



SAP Ariba 

Supplier Managed Replenishment

Supplier Training Guide

Baker Hughes 

INTERNAL

Supplier Managed Inventory

Replenishment Order – Process Introduction

SMI provides capability to share visibility into inventory levels and (gross) demand information. The Buyer will establish Min/Max stock levels and days of supply for fulfillment consideration for particular items.

Suppliers are to initiate replenishment order by creating a Sales Order based on buyer's demand. This is then reflected as a replenishment order in Ariba which automatically creates a corresponding Purchase Order in the Buyer's SAP ERP system.

The outcome of Replenishment process is the creation of the purchase order on behalf of the customer.

Per planning parameters, inventory levels or days of supply can be used.

The replenishment order is created based on selected time bucket.

Available details are aligned and configurable by customer.

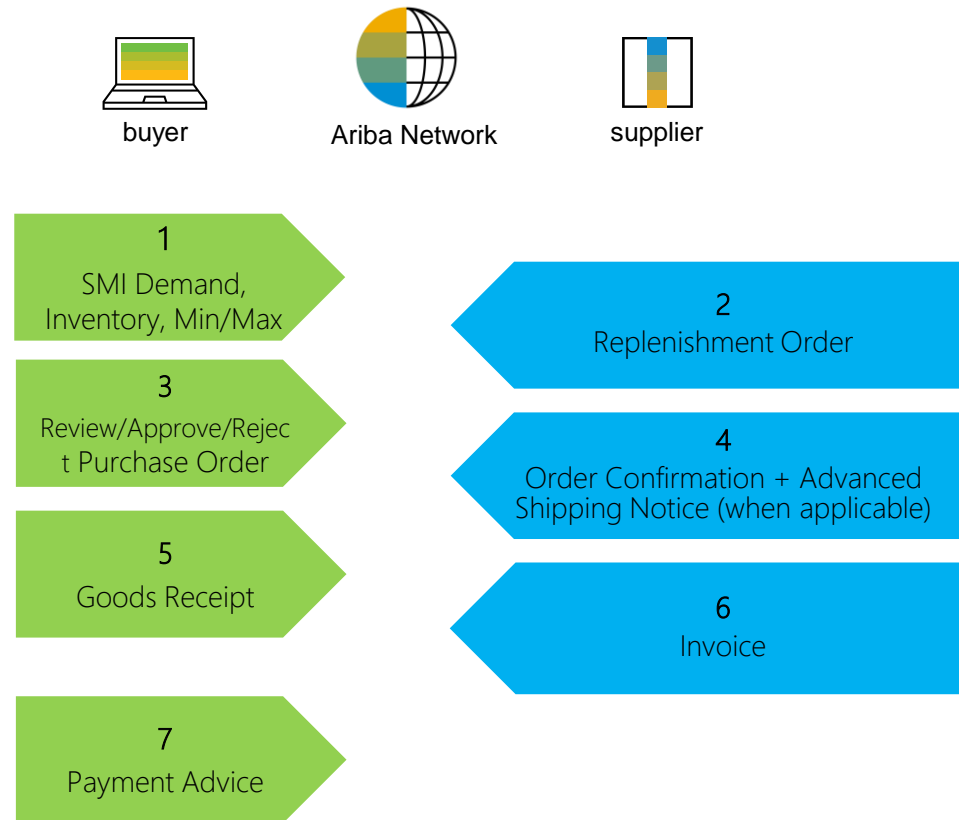
Replenishment order can be cancelled **only** as a full documents (separate lines cannot be cancelled individually).

If customer allows, suppliers can share planned replenishment quantities before creating a new replenishment order.

