



SAP Ariba 

SAP SCC Supplier Managed Inventory (with Replenishment Order)

Supplier Training Guide

Rev, 7th Sep 2022

Public

ABB

THE BEST RUN 

Agenda

SMI with Replenishment Order

- Process Introduction
- Process Overview
- Different Modes of Integration/ Automation

SMI with Replenishment Order User Interaction

- Key Steps
- Planning Collaboration
- Portal User Interaction
- Shipping and Receiving

SMI with Replenishment Order

In this Chapter You Will Learn About ...

- ... what is Supplier Managed Inventory from a process perspective
- ... process overview
- ... the different modes of process automation

Supplier Managed Inventory

Replenishment Order – Process Introduction

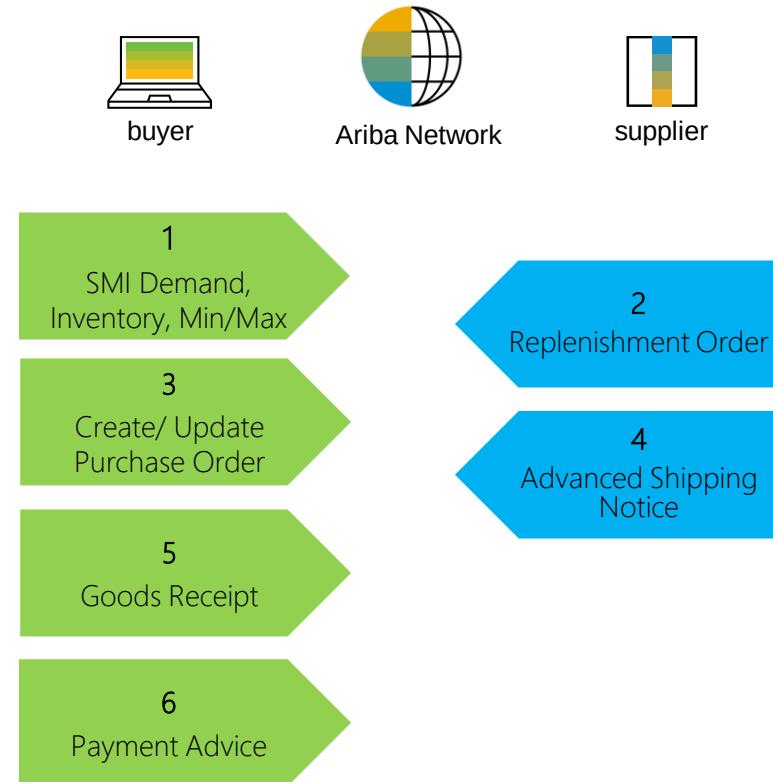
SMI provides foundational capability for supply chain collaboration between Buyers and Suppliers in such a way that Buyer shares inventory and (gross) demand information. Buyer can provide as well established Min/Max stock levels and days of supply for fulfillment consideration.

In the scenario with Replenishment order the suppliers create a Sales Order based on buyers demand. This then is reflected as a replenishment order in SCC and automatically creates a corresponding PO in the Buyers SAP ERP system.

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 will be paid accordingly.



Different modes of Integration/ Automation

Ariba allows suppliers to work in different modes.

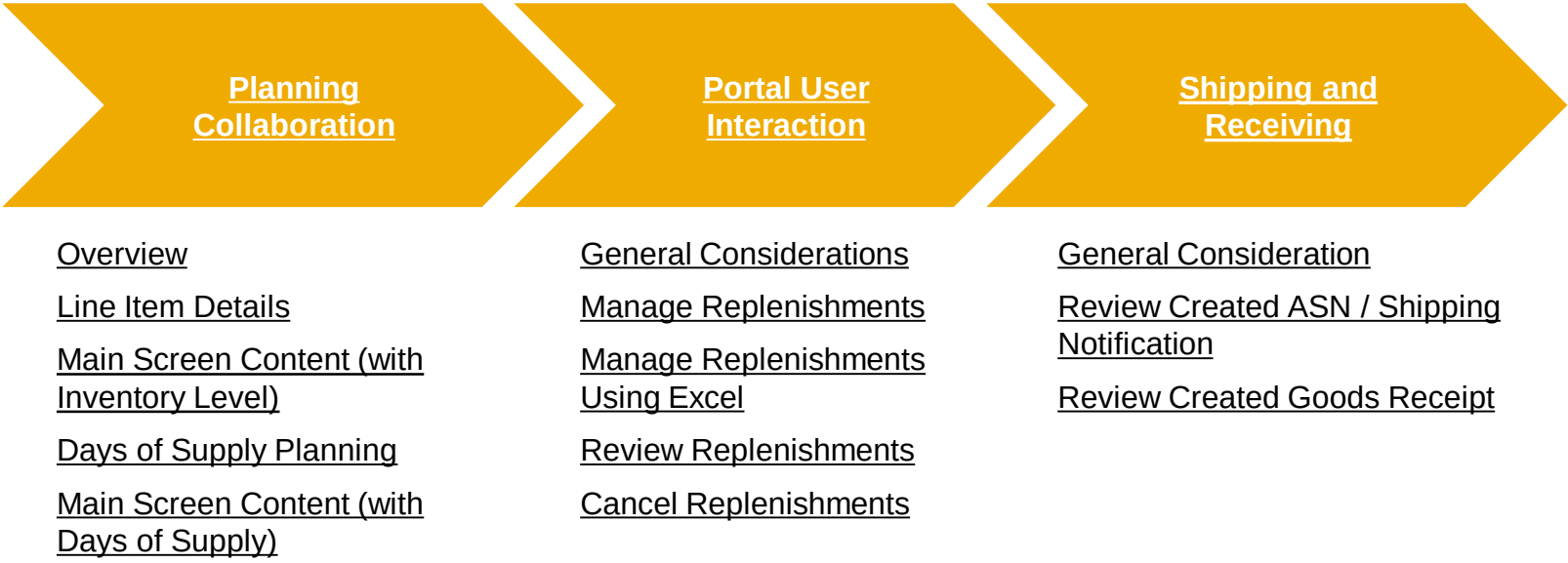
- **Portal:** The Supplier works online through the Web Browser.
- **Excel:** You can manage your Replenishment Orders using Excel Upload/ Download function.
- **Full System Integration:** Ariba allows to electronically integrate with the network.

