

SAP Ariba 

SAP SCC Forecast Collaboration Supplier Training Guide

Rev, 7th Sep 2022

PUBLIC

ABB

THE BEST RUN 

Agenda

Forecast Collaboration

- Introduction
- Forecast Collaboration Workflow Diagram
- Different Modes of Integration/ Automation

Forecast Portal User Interaction

- Overall Considerations
- View forecast data
- Commit to given forecast quantities
- Edit forecast quantities before committing
- Excel upload for forecast commit

Forecast Collaboration

In this Chapter You Will Learn About ...

- ... the benefits of using forecast functionality
- ... the forecast collaboration workflow
- ... the methods of submitting forecast commit

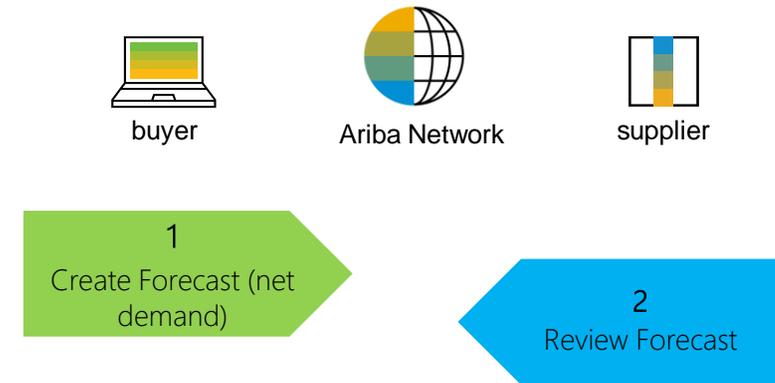
Introduction

- The forecast collaboration feature enables Buyers to share their forecast with their suppliers. This then allows the suppliers to schedule operations, purchase raw materials and plan capacity accordingly.
- Additionally, the feature enables Suppliers to make commitments. The Buyer can use those commitments for their PUBLIC constrained based planning and provide an Available to Promise back to their end-customer.
- The forecast collaboration feature provides the following to suppliers:
 - A simple table view of buyer forecast demand.
 - The ability to commit to forecast quantities based on supplier capacity and inventory.
 - Daily, weekly, monthly, quarterly and yearly time-bucket views of forecast demand.
 - Integration with other ERP and planning systems, both for buyers and for suppliers.

Forecast Collaboration Workflow Diagram

Option 1: Forecast Without Commitment

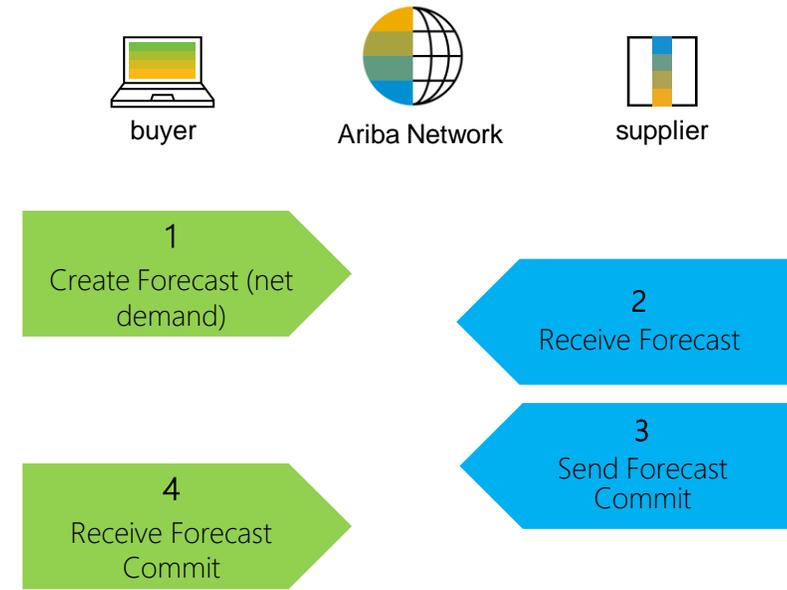
1. The buyer extracts net demand data after material requirements planning or forecast planning, and transmits this data to Ariba Network.
2. The supplier logs on to Ariba Network to view forecast demand data or download the forecast demand data to a Excel file.



Forecast Collaboration Workflow Diagram

Option 2: Forecast With Commitment

1. The buyer extracts net demand data after material requirements planning or forecast planning, and transmits this data to Ariba Network.
2. The supplier logs on to Ariba Network to view forecast demand data or download the forecast demand data to a Excel file.
3. The supplier can edit the quantities to show supply commitments or proposed changes.
4. The buyer receives forecast commit.