Supplier Managed Inventory

Replenishment Order – Overview 1

1. The Buyer shares on Ariba Network Gross Demand, Inventory, Min and Max from the ERP.
2. The supplier reviews the projected stock and reflects their planning decision by entering a replenishment order to meet demand requirements and the agreed stocking policy.
3. Replenishment order will create a PO in the buyer's ERP, which will be sent to the network.
4. At the time of dispatch, the supplier creates an ASN.
5. Following receipt in the buyer's ERP, the goods receipt status is updated on the network.
6. The supplier submits an invoice.
7. The supplier will be paid accordingly.



Planning Collaboration Overview – Main Screen

From the main page:

1. Go to **Planning/ Planning Collaboration**.
2. Search filters help to identify the right item.
3. You can set Process type field as Replenishment to ease the search.
4. Once search criteria are entered, click Search.
5. You can sort the columns by clicking on any header.
6. You can hide / display the report columns by clicking the configure icon

Planning Collaboration

► Search filters

« Page 1 »

Customer	Customer part no.	Supplier part no.	Customer location	Lead time	Part status	Last customer update	Last supplier update ↑	Stock on hand		Days of supply	Projected Stock - 10 weeks	Process type	Details
								Status	Quantity				
TechDronix	VM_TEST_2		0001 (Werk 0001)	7	active	11 Dec 2017 10:47:36 AM	2 Apr 2018 3:24:18 PM	No data	100	160	EA	Supplier managed inventory	Details
TechDronix	ERP-14415	ERP-14419		21	active	22 Apr 2018 10:43:48 PM	1 May 2018 2:23:38 PM	No data			PCE	Supplier managed inventory	Details

Viewing Inventory Levels

1. View **Stock on Hand/ Status**
2. View the **Min/Max Levels indicated by Baker Hughes**
3. Click the **10 weeks Projections** (Pop-up window will display further details, such as exact stock within a given week (each bar represents a week))
4. Click in the magnified glass icon to view the details of the item and to create the replenishment order

Customer	Customer part no.	Supplier part no. ↑	Customer location	Lead time	Part status	Last customer update	Last supplier update	Stock				10 weeks projection	4	
								Stock on hand		Stock levels				Unit
				Quantity	Status	Min.	Max.							
Baker Hughes--Test	000000000010289041		0003 (BOT, Emmott Road)	40	Active	1 Jun 2021 6:13:28 AM	2 Jun 2021 5:07:56 AM	0	No data	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	H041861004		0003 (BOT, Emmott Road)	45	Active	1 Jun 2021 6:13:28 AM	2 Jun 2021 5:11:09 AM	0	No data	0	0	IN	■■■■■■■■■■	4
Baker Hughes--Test	HWWG51D0B0	05162008	0003 (BOT, Emmott Road)	10	Active	1 Jun 2021 6:13:28 AM	2 Jun 2021 5:18:39 AM	0	No data	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	N95989-005		0575 (BH, HTC Rankin Road)	14	Active	1 Jun 2021 6:13:29 AM	2 Jun 2021 5:19:25 AM	1,008	On track	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	N900001607		0575 (BH, HTC Rankin Road)	7	Active	1 Jun 2021 6:13:29 AM	2 Jun 2021 5:20:52 AM	2,015	On track	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	HWWGE1B0HG	HWWGE1B0HG	0003 (BOT, Emmott Road)	40	Active	1 Jun 2021 6:07:48 AM	2 Jun 2021 5:24:20 AM	0	No data	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	N75991-049M		0575 (BH, HTC Rankin Road)	49	Active	1 Jun 2021 6:13:29 AM	4 Jun 2021 7:59:49 AM	909	On track	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	HWWGE1F0SG		0003 (BOT, Emmott Road)	40	Active	7 Jun 2021 2:35:47 PM	8 Jun 2021 3:19:52 AM	0	No data	0	0	EA	■■■■■■■■■■	4
Baker Hughes--Test	N75991-098		0575 (BH, HTC Rankin Road)	196	Active	6 Jun 2021 11:39:58 PM	8 Jun 2021 4:58:09 AM	22,237	On track	0	0	EA	■■■■■■■■■■	4