SMI with Replenishment Order User Interaction

In this Chapter You Will Learn About ...

- ... how to navigate in AN supplier account
- ... how to manage replenishment orders
- ... how to manage replenishment orders using Excel
- ... how to manage shipping and receiving as part of SMI process

Key Steps



Planning Collaboration

Overview – Main Screen

From the Homepage:

1. Click on **Planning/ Planning Collaboration**.
2. Screen presents the overall status for all selected materials.
3. Search filters help to identify the right item. Expand the section and enter specific search criteria. Specify process type – **Replenishment**.

Planning Collaboration

Search filters

Filter: All customers

Customer	Customer part no.	Supplier part no.	Stock on hand		Stock levels		Unit	10 weeks projection	Process type ↓	Line of business	
			Quantity	Status	Min.	Max.					
SCC Delivery Team - Global H19 Client 400 - TEST	BP001	S_BP001	219	On track	0	0		■■■■■■■■■■	Replenishment		🔍
SCC Delivery Team - Global H19 Client 400 - TEST	SP001		6,323	Above maximum	2,000	3,000	PC	■■■■■■■■■■	Replenishment		🔍
BP SCC Buyer - TEST	2921		1,302	On track	75	0	EA	■■■■■■■■■■	Supplier managed inventory		🔍

Search filters

Customer * BP SCC Buyer - TEST

Customer part no.

Supplier part no.

Customer location

Planner code

Part category

Customer view

Line of business

Product family

Product subfamily

Program code

Part type

Process type

Part status ☒ Active ☐ Inactive

☐ Show unique part and plant

Planning Collaboration

Overview - Search Filters Description

Field	Description
Customer	Customer identification.
Customer Part Number	Customer's material number.
Supplier Part Number	Vendor's material number.
Customer Location	Customer Plant.
Planner Code	Customer planner identification.
Show Unique Part and Plant	Once checked, the result screen will show key figures for both supplier managed inventory and forecast data.
Part Category	Part Category as aligned with the customer.
Line of Business	Line of Business as aligned with the customer.
Product Family	Product Family as aligned with the customer.
Product Sub-Family	Product Sub-Family as aligned with the customer.
Program Code	Program Code of Business as aligned with the customer.
Part Type	Part Type as aligned with the customer.
Process Type	Specifies whether the part is using Replenishment Order for SMI (can be combined with Forecast).
Part Status	Specifies if the part is active or inactive.
Customer View	Buyers are allowed to create views, referred to as custom views, for planning processes and set conditions for their display

Planning Collaboration

Overview - Columns

1. You can sort the columns by clicking on any header.
2. 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 Status	Min.	Max.	Unit	Days of supply Min. Max.		Projected Stock - 10 weeks	Process type	
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

Planning Collaboration

Overview - Stock Details

1. Click the **Stock on Hand/ Status** (e.g. Below Minimum). Pop-up window will display further details such as:
 - Different stock types transmitted from the buyers ERP or
 - Min / Max Levels
2. Click the **Projected Stock**. Pop-up window will display further details, such as exact stock within a given week (each bar represents a week).

5000	10000	EA		Supplier managed inventory	Details
1000	4000	EA		Supplier managed inventory	Details
500	900	EA		Supplier managed inventory	Details
1350	2000	EA		Supplier managed	Details
	800	EA			Details
		EA			Details
500	800	EA			Details

Below minimum

22 Oct 2018 | Quantity 450

Week 43

< >

Stock on hand		Stock levels		Unit	Projected Stock - 10 weeks	Process type ↑	
Quantity	Status	Min.	Max.				
3500	Above maximum	500	800	EA		Replenishment	Details
300	Below minimum			EA		Replenishment	Details
0		500	1000			Supplier managed inventory	Details
300						Supplier managed inventory	Details
1400						Supplier managed inventory	Details
600						Supplier managed inventory	Details
7200						Supplier managed inventory	Details
2000						Supplier managed inventory	Details
980						Supplier managed inventory	Details
1325						Supplier managed inventory	Details
0						Supplier managed inventory	Details

Below minimum -200

Min Max

Stock on hand 300 (EA)

