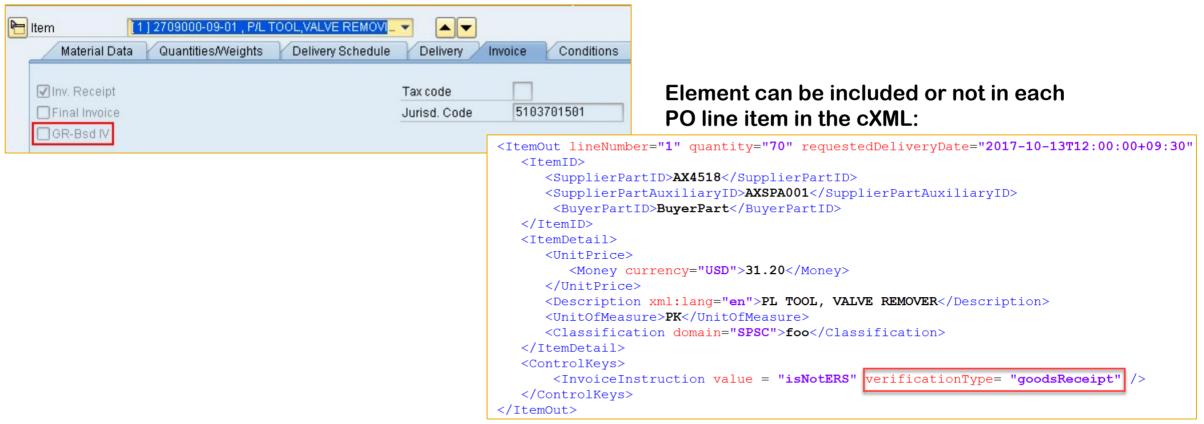   **AN Admin App**

ENTITLEMENT INFORMATION

The following settings will affect integration behaviors between AN and Ariba Buyer.

☑ Apply receipt-based invoice verification at the line item level ⓘ

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Including Invoice Instruction in PO line item:

Option present at item level in buyer system:

Element can be included or not in each PO line item in the cXML:

```xml
<ItemOut lineNumber="1" quantity="70" requestedDeliveryDate="2017-10-13T12:00:00+09:30"
    <ItemID>
        <SupplierPartID>AX4518</SupplierPartID>
        <SupplierPartAuxiliaryID>AXSPA001</SupplierPartAuxiliaryID>
         <BuyerPartID>BuyerPart</BuyerPartID>
    </ItemID>
    <ItemDetail>
        <UnitPrice>
            <Money currency="USD">31.20</Money>
        </UnitPrice>
        <Description xml:lang="en">PL TOOL, VALVE REMOVER</Description>
        <UnitOfMeasure>PK</UnitOfMeasure>
        <Classification domain="SPSC">foo</Classification>
    </ItemDetail>
    <ControlKeys>
        <InvoiceInstruction value = "isNotERS" verificationType= "goodsReceipt" />
    </ControlKeys>
</ItemOut>
```
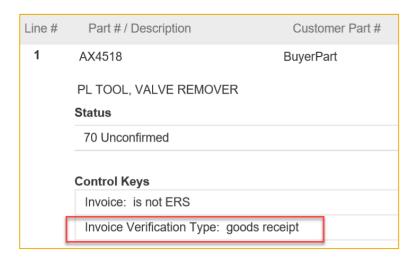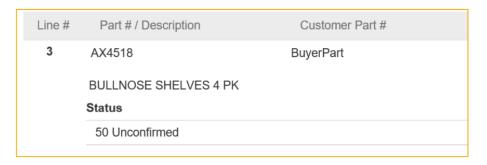
Control Key mapping is currently supported in SAP Add-On adapter

Invoice from ordered or received quantity triggered on a PO Line item basis

Sample of invoice generation for PO with mixed configuration:

- **Line items 1 and 2 include the verificationType = "goodsReceipt" element**

Line #	Part # / Description	Customer Part #
1	AX4518	BuyerPart
	PL TOOL, VALVE REMOVER	
	Status	
	70 Unconfirmed	
	Control Keys	
	Invoice: is not ERS	
	Invoice Verification Type: goods receipt	

- **Line items 3 and 4 do not include the element**

Line #	Part # / Description	Customer Part #
3	AX4518	BuyerPart
	BULLNOSE SHELVES 4 PK	
	Status	
	50 Unconfirmed	