Different modes of Integration/ Automation

Ariba allows to work / to integrate in different modes with the system

- **Portal:** The Supplier works online through its Web Browser.
- **Excel:** The Supplier can utilize Excel options to upload data.
- **Full System Integration:** Suppliers electronically integrate their system(s) to the Network.

Forecast Portal User Interaction

In this Chapter You Will Learn About ...

- ... how to view forecast collaboration data
- ... how to commit to given forecast quantities
- ... how to edit forecast quantities before committing
- ... how to upload Excel for forecast commit

Overall Considerations

- 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.
- What part types will forecast be sent for? (SSDs vs HDDs as example)
- The forecast Horizon will encompass XX* weeks
- Commits are expected to be sent back in XXXX* buckets. (Day, week, month)
- Inventory is/is not required to be sent back on the commit
- Forecasts can be filtered based on location IE NAMER, EMEA, APJ
- Forecast will be sent out the first Tuesday of every month, and commits are expected back by the following Friday.

* varies from unit to unit

Forecast Portal Interaction



Search and identify forecast
Search filters description
Forecast Overview
Forecast Data
Key figures description

Commit to given forecast quantities

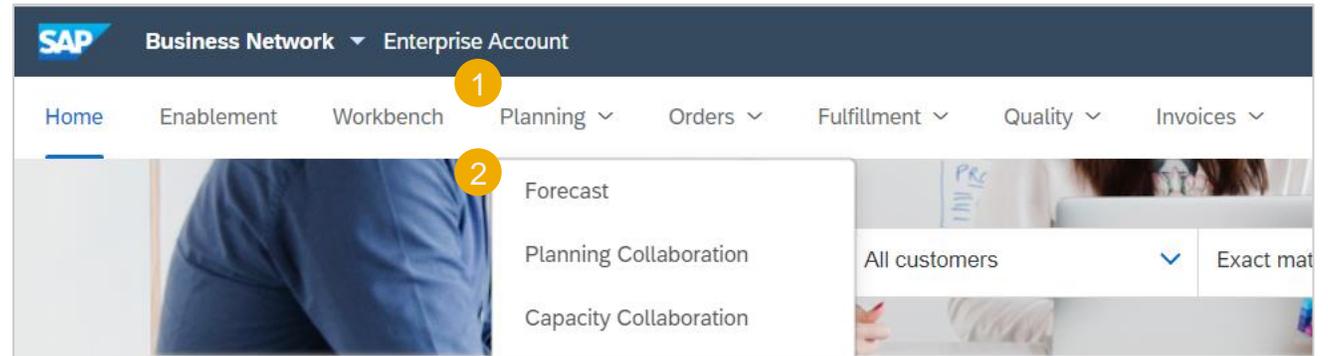
Stock on hand update
Forecast quantities update
Copy forecast to commit

Create a job
Download a job
Upload a job

View Forecast Data

Search and Identify Forecast

1. Click on **Planning** tab.
2. From the dropdown list select **Forecast**.
3. Search filters allow to identify specific forecast. Enter search criteria into any of the filter fields as desired.
4. Click **Search**.



The screenshot shows the 'Search filters' section, indicated by a yellow circle with the number '3'. The section contains several input fields for search criteria:

- 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
- Part status: Active Inactive

The screenshot shows the 'Search' and 'Reset' buttons, indicated by a yellow circle with the number '4'. The 'Search' button is blue and the 'Reset' button is white with a blue border.

View Forecast Data

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

View Forecast Data

Forecast Overview

1. Review the search results.
2. You can configure the view by clicking the configure button.
3. To view forecast details click the icon on the right hand side of you screen.

Filter « Page 1 » 

Customer	Customer part no.	Lead time	Part status	Last customer update	Stock		
					Stock on hand	Unit	
					Quantity		
SCC ANK - TEST BUYER	BP-CIG-2	2	Active	4 Oct 2019 1:38:51 AM	0	EA	
BP SCC Buyer - TEST	2937	5	Active	4 Oct 2019 2:53:37 AM	0	EA	

- Supplier part no.
- Customer location
- Lead time
- Part status
- Last customer update
- Last supplier update

View Forecast Data

Forecast Data

- Supplier can view forecast details:
 - current stock on hand
 - part details shared by the customer
 - forecasted quantities
- Supplier can set the **View by** criteria and **Starting date** as desired.
- Color coding eases the processing of data in the UI.