Buyer own stock

Unrestricted 300

Quality 0

Blocked 0

Special stock

Stock in transit

Subcontracting

Consignment

Unrestricted

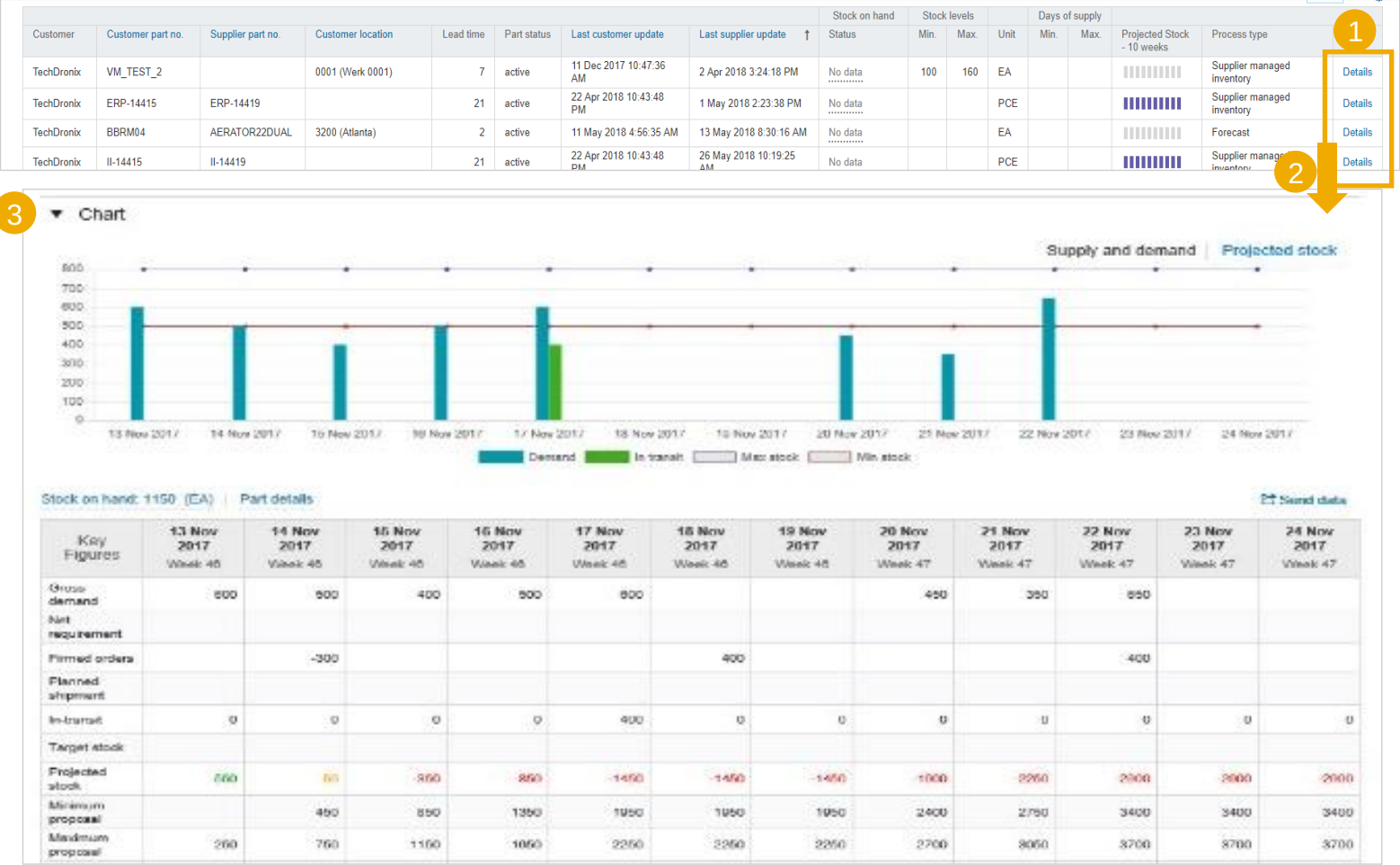
Blocked

Quality

Planning Collaboration

Line Item Details – Main Screen

- 1. Click **Details** to open the item data report.
- 2. Item data report is the key for the supplier to plan and review the replenishment of the buyer's stock.
- 3. Expand the **Chart** section to view the graphs.



Planning Collaboration

Main Screen Content (with Inventory Levels)

Figure	Description	Source
Gross demand	Forward-looking consumption.	Buyer ERP
Net requirement	Constrained demand based on buyer's planning system.	Buyer ERP
Firmed orders	Buyer confirmed orders within the firm zone.	Ariba Network calculation
In transit	Dispatched quantity not yet received at customer.	Ariba Network calculation
Target stock	The Total Target Stock maintained in the buyer system.	Buyer ERP
Minimum proposal	The Minimum Proposal key figure specifies the minimum replenishment quantity required to bring stock up to the defined minimum stock level	Ariba Network calculation
Maximum proposal	The Maximum Proposal key figure specifies the maximum replenishment quantity required to bring stock up to the defined maximum stock level.	Ariba Network calculation
Total shipment	Based on total receipts by the Buyer for each time bucket.	Ariba Network calculation
ASN received	Quantity received by the buyer based on shipments, within each of the user-selected time bucket.	Ariba Network calculation
Order received	Quantity received by the buyer based on orders, within each of the user-selected time bucket.	Ariba Network calculation
Previous planned replenishment	The total quantity of previously saved planned replenishments, within each of the user-selected time bucket.	Ariba Network
Planned replenishment	The editable field where supplier enters replenishment quantity, within each of the user-selected time bucket.	Supplier input
Published replenishment	The total quantity of created replenishment orders, within each of the user-selected time bucket.	Ariba Network
Planned projected stock (RO)	Stock on hand – gross demand + (previous planned replenishment + planned replenishment).	Ariba Network calculation
Published projected stock (RO)	Stock on hand – gross demand + published replenishment.	Ariba Network calculation
Days of supply (RO)	Coverage of (projected) stock in respective time bucket.	Ariba Network calculation
Cancelled replenishment	The total quantity of cancelled replenishment orders.	Ariba Network

Planning Collaboration

Days of Supply Planning 1

Some buyers use **days of supply** instead of stock quantities in supplier-managed inventory. This feature calculates the Minimum inventory and Maximum inventory key figures based on the minimum and maximum days of supply. Inventory quantities calculated from days-of-supply quantities are rounded to the nearest whole number.

