



SAP Ariba 

Feature at a Glance

Support for unplanned lean service line items

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Target GA: February, 2020

CONFIDENTIAL

Feature at a Glance

Ease of implementation

Low touch / simple

Geographic relevance

Global

Introducing: Support for unplanned lean service line items

Customer challenge

In some industries, some customers are asking for a simplified services procurement process and trading partner collaboration.

SAP S/4HANA Cloud offers lean services to fulfill these requirements. Ariba Network does support planned lean services but not yet unplanned lean services with a limit for the spend amount.

Meet that challenge with

SAP Ariba

This feature introduces support for a new type of line item called limit service in Ariba Network. Limit service is a type of service used to procure low-value unspecified (unplanned) services costing up to a predefined amount (the limit) specified by the buyer.

The limit service in Ariba Network corresponds to and supports SAP S/4HANA Cloud enhanced limit item for unplanned lean services procurement.

This feature also introduces support for suppliers to enable email notifications for new purchase orders and changes in existing purchase orders.

Experience key benefits

Reduce the time and user effort while simplifying processes involved in procuring unplanned services with SAP S/4HANA Cloud by enabling trading partner collaboration on Ariba Network.

Solution area

Ariba Network

SAP Ariba Commerce Automation

SAP Ariba Commerce Automation Membership

Implementation information

This feature is **automatically on** for all customers with the applicable solutions and is ready for immediate use.

Prerequisites and Restrictions

The Buyer needs an Ariba Network account with direct connectivity to an SAP S/4HANA Cloud account.

The following are not supported: orders mixing materials and services, attachments, order confirmation, service sheet cancellation, quick enablement of suppliers.

The integration set-up is described in the SAP Best Practices scope item 42K “Automation of Purchase-to-Pay with Ariba Network”.

Feature at a Glance

Introducing: Support for unplanned lean service line items

Buyer and supplier: Purchase order detail screen

A new type of line item, **Limit Service**, is introduced, in addition to **Material**, **Service**, and **Lean Service**.

In the **Line Items** section, the Type column indicates **Service** and **Limit** for the limit service line items (1).

There is no parent-child structure for **Limit Service** items. Each line item exists independently (2).

Mixed orders with materials and service items including planned lean services, and limit service, are not supported.

Order confirmation is not supported for limit service.

The screenshot displays the SAP Purchase Order Detail screen. At the top, there are navigation buttons: 'Create Order Confirmation', 'Create Service Sheet', and 'Create Invoice'. Below these are tabs for 'Order Detail' and 'Order History'. The main content area is divided into several sections:

- From:** Company Code 1010, Dietmar-Hopp-Allee 16, Walldorf, BW 69190, DE.
- To:** sa1@s.c, jUnitDummy, Arkansas City, AR 71630, United States, Phone: +1 (650) 3902788, Fax: +1 (650) 3902788, Email: kumar.nitesh@sap.com.
- Purchase Order (New):** 4500002257-02, Amount: 20,000.00 EUR.
- Payment Terms:** 3.0% 14, 2.0% 20, 0% 30.
- Contact Information:** Supplier Address, Company Code 1010, Address ID: 1010.
- Other Information:** partyAdditionalID: 10300089.
- Ship All Items To:** Plant 1010, Dietmar-Hopp-Allee 16, Walldorf, BW 69190, DE, Ship To Code: 1010.
- Bill To:** Company Code 1010, Dietmar-Hopp-Allee 16, Walldorf, BW 69190, DE.
- Deliver To:** (Empty field).
- Line Items:** A table with columns: Line #, Part # / Description, Type, Qty (Unit), Need By, Price, Subtotal, and Details. Two items are listed: Line 10 (Service Limit) and Line 30 (Service Limit), both with a quantity of 1 and a price of 10,000.00 EUR. A circled '1' is placed above the 'Type' column header.

At the bottom, there is a footer with submission and receipt dates, and a 'Service Sheet Required' indicator.

Feature at a Glance

Introducing: Support for unplanned lean service line items

Buyer and supplier: Purchase order line item details view

The **Other information** section under **Line Items** in a purchase order displays a new field **Expected Value for Unplanned Spend** which is the predefined limit set by the buyer for the limit service item (1).

The screenshot shows the 'Line Items' section of a purchase order. It features a table with columns for Line #, Part # / Description, Type, Qty (Unit), Need By, Price, and Subtotal. Line item 10 is highlighted, showing a 'Non-Catalog-Item' of type 'Service Limit' with a quantity of 1 and a need by date of 31 Dec 2020. Below the table, there are sections for 'Repair', 'Status' (1 Unconfirmed), 'Schedule Lines' (1 line with delivery date 31 Dec 2020 9:00 AM CET), and 'Service Period' (1 Dec 2019 to 31 Dec 2020). The 'Other Information' section is circled in purple and contains the field 'Expected Value for Unplanned Spend' with a value of 10,000.00 EUR, along with 'Classification Domain: NotAvailable' and 'Classification Code: 2'. A second table at the bottom shows line item 30, a 'Non-Catalog-Item' of type 'Service Limit' with a quantity of 1 and a need by date of 31 Dec 2020.