1 Forecast details

BP SCC Buyer - TEST Part no. 2918 Customer Location Czech Rep BP 1

2 View by Starting from

▶ Chart

Stock on hand: 36 (EA) | [Part details](#)

Key figures	21 Nov 2019	22 Nov 2019	23 Nov 2019	24 Nov 2019	25 Nov 2019
Order forecast			3		9
Cumulative forecast	0	0	3	3	12
Forecast commit			0		
Cumulative forecast commit	0	0	0	0	0
Cumulative commit vs cumulative forecast	0	0	-3	-3	-12
Previous forecast			3		6
Cumulative previous forecast	0	0	3	3	9
Cumulative forecast vs Cumulative previous forecast	0	0	0	0	3
Forecast deviation	0	0	-3	0	-9
Forecast change	0	0	0	0	3
Previous forecast commit			3		
Upside forecast					
Firmed orders					
Priority					
Order received					
Goods received					
Total shipment					

3 Refresh data Copy forecast to commit

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

View Forecast Data

Key Figures Description

Key Figures	Description	Data Source
Order forecast	Customer shared demand	Buyer standard
Cumulative forecast	Customer previous + current demand	Buyer calculated
Forecast commit	Quantity committed to the customer	Supplier standard
Cumulative forecast commit	Supplier previous + current commitment	Supplier calculated
Cumulative commit vs cumulative forecast	Cumulative commit - cumulative forecast per period	Network calculated
Previous forecast	Historic demand	Buyer standard
Cumulative previous forecast	Cumulative historic demand	Buyer calculated
Cumulative forecast vs Cumulative previous forecast	Cumulative forecast - Cumulative previous forecast	Network calculated
Forecast deviation	Forecast commit – Order forecast	Network calculated
Forecast change	Order forecast – Previous forecast	Network calculated
Previous forecast commit	Historic commit	Supplier standard
Upside forecast	Additional quantity available for the customer	Buyer standard
Firmed orders	Buyer confirmed orders within the firm zone.	Network calculated
Order received	Quantity received by the buyer based on orders, within each of the user-selected time bucket.	Network calculated
Goods received	Cumulated received quantity per period	Network calculated
Total shipment	Based on total receipts by the Buyer for each time bucket.	Network calculated

Commit to Given Forecast Quantities

From the Forecast details screen:

1. Review forecasted quantities and click **Send data**.
2. Confirmation notice will appear.
3. Suppliers can commit quantities using any time-series view: **Daily**, **Weekly**, **Monthly**, **Quarterly** and **Yearly**.
4. If a buyer sets a commit freeze horizon, suppliers see the freeze in effect in all time-series views.
5. When the supplier saves data using a different time series granularity than the previous one used, a popup warning appears.

The screenshot shows the 'Forecast details' interface for 'BP SCC Buyer - TEST' with part number 2937. The 'View by' dropdown is set to 'Daily' (callout 3). The 'Starting from' date is 10/15/2020. A 'Send Data' button is highlighted with callout 1. Below the chart, a table shows forecast data for dates 15 Oct 2020 and 16 Oct 2020, with callout 4 pointing to the dates. Two popups are shown: callout 2 points to a confirmation message 'Your data for the next 365 days has been sent to the customer.' and callout 5 points to a warning message 'You are saving commit in a time bucket that is different from the time bucket in which commit was saved last time. This might lead to overwriting of previously committed data. Do you want to proceed?'.

Key figures	15 Oct 2020	16 Oct 2020	17 Oct 2020	18 Oct 2020	19 Oct 2020	20 Oct 2020	21 Oct 2020	22 Oct 2020	23 Oct 2020	24 Oct 2020
Order forecast										
Cumulative forecast	0	0	0	0	0	0	0	0	0	0
Forecast commit										

Edit Forecast Quantities Before Committing

Stock on Hand Update

Supplier is able to edit and send a snapshot of their inventories divided per categories as aligned with the customer.

From the Forecast details screen:

1. Click **Stock on hand**.
2. Click **Edit** to update the quantities.
3. Once done, click **Save** or **Save and Send**. In the latter case updated quantities will be sent to the customer.
4. Stock quantities will be recalculated.