Planning Collaboration

Days of Supply Planning 2

1. On the **Planning Collaboration** page, system now adds **Min. and Max. columns** under a Days of supply heading. These columns are hidden by default.
2. Click the table options icon at the top of the table to change the display settings.

Note:

- For items on the Planning Collaboration page that have days-of-supply quantities and the stock level values are either 0 or empty, the details page uses the Supplier managed inventory days-of-supply view or Supplier managed replenishment days-of-supply view.
- Lines on the chart are changed to indicate the minimum and maximum inventory values, instead of the minimum and maximum stock.
- Key figures Minimum inventory and Maximum inventory are added to the table.
- The formula to calculate the Minimum proposal and Maximum proposal key figures is changed to use values for Minimum inventory and Maximum inventory instead of Minimum stock and Maximum stock.

Planning Collaboration

► Search filters

1

2

◀ Page 1 ▶

Customer	Customer part no.	Supplier part no.	Customer location	Lead time	Part status	Last customer update	Last supplier update ↑	Stock on hand	Stock levels		Unit	Days of supply		Projected Stock - 10 weeks	Process type	
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

Planning Collaboration

Main Screen Content (with Days of Supply)

Figure	Description	Source
Gross demand	Forward-looking consumption.	Buyer ERP
Net requirement	Constrained demand based on buyer's planning system.	Buyer ERP
Firmed orders	Buyer confirmed orders within the firm zone.	Ariba Network calculation
In transit	Dispatched quantity not yet received at customer.	Ariba Network calculation
Target stock	The Total Target Stock maintained in the buyer system.	Buyer ERP
Minimum proposal	The Minimum Proposal key figure specifies the minimum replenishment quantity required to bring stock up to the defined minimum stock level	Ariba Network calculation
Maximum proposal	The Maximum Proposal key figure specifies the maximum replenishment quantity required to bring stock up to the defined maximum stock level.	Ariba Network calculation
Total shipment	Based on total receipts by the Buyer for each time bucket.	Ariba Network calculation
ASN received	Quantity received by the buyer based on shipments, within each of the user-selected time bucket.	Ariba Network calculation
Order received	Quantity received by the buyer based on orders, within each of the user-selected time bucket.	Ariba Network calculation
Minimum inventory	The sum of the gross demand for the time buckets after current date based on minimum days of supply.	Ariba Network calculation
Maximum inventory	The sum of the gross demand for the time buckets after current date based on maximum days of supply.	Ariba Network calculation
Previous planned replenishment	The total quantity of previously saved planned replenishments, within each of the user-selected time bucket.	Ariba Network
Planned replenishment	The editable field where supplier enters replenishment quantity, within each of the user-selected time bucket.	Supplier input
Published replenishment	The total quantity of created replenishment orders, within each of the user-selected time bucket.	Ariba Network
Planned projected stock (RO)	Stock on hand – gross demand + (previous planned replenishment + planned replenishment).	Ariba Network calculation
Published projected stock (RO)	Stock on hand – gross demand + published replenishment.	Ariba Network calculation
Days of supply (RO)	Coverage of (projected) stock in respective time bucket.	Ariba Network calculation
Cancelled replenishment	The total quantity of cancelled replenishment orders.	Ariba Network

Portal User Interaction

In this Chapter You Will Learn About ...

- ... how to navigate to the screens supplier needs to work with
- ... how to read the screens
- ... how to manage the customer stock

Portal User Interaction

General Considerations

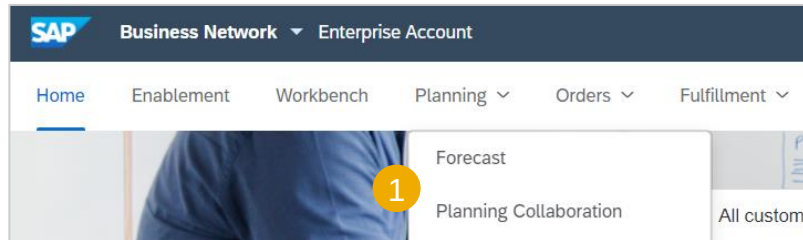
- The outcome of Replenishment process is the creation of the purchase order on behalf of the customer.
- Per planning parameters, inventory levels or days of supply can be used.
- The replenishment order is created based on selected time bucket.
- Available details are aligned and configurable by customer.
- 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.
- Customer can define new attribute fields that will be used to provide additional information about planning records. The customers can give the new field a name of their choice. In such case, supplier will be able to see the new customer defined attributes in their Supplier Portal UI.

Portal User Interaction

Manage Replenishments 1

From the Homepage:

1. Click on **Planning/ Planning collaboration**. Using search filters or overview screen specify the process type as 'Replenishment'.
2. Click on **Details** icon to open the planning grid for process type Replenishment. New window will appear.



Customer	Customer part no.	Stock						Process type ↓	Line of business	
		Stock on hand		Stock levels		Unit	10 weeks projection			
		Quantity	Status	Min.	Max.					
SCC Delivery Team - Global H19 Client 400 - TEST	BP001	219	On track	0	0			Replenishment		2
SCC Delivery Team - Global H19 Client 400 - TEST	SP001	6,323	Above maximum	2,000	3,000	PC		Replenishment		

Portal User Interaction

Manage Replenishments 2

1. Select **View by** in order to choose between different aggregation modes (Daily, Weekly, Monthly, Quarterly, Yearly). The key figures will be summed accordingly.
2. Specify the date in the **Starting from** field.
3. Press the arrows to navigate through the time periods.
4. Press **Chart** if you want to review the graphs.