Out of stock
In the lead time

14 Jun 2021 | Quantity 0

Week 24

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Create Replenishment Order

1. Click on the pencil icon
2. The **Planned Replenishment** editable fields will open, enter the qty for replenishment under the appropriate date(s)
3. Click **Save**
4. Click **Create replenishment order**

Stock on hand: 0 (EA) [Part details](#) Last sent 2 Jun 2021 5:07:55 AM Create replenishment order ▾

Key figures	14 Jun 2021	15 Jun 2021	16 Jun 2021	17 Jun 2021	18 Jun 2021	19 Jun 2021	20 Jun 2021	21 Jun 2021	22 Jun 2021	23 Jun 2021
Gross demand										
Net requirement										
Firmed orders										
Previous planned replenishment										
Planned replenishment										

Planned replenishment 2 5q

Cancel Save

Published projected stock (RO)	0	0	0	0	0	0	0	0	0	0
Minimum proposal	0	0	0	0	0	0	0	0	0	0
Maximum proposal	0	0	0	0	0	0	0	0	0	0
Total shipment										
ASN received										
Days' supply (RO)	17	16	15	14	13	12	11	10	9	8
Canceled replenishment										
Order received										

Refresh data Last customer updated 1 Jun 2021 6:13:28 AM

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■ On track
 ■ Above maximum
 ■ Below minimum
 ■ Out of stock
 Lead time

Submit Replenishment Order

1. Enter a **Replenishment Order #**
2. Enter **Comments**
3. Click **Create Order**
4. The page will return to the table with a message that **your replenishment order has been sent**

Create replenishment order Cancel **Create order**

Buyer: Baker Hughes--Test

Replenishment order *: SO-4562

replenishing to max level

Ship from: 3303 W 12TH ST, HOUSTON TX 77008, USA
Phone:

Ship to: 9100 Emmott Road, HOUSTON TX, USA
Phone:

<input checked="" type="checkbox"/>	Description	Planned ship date	Delivery date	Quantity	Unit	Price
Buyer part: N95989-005 Supplier part: Buyer plant: BH, HTC Rankin Road(0575)						
<input checked="" type="checkbox"/>		14 Jun 2021		50		USD

4



Your replenishment order has been sent. Please click Refresh data to update the table.

Finding

Replenishment Orders

1. Go to **Fulfillment, Sales Order** sub-tab to verify the status.
2. As long as the corresponding PO has not been sent back from ERP and linked to the RO the routing status is **Sent** and Status **New**.
3. Once the PO is received and associated with the Replenishment Order the Routing status is switched to **Acknowledged** with the linked PO visible in column Order Number.
4. The reference to the replenishment order is specified in the subsequent purchase order header.

The screenshot shows the SAP Business Network interface. The top navigation bar includes 'Business Network', 'Enterprise Account', 'TEST MODE', and 'Back to classic view'. Below the navigation bar, there are tabs for 'Home', 'Enablement', 'Workbench', 'Planning', 'Orders', 'Fulfillment', 'Quality', 'Invoices', 'Payments', and 'More'. A 'Create' button is visible on the right. The main content area is titled 'Sales Orders' and features a 'Search Filters' section. A dropdown menu is open over the 'Sales Orders' link, listing options: 'Order Confirmations', 'Service Sheets', 'Time and Expense Sheets', 'Ship Notices', 'Goods Receipts', 'Extended Collaboration', 'Product Replenishment', 'Sales Orders' (highlighted with a red circle and '1'), and 'Drafts'. Below the dropdown, a table of sales orders is visible with columns for 'Sales Order ID', 'Sales Order Type', 'Customer', 'Routing Status', 'Status', 'Order Number', 'Order Status', and 'Actions'.

Note: From here **Order Collaboration** flow can be followed (order confirmation, ship notice, invoice when applicable).

