Improve Supplier Visibility of Purchase Order Line Items Deleted by Buyers (CSC-34486/SBNI-12)

Target GA: May, 2024

## **Feature Overview**



## Introducing: Improve Supplier Visibility of Purchase Order Line Items Deleted by Buyers (CSC-34486/SBNI-12)

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## **Feature Description**

Suppliers gain visibility into deleted line items in regular purchase orders, preventing inadvertent document submissions against removed items like order confirmations, ship notices, service entry sheets, and invoices.

## **Key Benefits**

This feature helps suppliers easily view which line items were deleted in purchase orders, preventing them from accidentally submitting documents for removed items.

#### Audience:

**Buyers and Suppliers** 

Enablement Model: Customer Configured

#### **Applicable Solutions:**

- SAP Business
  Network for Supply
  Chain
- SAP ERP Central Component (SAP ECC)
- SAP S/4HANA with the CIG Add-On

**Prerequisites, Restrictions, Cautions** 

#### **Prerequisites**

- Supported only for:
  - SAP ERP Central Component (SAP ECC)
  - SAP S/4HANA with the CIG Add-On
  - SAP Business Network for Supply Chain

### Restrictions

None

## Cautions

None

## **User Story**

As a buyer, I want to indicate deleted items in a purchase order to my suppliers. I need to be able to select specific suppliers to send delete item indicators to. I use the Buyer CIG Add-On to set this up.

When I send a purchase order to an integrated supplier, they can identify deleted items either through the SAP Business Network portal or via standard formats for order changes like ANSI X12 or UN/EDIFACT.

This feature streamlines communication by eliminating the need for suppliers to manually compare previous versions of purchase orders to identify deleted items.

## Feature Details – Configuring Send Purchase Order Delete Indicator

#### 1. Select Enable Vendors

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Structure	
63	Management of Internal Controls Defense Forces & Public Security Incentive and Sales Force Management Joint Venture Accounting Public Sector Management Integration with Other SAP Components Managed Gateway for Spend&Network for Buyer
	Global Settings SAP Business Network Integration
	General Settings  Set Up the Interface  Document Status Update  Eable SAP Ariba Supply Chain Collaboration  Ba    Map material product hierarchy to material classification  Ba    Mass Upload Program to Load Data in Ariba Vendor and Outbound Table  Enable Vendors  Ba    Maintain Vendor for the Outbound Transaction

- 2. Add the supplier details as a new entry
- 3. In the Send PO Del Ind column
  - 1. Enter **X** if the supplier can receive deleted line items
  - 2. Leave the column blank if the supplier cannot receive deleted line items

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## Feature Details – CIG Enable Customer Exit





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47	* EX_RETCO	= U RETURN CODE
48	* EX_NAST	= ls nast1
49	* DOC	= 1s doc
50	* CHANGING	
51	* CX DRUVO	= V_DRUVO
52	* CX FROM MEMOR	RY = V FROM MEMORY.
53	*IF U RETURN CODE =	'1'.
54		type 'E' number '760' RAISING data_not_relevant_for_sending.
55	** e760 RAISING da	ata_not_relevant_for_sending.
56	*ENDIF.	
57	* endif. "end of p.	ilot code for ig-17777
58	INCLUDE arbcig_quote	e_request_002.
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60	***INCLUDE /arba/ord	der_request_002.
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65	INCLUDE arbcig_po_it	tem_linedel_002 IF FOUND. "New SBN Include
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70	INCLUDE arbcig order	r enguiry.

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Feature Details – CIG Supplier Side - Deleted Lines Visible for Portal and Integrated Suppliers

#### Update purchase order to delete a line item

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Purchase order cXML contains the deleted line item; attribute is operation="delete"

•••	PO_Item_Delete_Reference_Demo_recording.mp4
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51	<identity><b>501</b></identity>
52	-
53	-
54	-
55	<pre><originaldocument payloadid=""></originaldocument></pre>
56	-
57	<pre><request deploymentmode="test"></request></pre>
58	<pre>&lt; <orderrequest></orderrequest></pre>
59	<pre><orderrequestheader orde<="" orderdate="2024-03-09T12:00:00+01:00" pre=""></orderrequestheader></pre>
244	SitemOut_lineNumber="10"_quantity="7.000"_requestedDeliveryDat
307	ItemOut lineNumber="20" operation="delete" quantity="2.000" r
329	Itemout lineNumber="30" quantity="5.000" requestedDeliveryDat
388	
389	-
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Feature Details – CIG Supplier Side - Deleted Lines Visible for Integrated Suppliers

The deleted line items can be mapped to one of the following formats: ANSI X12 and UN/EDIFACT D 96.

## ANSI X12 format

• • •	Output-X12.txt -
Q~ Find	
PID*F****Return Description3****EN~	
PID*S*MAC*UN*Return UNSPS***SPSC~	
REF*FL**item~	
REF*QJ*Return Auth ID3~	
0TM*002*20191003*120000*GM~	
9*SE**ves~	
N9∗ACC∗return item∗yes~	
POC*00040*RZ*400*400*EA*4000**VP*Supplier	Service ID*C3*Service Class ID~
CUR*BY*USD~	
CTP*WS***4*EA*CSD*1~	
PID*F*12***service~	
PID∗F∗∗∗∗Service Description∗∗∗∗EN~	
PID*S*MAC*AS*Service Clas~	
REF*FL**lean~	
)TM*002*20191004*120000*GM~	
N9∗ACE∗requiresServiceEntry∗yes~	
POC*00050*RZ*5*5*EA*500**VP*Supplier Part	ID5*C3*UNSPSC ID5*EN*EAN ID5~
_IN**KF*delete~	
CUR*BY*USD~	
CTP*WS***5*EA*CSD*1~	
PID*F*12***material~	
PID*F****Description5****EN~	
PID*S*MAC*UN*UNSPSC ID5***SPSC~	
REF*FL**item~	
DTM*002*20191005*120000*GM~	
CTT*5*411~	
AMT*TT*1000~	
SE*290*0001~	
GE*1*100025939~	
IEA*1*100025939~	

## UN/EDIFACT D 96 format

• • •	Dutput.txt — Lo
Q~ Find	
RNG+4+EA:5:5' RFF+FI:item'	
LIN+60+2+Supplier Part ID6:VN' PIA+1+EAN ID6:EN:57:9'	
IMD+F++:::Description6::EN' QTY+21:6:EA'	
DTM+2:20191006120000GM:304'	
MOA+146:600:USD:9'	
CCI+++UNSPSC ID6:::UNSPSC'	
PRI+CAL:::PBQ'	
APR+WS+1:CSD'	
RNG+4+EA:6:6'	
RFF+FI:item'	
LIN+++100101:AB+1:00010++A'	

## Feature Details – SAP Business Network – Supplier/Buyer Portal – Deleted Lines Visible for **Portal Suppliers**

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des to delete a line that is already fully or or serviced, SAP Business Network does eletion. Instead, it displays an error that there is a ship notice or service sheet he line item so the line item cannot be

Unit Price

10.00 EUR

100 EUR

Undisclosed

Qty (Unit)

7.000 (EA)

2.000 (FA)

Need By

25 Apr 2024

5.000 (EA) 25 Apr 2024 IST

25 Apr 202

25 Apr 2024 IST

25 Apr 2024 Buyer time

25 Apr 2024 Buyer time

Show Item Details

Details

Details

Sub-total: Undisclosed

Subtotal Customer Location

70.00 EUR

200.00 EUR

Undisclosed

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# Thank you.

Ravish Shetty/ Karen Figueroa





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