Supplier managed replenishment details

NALA CLAQ1BUYER2 Part no. KCCM101 Customer Location Atlanta

View by: Daily Starting from: 03/05/2019

Starting from: 5 Mar 2019

Chart

Stock on hand: 3500 (EA) Part details Last sent 11 Oct 2018 10:08:47 AM Create replenishment order

Key figures	5 Mar 2019	6 Mar 2019	7 Mar 2019	8 Mar 2019	9 Mar 2019	10 Mar 2019	11 Mar 2019	12 Mar 2019	13 Mar 2019	14 Mar 2019
Gross demand										

Portal User Interaction

Manage Replenishments 3

5. Click **pencil** icon to get into edit mode.

Note:

- Depending on the Buyer settings for the replenishment view the pencil symbol appears in either the weekly or daily view. If not visible the user has to switch between the time bucket views.
 - The blue background color indicates the lead time for this material.
6. Supplier enters **planned replenishments** in order to get projected inventory within the min/max levels (min/max proposals simplify the determination of quantities).
7. Pressing **Save** button will trigger the recalculation of projected stock (and change colors if status changes). Supplier might want to enter multiple planned replenishments in different time buckets if needed.

LOB APJ Buyer 1 - TEST Part no. PROC-MF-CM-0001 Customer Location Atlanta

View by: Weekly Starting from: 09/24/2018

Starting from: 24 Sep 2018

Chart

Stock on hand: 458 (EA) Part details

Key figures	24 Sep 2018 Week 39	1 Oct 2018 Week 40	8 Oct 2018 Week 41	15 Oct 2018 Week 42	22 Oct 2018 Week 43	29 Oct 2018 Week 44	5 Nov 2018 Week 45	12 Nov 2018 Week 46	19 Nov 2018 Week 47	26 Nov 2018 Week 48
Gross demand										
Net requirement										
Firmed orders										
Previous planned replenishment										
Planned replenishment										
Published replenishment										
In transit										
Target stock										
Planned projected stock (RO)	458	458	458	458	458	458	458	458	458	458
Published projected stock (RO)	458	458	458	458	458	458	458	458	458	458
Minimum proposal	42	42	42	42	42	42	42	42	42	42
Maximum proposal	342	342	342	342	342	342	342	342	342	342
Total shipment										
ASN received										
Days' supply (RO)	52	51	50	49	48	47	46	45	44	43

LOB APJ Buyer 1 - TEST Part no. PROC-MF-CM-0001 Customer Location Atlanta

View by: Weekly Starting from: 09/24/2018

Starting from: 24 Sep 2018

Chart

Stock on hand: 458 (EA) Part details

Key figures	24 Sep 2018 Week 39	1 Oct 2018 Week 40	8 Oct 2018 Week 41	15 Oct 2018 Week 42	22 Oct 2018 Week 43	29 Oct 2018 Week 44	5 Nov 2018 Week 45	12 Nov 2018 Week 46	19 Nov 2018 Week 47	26 Nov 2018 Week 48
Gross demand										
Net requirement										
Firmed orders										
Previous planned replenishment										
Planned replenishment		84								
Published replenishment										
In transit										
Target stock										
Planned projected stock (RO)	458	458	458	458	458	458	458	458	458	458
Published projected stock (RO)	458	458	458	458	458	458	458	458	458	458
Minimum proposal	42	42	42	42	42	42	42	42	42	42
Maximum proposal	342	342	342	342	342	342	342	342	342	342
Total shipment										

Cancel Save

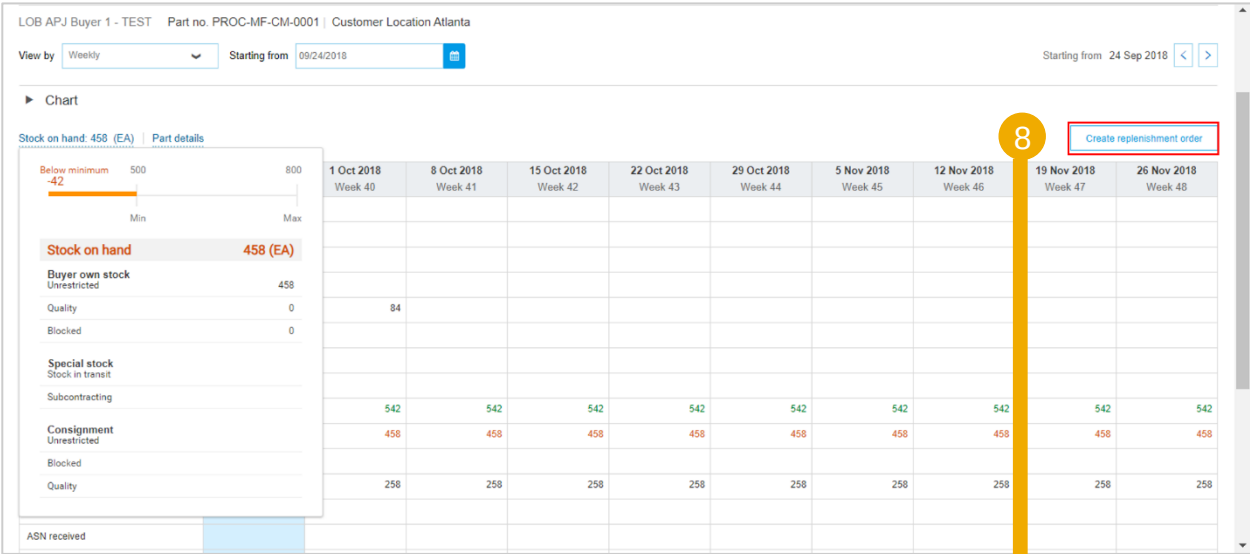
Portal User Interaction

Manage Replenishments 4

- 8. Clicking the button **Create replenishment order** passes the entered replenishment data over to the replenishment order (RO) screen.
- 9. Here individual planned replenishment quantities in the different time buckets will result in a separate line item of the replenishment order and can be selected/deselected here before creating the RO.
- 10. If customer allows, you will be able to share planned replenishment quantities before creating a new replenishment order. Dropdown with **Send Data** option will appear.