This table shows a close-up of the 'Sales Orders' table. The columns are 'Sales Order ID', 'Sales Order Type', 'Customer', 'Date', 'Routing Status', 'Status', 'Order Number', 'Order Status', and 'Actions'. The first row is highlighted with a red box and a red circle '2' next to the 'Routing Status' and 'Status' columns. The second row is also highlighted with a red box and a red circle '3' next to the 'Routing Status' and 'Status' columns. The 'Sales Order ID' 'FU_RO_C2' in the second row is also highlighted with a red box.

Sales Order ID	Sales Order Type	Customer	Date	Routing Status	Status	Order Number	Order Status	Actions
RO FU 11	Replenishment	TechDronix	27 Sep 2018 2:11:28 PM	Sent	New			Actions
FU_RO_C2	Replenishment	TechDronix	27 Jul 2018 3:16:21 PM	Acknowledged	New	4500207287	New	Actions

The 'Reference Document Details' section shows the following information:

- Document Type: ReplenishmentOrder
- Document Number: 1RO190328
- Document Date: 28 Mar 2019 6:11 AM MST

A red circle '4' is next to the 'Document Number' field.

Cancel Replenishment

Replenishment order can be cancelled **only** as a full document (separate lines **cannot** be cancelled individually).

1. Go to **Fulfillment, Sales Order** sub-tab.
2. Use search filters to identify the desired replenishment order (Sales Order ID).
3. Once order appears below, click **Actions** and choose **Cancel Order** from the dropdown.
4. Status now shows as Cancelled

The screenshot shows the SAP Business Network interface. At the top, there's a navigation bar with 'SAP Business Network', 'Enterprise Account', 'TEST MODE', and a 'Back to classic view' button. Below this is a menu with 'Home', 'Enablement', 'Workbench', 'Planning', 'Orders', 'Fulfillment', 'Quality', 'Invoices', 'Payments', and 'More'. A 'Create' button is also visible.

The main content area is titled 'Sales Orders'. It features a 'Search Filters' section with a '2' in a yellow circle. Below this is a table of Sales Orders. A dropdown menu is open over the 'Sales Orders' link, with '1' in a yellow circle next to it. The table has columns for 'Sales Order ID', 'Sales Order Type', 'Customer', 'Routing Status', 'Status', 'Order Number', 'Order Status', and 'Actions'. The 'Status' column for the row with ID 'ROSMR_UAT03D' is circled in black, with a '4' in a yellow circle next to it. An arrow points from the 'Cancel Order' option in the 'Actions' column to this circled status, with a '3' in a yellow circle next to the arrow.

Sales Order ID	Sales Order Type	Customer	Routing Status	Status	Order Number	Order Status	Actions
123	Replenishment	Baker Hughes--T	M	Acknowledged	New		Actions
RON75991-098	Replenishment	Baker Hughes--T		Acknowledged	New	4511492455	Actions
ROSMR_TS01	Replenishment	Baker Hughes--Test		Acknowledged	New		Actions
ROSMR_UAT01A	Replenishment	Baker Hughes--Test		Acknowledged	New	4511492478	Actions
ROSMR_UAT02T	Replenishment	Baker Hughes--Test		Acknowledged	New	4511492475	Actions
ROSMR_UAT03D	Replenishment	Baker Hughes--Test		Acknowledged	New		Actions
ROSMR_UAT03D	Replenishment	Baker Hughes--Test		Acknowledged	Obsolleted		Actions
SO-2223	Replenishment	Baker Hughes--Test		Acknowledged	New		Actions

Support

Types of Support Available

Type of Support(Specify	Description
Supplier Information Portal (Location of Training Guide/s and Video/s)	https://support.ariba.com/item/view/191407

Help Centre

Enter from your Supplier account:

1. Learning Center
 - Training documentation
 - User Community
2. Support Center
 - Get help by email (Choose from the drop down list of problem type – Supply Chain Collaboration)
 - Get help by live chat
 - Request a phone call
 - Attend a live webinar