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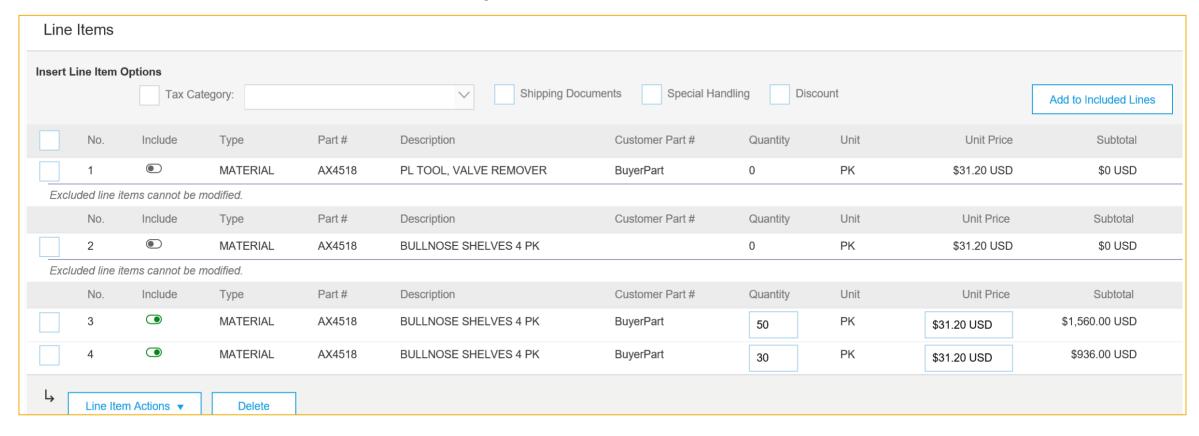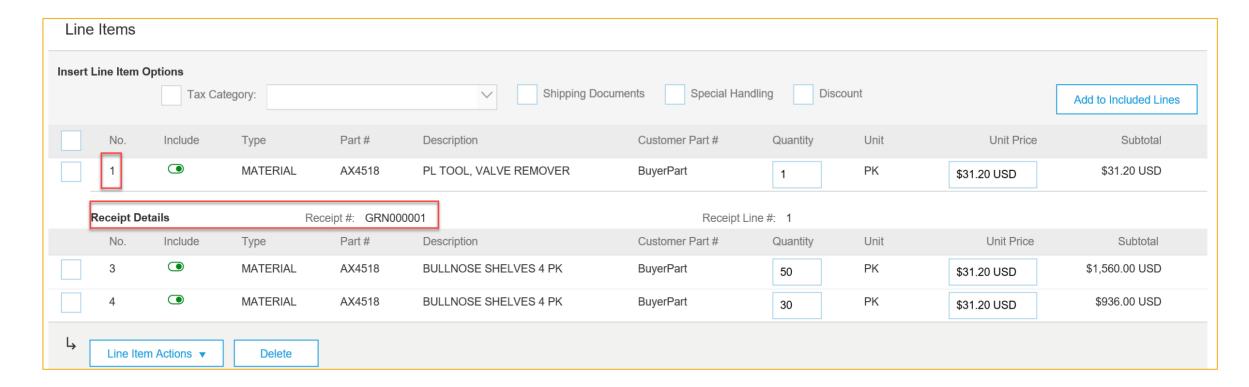
Sample of invoice generation for PO with mixed configuration:

• Line items 1 and 2 appear as excluded in the Invoice because there is no received quantity to be invoiced.

• Line items 3 and 4 are included because they don't need a GR linked to be invoiced.

Line Items

Insert Line Item Options

☐ Tax Category: [_____ ▽]   ☐ Shipping Documents   ☐ Special Handling   ☐ Discount   [Add to Included Lines]

	No.	Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Unit Price	Subtotal
☐	1	◉	MATERIAL	AX4518	PL TOOL, VALVE REMOVER	BuyerPart	0	PK	$31.20 USD	$0 USD

Excluded line items cannot be modified.

	No.	Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Unit Price	Subtotal
☐	2	◉	MATERIAL	AX4518	BULLNOSE SHELVES 4 PK		0	PK	$31.20 USD	$0 USD

Excluded line items cannot be modified.

	No.	Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Unit Price	Subtotal
☐	3	◉	MATERIAL	AX4518	BULLNOSE SHELVES 4 PK	BuyerPart	50	PK	$31.20 USD	$1,560.00 USD
☐	4	◉	MATERIAL	AX4518	BULLNOSE SHELVES 4 PK	BuyerPart	30	PK	$31.20 USD	$936.00 USD

↳ [Line Item Actions ▾]   [Delete]

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Sample of invoice generation for PO with mixed configuration:

- After sending a GR for line item 1, it is included in the invoice with the corresponding GR reference (subrule enabled)

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Applicable to the Following:

- Ariba Network

Change Management for GA:

- Contact your Customer representative to enable the proper entitlement in AN.

Using this Feature:

Enabling
- Contact your Customer Representative to enable the corresponding entitlement in AN Admin app for your buyer account.

Prerequisites
- "Require suppliers to include only received quantities on invoices" business rule must be enabled.
- Include the GR-based invoice verification mark at line item level in PO document so it can be mapped through Add-On adapter.

Limitations
- N/A

Importing and Exporting Data
- N/A

Changes to Existing Functionality or User Interface
- N/A

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