Note:

- Replenishment Order button only appears if planned replenishment exists.



The screenshot shows the 'Create replenishment order' form. It includes fields for Buyer (LOB APJ Buyer 1 - TEST), Replenishment order *, Ship from, and Ship to. Below these is a table with columns: Include, Description, Planned ship date, Delivery date, Quantity, Unit, and Price. The table contains one row for 'Manufacturing component' with a planned ship date of 1 Oct 2018, a delivery date of 1 Oct 2018, a quantity of 84, and a unit of EA. A 'Send Data' button is visible in the bottom right corner.

The screenshot shows the 'Key figures' table for part PROC-MF-CM-0001. The table has columns for dates from 23 Sep 2020 to 30 Sep 2020. The rows include Gross demand, Net requirement, Firmed orders, and Previous planned replenishment. A yellow arrow points from the 'Send Data' button in the bottom right corner of the table to the next screenshot.

Key figures	23 Sep 2020	24 Sep 2020	25 Sep 2020	26 Sep 2020	27 Sep 2020	28 Sep 2020	29 Sep 2020	30 Sep 2020
Gross demand								
Net requirement								
Firmed orders								
Previous planned replenishment								

Portal User Interaction

Manage Replenishments 5

11. Replenishment order field is a mandatory key field to identify the RO & text box is optional
12. Now the order can be created by pressing the **check flag** and
13. clicking **Create order** button in the upper right corner.
14. This triggers the transfer of the data to the ERP system in the background.

Note:

- Quantity, date and price value can be changed.

Create replenishment order

Buyer: LOB APJ Buyer 1 - TEST

Replenishment order*: RO_TEST1

to get back into green

Ship from: 100 Ave, New York NY 10001, USA

Ship to: 867 1 300 Peach tree street So, ATLANTA GA, United States

Include	Description	Planned ship date	Delivery date	Quantity	Unit	Price
☒	Manufacturing component	1 Oct 2018	1 Oct 2018	84	EA	USD

Buyer part: PROC-MF-CM-0001 | Supplier part: | Buyer plant: Atlanta(3200)

SAP Ariba logo and footer text.