Line #	Part # / Description	Type	Qty (Unit)	Need By	Price	Subtotal
10	Non-Catalog-Item	Service Limit	1	31 Dec 2020	10,000.00 EUR	10,000.00 EUR
30	Non-Catalog-Item	Service Limit	1	31 Dec 2020	10,000.00 EUR	10,000.00 EUR

Feature at a Glance

Introducing: Support for unplanned lean service line items

Supplier: Create a service sheet or a standard invoice

By default, all **Limit Service** line items are included in the service sheet or invoice flipped from a purchase order with limit service items (1). The supplier can choose to exclude one or more **Limit Service** line items by deselecting the radio button **Include** against each line item. The supplier can create a single service sheet or invoice for all or several limit service line items.

In the Service Entry Sheet or Invoice **Lines** section of the screen, the Type column indicates **Limit Service** and the Item Type column indicates **Unplanned from PO** for the limit service line items (2).

“Unplanned” means that the buyer could not specify the details of the service in the order.

Include	Part No. / Description	Type	Item Type	Qty / Unit	Price	Subtotal	
<input checked="" type="radio"/>	Non-Catalog-Item	Limit Service	Unplanned from PO	1	10,000.00 EUR	10,000.00 EUR	Delete
SERVICE PERIOD							
Start Date:		1 Dec 2019		End Date:		31 Dec 2020	
COMMENTS							
Add Comments:							
<input checked="" type="radio"/>	Non-Catalog-Item	Limit Service	Unplanned from PO	1	10,000.00 EUR	10,000.00 EUR	Delete
SERVICE PERIOD							
Start Date:		1 Dec 2019		End Date:		31 Dec 2020	
COMMENTS							
Add Comments:							

Update Save Exit Next

Feature at a Glance

Introducing: Support for unplanned lean service line items

Supplier: Edit a service sheet or a standard invoice without service sheet

While creating a service sheet or a standard invoice without service sheet from a purchase order with **Limit Service** items, the following fields can be edited

- **Description (1)**,
- **Quantity, Unit, (2)**,
- **Price (3)**,
- **Start Date (4)**, and
- **End Date (5)**.

The service period Start Date and End Date in the service sheet or invoice must be within the dates specified for the line item in the purchase order.

Cancellation of service sheets with limit service items is not supported. Attachments are not supported.

The screenshot displays the 'Service Entry Sheet Lines' interface. It features two line items, each with a table header and several input fields. The first line item is for 'Repair' and the second is for 'Software Services'. Both are 'Limit Service' items of type 'Unplanned from PO'. The interface includes fields for 'Include', 'Part No. / Description', 'Type', 'Item Type', 'Qty / Unit', 'Price', and 'Subtotal'. The 'SERVICE PERIOD' section contains 'Start Date' and 'End Date' fields. The 'COMMENTS' section has an 'Add Comments' text area. At the bottom right, there are buttons for 'Update', 'Save', 'Exit', and 'Next'. Five purple circles with numbers 1 through 5 highlight the following fields: (1) Description, (2) Quantity and Unit, (3) Price, (4) Start Date, and (5) End Date.

Include	Part No. / Description	Type	Item Type	Qty / Unit	Price	Subtotal
<input checked="" type="checkbox"/>	Non-Catalog-Item	Limit Service	Unplanned from PO	1	10,000.00 EUR	10,000.00 EUR
	Repair					
SERVICE PERIOD						
	Start Date:	1 Dec 2019	End Date:	31 Dec 2020		
COMMENTS						
	Add Comments:					
<input checked="" type="checkbox"/>	Non-Catalog-Item	Limit Service	Unplanned from PO	1	10,000.00 EUR	10,000.00 EUR
	Software Services					
SERVICE PERIOD						
	Start Date:	1 Dec 2019	End Date:	31 Dec 2020		
COMMENTS						
	Add Comments:					

Feature at a Glance

Introducing: Support for unplanned lean service line items

Supplier: Edit a standard invoice with a preceding service sheet

While creating a standard invoice with a preceding service sheet from a purchase order with **Limit Service** items, only the **Description** field can be edited (1).

The other fields are flipped from the service sheet data.

The screenshot displays the 'Create Invoice' interface in SAP Ariba Network. It shows two line items under the 'Line Items' section. The first line item is a 'LIMIT SERVICE' with a quantity of 10 and a unit price of 120.00 EUR, totaling 1,200.00 EUR. The description field for this item is 'Repair' and is highlighted with a red circle and the number '1'. The second line item is also a 'LIMIT SERVICE' with a quantity of 20 and a unit price of 180.00 EUR, totaling 3,600.00 EUR, with a description of 'Software Services'. The interface includes buttons for 'Update', 'Save', 'Exit', and 'Next' at the top and bottom. A 'Line Item Actions' dropdown menu is visible at the bottom left of the line items section.

Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Unit Price	Subtotal
<input type="checkbox"/>	LIMIT SERVICE	Non-Catalog-Item	Repair		10	HUR	120.00 EUR	1,200.00 EUR
<input type="checkbox"/>	LIMIT SERVICE	Non-Catalog-Item	Software Services		20	HUR	180.00 EUR	3,600.00 EUR

Feature at a Glance

Introducing: Support for unplanned lean service line items

Buyer and supplier: view a service sheet or standard invoice

A new type of line item, **Limit Service**, is introduced in the service sheet view (1) and the invoice view (2), in addition to **Material**, **Service**, and **Lean Service**.

Original Purchase Order: Lean_Limit-With-SES-03

Line No.	Line Ref No.	Type	Part No. / Description	Customer Part No.	Qty / Unit	Unit Price
1	10	LIMIT SERVICE	AD4BNC13 Testing-01	Buyer_10000816	1 / (EA)	\$4,400.00 USD

DETAILS

Start Date: 1 Sep 2014 End Date: 20 Sep 2022

Auxiliary Part ID:
Manufacturer Part No.:
Manufacturer Name:
Country of Origin:
Classification Domain: unspsc
Service Classification: 432118
Additional Information:
10

Line No.	Line Ref No.	Type	Part No. / Description	Customer Part No.	Qty / Unit	Unit Price
2	20	LIMIT SERVICE	AD4BNC13 Testing-02	Buyer_10000816	1 / (EA)	\$4,400.00 USD

DETAILS

Start Date: 1 Sep 2014 End Date: 20 Sep 2022

Service Sheet: 4500002257

Resend Print Export cXML

Detail History

Service Sheet (Approved) 4500002257
Date: 20 Dec 2019
Purchase Order: 4500002257-02
Subtotal: 4,800.00 EUR
\$4,400.00 USD

Subtotal: 4,800.00 EUR

Done

Service Entry Sheet Lines

Line #	Type	Service # / Description	Line Type	Contract #	Qty (Unit)	Unit Price	Subtotal	
1	Limit Service	Non-Catalog-Item Repair	Unplanned from PO		10 (HUR)	120.00 EUR	1,200.00 EUR	Summary
		Service Period		Service Start Date: 1 Dec 2019		Service End Date: 15 Dec 2020		
2	Limit Service	Non-Catalog-Item Software Services	Unplanned from PO		20 (HUR)	180.00 EUR	3,600.00 EUR	Details

Service Entry Summary
Subtotal: 4,800.00 EUR

Resend Print Export cXML

Done

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Feature at a Glance

Introducing: **Support for unplanned lean service line items**

Buyer and supplier: cXML changes

To indicate a limit service line item, Ariba Network uses the **Extrinsic** section where the value of the name field is **ExpectedUnplanned** with a subsection **Money** where the currency field specifies the predefined limit specified by the buyer. This is in addition to the use of value **lean** for the **itemType** field and the value **service** for the **itemClassification** field in the **ItemOut** section of a purchase order cXML document to indicate a lean service item.

The following is an example:

```
<ItemOut lineNumber="1" quantity="10" itemType="lean" itemClassification="service" requiresServiceEntry="yes">
```

```
[...]
```

```
<BlanketItemDetail>
```

```
[...]
```

```
<Extrinsic name="ExpectedUnplanned">
```

```
  <Money currency="USD">4450.00</Money>
```

```
</Extrinsic>
```

```
[...]
```

Feature at a Glance

Introducing: Notifications for new and changed purchase orders

Detailed feature information

This feature also introduces support for suppliers to enable email notifications for new purchase orders and changes in existing purchase orders. Suppliers can enable the **Send notifications for new purchase orders to suppliers** checkbox (1) to receive email notifications for new purchase orders or changes in existing purchase order.

The new checkbox **Send notifications for new purchase orders to suppliers** is added in the **Electronic Order Routing** section under the **Network** tab under **Notifications** in **Account Settings**.

The checkbox to enable email notifications to the suppliers is applicable to all new purchase orders and changes in existing purchase orders.

The screenshot shows the SAP Account Settings interface for 'Ariba Network Enterprise Account'. The 'Network' tab is selected, and the 'Discovery' sub-tab is active. The 'Electronic Order Routing' section is visible, containing a table with columns for 'Type', 'Send notifications when...', and 'To email addresses (one required)'. The table has two rows: 'Order' and 'Purchase Order Inquiry'. In the 'Order' row, the checkbox 'Send notification for new purchase orders to suppliers' is checked and circled with a purple '1'. The 'To email addresses' field for the 'Order' row contains 'kumar.nitesh@sap.com'. The 'Purchase Order Inquiry' row has an empty 'To email addresses' field containing 'sa1@s.c'.

Type	Send notifications when...	To email addresses (one required)
Order	<input checked="" type="checkbox"/> Send a notification when orders are undeliverable. <input type="checkbox"/> Send a notification when a new collaboration request against an existing order is received. <input checked="" type="checkbox"/> Send notification for new purchase orders to suppliers.	* kumar.nitesh@sap.com
Purchase Order Inquiry	<input type="checkbox"/> Send a notification when purchase order inquiries are received. <input type="checkbox"/> Send a notification when purchase order inquiries are undeliverable.	* sa1@s.c