Supplier managed replenishment details

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

TechDronix Part no. FU_RO_0001 | Customer Location Werk 0001

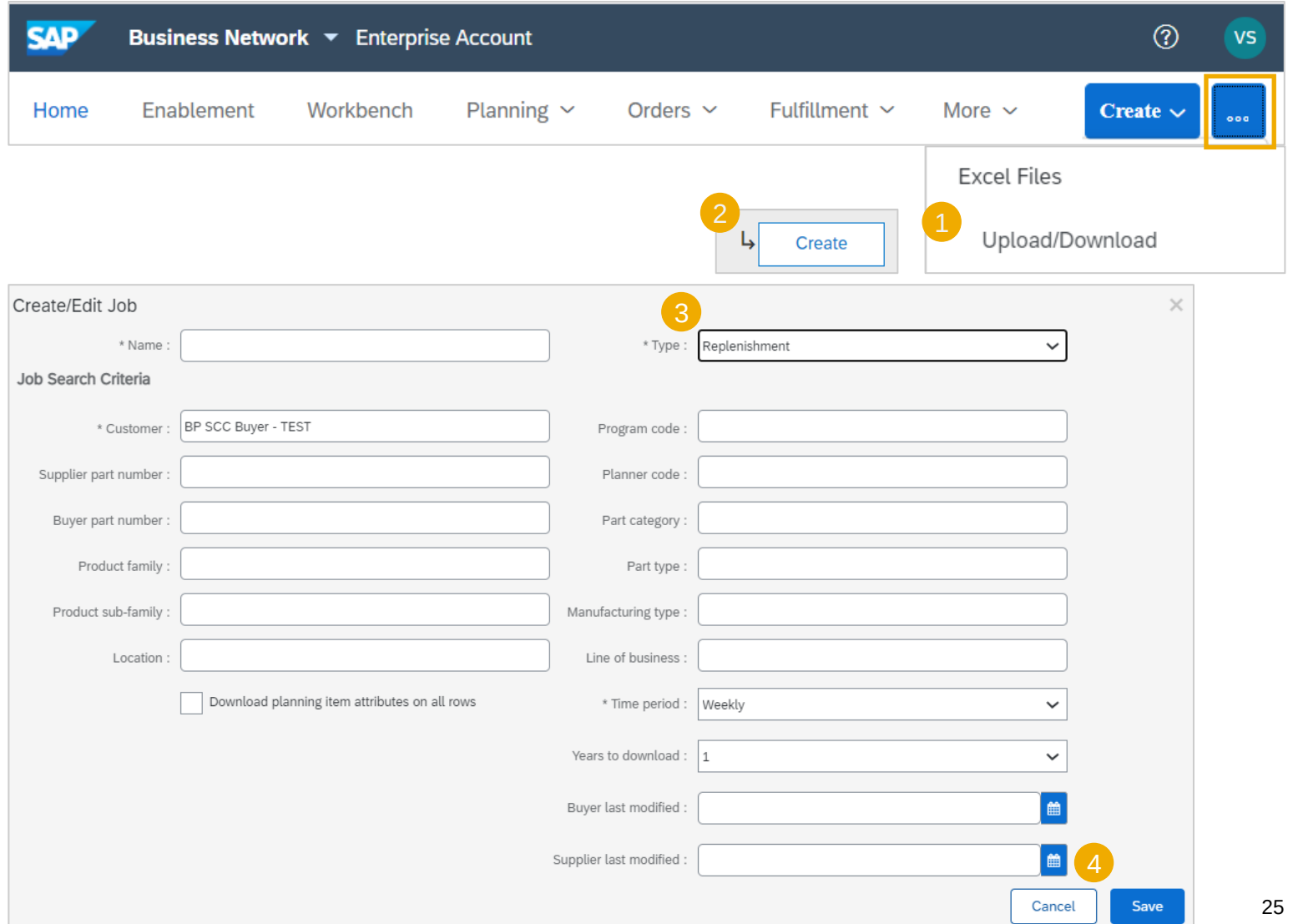
Portal User Interaction

Manage Replenishments Using Excel – Create a Report 1

Excel Download/ Upload functionality allows suppliers with large number of materials to manage their replenishments in a more efficient way.

From the Home page:

1. Click  button and select **Upload/Download** from the drop down.
2. In the Jobs sub-tab click **Create**.
3. In the pop-up select job-type **Replenishment**.
4. Fulfill search criteria and all mandatory fields and click **Save**.



The screenshot displays the SAP Business Network Enterprise Account interface. The top navigation bar includes the SAP logo, 'Business Network', and 'Enterprise Account'. Below this, a secondary navigation bar contains links for Home, Enablement, Workbench, Planning, Orders, Fulfillment, and More. A 'Create' button is visible in the top right corner. A dropdown menu is open, showing 'Excel Files' and 'Upload/Download' (highlighted with a yellow circle and labeled '1'). A 'Create' button is also highlighted with a yellow circle and labeled '2'. Below the navigation bar, the 'Create/Edit Job' form is displayed. The form includes fields for * Name, * Type (set to 'Replenishment'), * Customer (set to 'BP SCC Buyer - TEST'), Supplier part number, Buyer part number, Product family, Product sub-family, Location, Program code, Planner code, Part category, Part type, Manufacturing type, Line of business, * Time period (set to 'Weekly'), Years to download (set to '1'), Buyer last modified, and Supplier last modified. A checkbox for 'Download planning item attributes on all rows' is also present. The form is labeled with a yellow circle and '3'. At the bottom right, there are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted by a yellow circle and labeled '4'.

Portal User Interaction

Manage Replenishments Using Excel – Create a Report 2

5. Select created Job from the list and click **Run**. You will be transferred to the **Downloads** screen.
6. If report status is **Queued**, click **Refresh Status** in the bottom of the screen, until the status is changed to **Completed**.
7. Download the Job by clicking the icon in the File column and save the file on your computer.

Jobs		
Name	Type	Created
☒ RO test	Replenishment	24 Oct 2019 6:28:35 AM
☐ pricealldetailstst	Order Confirmation	22 Oct 2019 12:52:56 AM
↳ Create Edit 5 Run Clear Downloads		

Downloads				
Job Name	Type	Last Run ↕	Status	File
RO test	Replenishment	30 Oct 2019 2:04:39 AM	Completed	7 
6 ↳ Refresh Status				

Portal User Interaction

Manage Replenishments Using Excel – Edit the Report

1. Suppliers can edit the information in the downloaded Excel **for Replenishment order No.**
2. and **Planned Replenishment quantities.** The fields are highlighted in blue.
3. Suppliers are able to edit the data and enter details with **daily time buckets.**

Note:

- Suppliers need to submit an RO with at least one time bucket populated within the planning horizon of that item's buyer settings. If not, the item fails.
- For Replenishment order no. use names with no more than 12 alphanumeric characters.

Minimum days of supply		Maximum days of supply		Unit	Replenishment order No.	Unit price	Currency	Planned acceptance days	Key figures	3 Jul 2019 4 Jul 2019 5 Jul 2019 6 Jul 2019			
4		7 EA			34RO	2.56	USD		Gross demand				
									Net demand				
									Order				
									Previous Planned Replenishment				
									Planned Replenishment	19			
									Published Replenishment				
									In transit	0	0	0	0
									Target stock				
									MINIMUM_INVENTORY	0	0	0	0
									MAXIMUM_INVENTORY	0	0	0	0
									Projected stock	400	400	400	400
									Published Projected Stock	400	400	400	400

Portal User Interaction

Manage Replenishments Using Excel – Upload the Report

From the Upload/Download screen:

1. Click on **Uploads** sub-tab.
2. Press **Upload** button. Pop-up window will appear.
3. Enter a meaningful job name and select Type **Replenishment**.
4. Browse / Choose / Open file → select required excel sheet.
5. Press **Upload** button. The status will notify about the success of the upload.

Note: If upload **failed** or was **completed with errors**, download the Log and fix the errors. Then, reupload the file following the steps described above.

The screenshot shows the 'Uploads' sub-tab selected in the top navigation bar (callout 1). Below it, the 'Uploads' section has an 'Upload' button (callout 2) and a 'Refresh Status' button. A pop-up window titled 'Upload File' is open. In this window, the '* Name' field is highlighted with a yellow box (callout 3), and the '* Type' dropdown is set to 'Replenishment'. The 'File' section shows a 'Choose file' button and 'No file chosen' text (callout 4). At the bottom right of the pop-up, the 'Upload' button is highlighted with a yellow box (callout 5).

Uploads					
Name	Type	Last Uploaded	Status	File	Log
RO test	Replenishment	30 Oct 2019 3:09:42 AM	Failed	↓	↓

Portal User Interaction

Review Replenishments

From the Homepage:

1. Click on **Fulfillment/ Sales Orders**.
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.

Note: From here **Order Collaboration** flow can be followed.

The screenshot displays the SAP Business Network Enterprise Account interface. The top navigation bar includes links for Home, Enablement, Workbench, Planning, Orders, Fulfillment, and Quality. A dropdown menu for Fulfillment is open, showing 'Sales Orders' as the selected option. Below this, a table titled 'Sales Orders' lists two entries. The first entry, 'RO FU 11', has a Routing Status of 'Sent' and a Status of 'New'. The second entry, 'FU_RO_C2', has a Routing Status of 'Acknowledged' and a Status of 'New'. A 'Reference Document Details' section at the bottom shows the Document Type as 'ReplenishmentOrder', the Document Number as '1RO190328', and the Document Date as '28 Mar 2019 6:11 AM MST'. Numbered callouts (1-4) highlight the 'Sales Orders' dropdown, the 'Sent' and 'New' status columns, the 'Acknowledged' status, and the 'ReplenishmentOrder' document type, respectively.

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

Reference Document Details

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

Portal User Interaction

Cancel Replenishments 1

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

From the Sales Orders Screen:

1. Use search filters to identify the desired replenishment order (Sales Order ID).
2. Once order appears below, click **Actions** and choose **Cancel Order** from the dropdown.

Sales Orders

▼ Search Filters

1

Customer: All Customers

Sales Order ID: 1810111600

Date Range: Other

Start Date: 16 Jan 2020

End Date: 29 Jan 2020

Routing Status: All

Type: All

Number of Results: 100

Search

Reset

Sales Orders

Sales Order ID	Sales Order Type	Customer	Date	Routing Status	Status	Order Number	Order Status	2 Actions
 1810111600	Replenishment	BP SCC Buyer - TEST	11 Oct 2018 3:59:17 PM	Sent	New			Actions ▼ Cancel Order

Portal User Interaction

Cancel Replenishments 2

Status updates can be reviewed from the Sales Orders screen:

- Go to **Outbox/ Sales Order** for Replenishment Order
- Go to **Orders/ Orders & Releases** for subsequent purchase order

Sales Orders				
	Sales Order ID	Sales Order Type	Routing Status	Status
	1RO190328	Replenishment	Acknowledged	Cancelled
	1RO190328	Replenishment	Acknowledged	Obsolete

Purchase Order: 4500207939

Create Invoice ▾



Order Detail

Order History

From:
SAP A.G.
Dietmar-Hopp-Allee 16
69190 Walldorf
08

To:
Smart Tech
Teststraße 11
85841 München
Germany

Purchase Order
(+ Cancelled)
4500207939
Amount: \$380.00 USD
Version: 1 (Previous Version)

Shipping and Receiving in Supplier Managed Inventory

In this Chapter You Will Learn About ...

- ... where to find the ASN information in SMI
- ... where to find Goods Receipt information in SMI

Shipping and Receiving in Supplier Managed Inventory

General Considerations

An Advance Shipping Notifications (ASN) is typically created immediately prior to, during or immediately following the physical dispatch of goods from the vendor's premises.

The electronic submission of an ASN via the Ariba Network results in the creation of an Inbound Delivery in the customer's SAP ECC or S/4 HANA system. This document provides date and quantity visibility to the customer's MRP planner, supports receipt planning and provides the basis for executing the goods receipt.

Shipping and Receiving in Supplier Managed Inventory

Review Created ASN /Shipping Notification

For detailed ASN management please refer to Help Center documentation.

The ASN information is available to look up in the following Key figures: **In Transit, ASN received.**

Stock on hand: 100 (EA) Part details						
Key figures	5 Mar 2019	6 Mar 2019	7 Mar 2019	8 Mar 2019	9 Mar 2019	10 Mar 2019
Gross demand						
Net requirement						
Firmed orders						
Planned shipment 						
In transit						
Target stock						
Projected stock	100	100	100	100	100	100
Minimum proposal	-15	-15	-15	-15	-15	-15
Maximum proposal	75	75	75	75	75	75
Total shipment						
ASN received						
Days' supply (SMI)	364	363	362	361	360	359
Order received						

Shipping and Receiving in Supplier Managed Inventory

Review Created Goods Receipt

For detailed GR management please refer to Help Center documentation.

The GR information is available to look up in the following Key figures: **ASN received**, **Order received**.

Stock on hand: 100 (EA) Part details						
Key figures	5 Mar 2019	6 Mar 2019	7 Mar 2019	8 Mar 2019	9 Mar 2019	10 Mar 2019
Gross demand						
Net requirement						
Firmed orders						
Planned shipment 						
In transit						
Target stock						
Projected stock	100	100	100	100	100	100
Minimum proposal	-15	-15	-15	-15	-15	-15
Maximum proposal	75	75	75	75	75	75
Total shipment						
ASN received						
Days' supply (SMI)	364	363	362	361	360	359
Order received						

Thank you.

Follow us



www.sap.com/contactsap

© 2022 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platforms, directions, and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See www.sap.com/copyright for additional trademark information and notices.