1 [Stock on hand: 36 \(EA\)](#) | [Part details](#)

Key figures	21 Nov 2019	22 Nov 2019	23 Nov 2019
Order forecast			3
Cumulative forecast	0	0	3
Forecast commit 			0
Cumulative forecast commit	0	0	0

Stock on hand 36 (EA)

Category	Buyer own	Supplier own
Unrestricted		1
Quality		2
Blocked		3
Special stock		
Stock in transit		4
Subcontracting		5
Consignment		
Unrestricted		6
Blocked		7
Quality		8

2 [Edit](#)

Stock on hand 36 (EA)

Category	Buyer own	Supplier own
Unrestricted		<input type="text" value="1"/>
Quality		<input type="text" value="2"/>
Blocked		<input type="text" value="3"/>
Special stock		
Stock in transit		<input type="text" value="4"/>
Subcontracting		<input type="text" value="5"/>
Consignment		
Unrestricted		<input type="text" value="6"/>
Blocked		<input type="text" value="7"/>
Quality		<input type="text" value="8"/>

3 [Cancel](#) [Save](#) [Save and Send](#)

4 [Stock on hand: 30 \(EA\)](#) | [Part details](#)

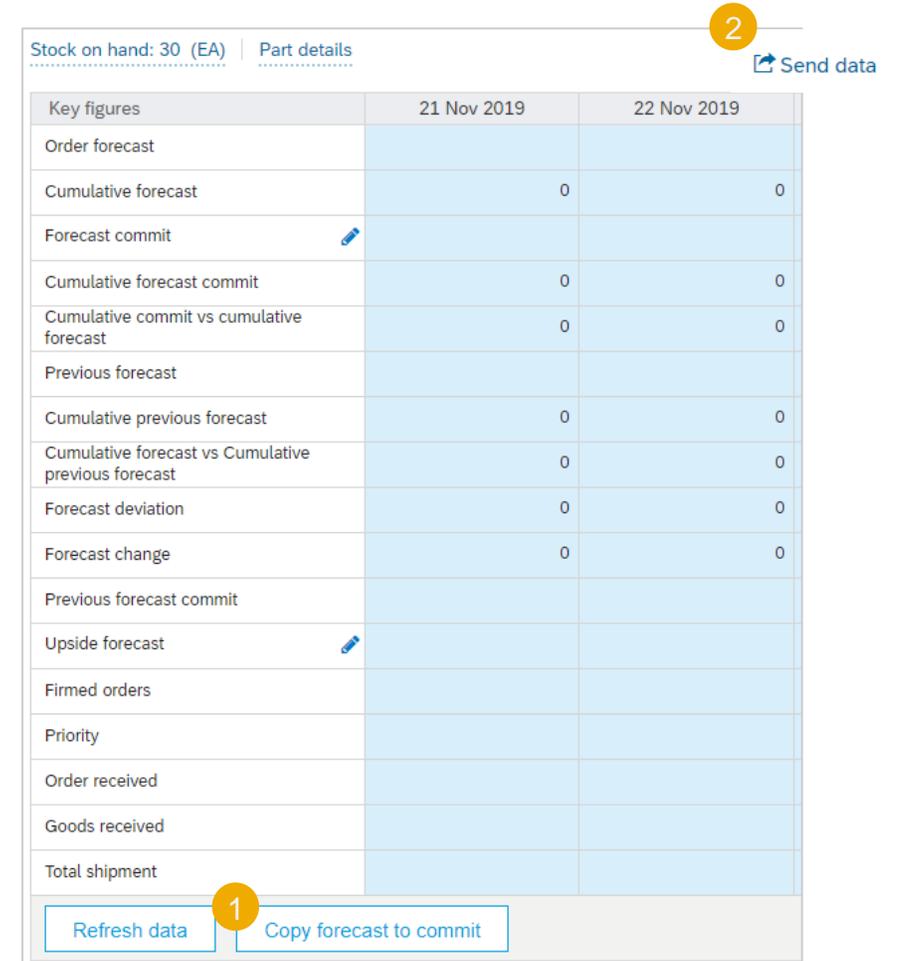
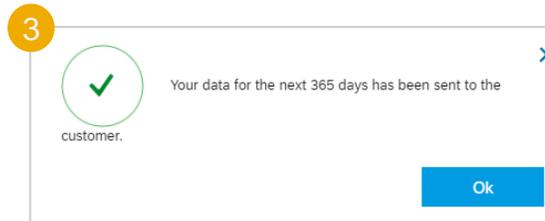
Edit Forecast Quantities Before Committing

Copy Forecast to Commit

Supplier is able to copy quantities from order forecast key figure to forecast commit key figure.

From the Forecast details screen:

1. Click **Copy forecast to commit**. Forecast quantities will get updated.
2. Click **Send data** on the right hand side of your screen.
3. Confirmation notice will appear.



The screenshot shows the "Forecast details" screen for a part with a stock on hand of 30 (EA). The table displays key figures for 21 Nov 2019 and 22 Nov 2019. A yellow circle with the number 2 is at the top right, pointing to the "Send data" link. A yellow circle with the number 1 is at the bottom, pointing to the "Copy forecast to commit" button.

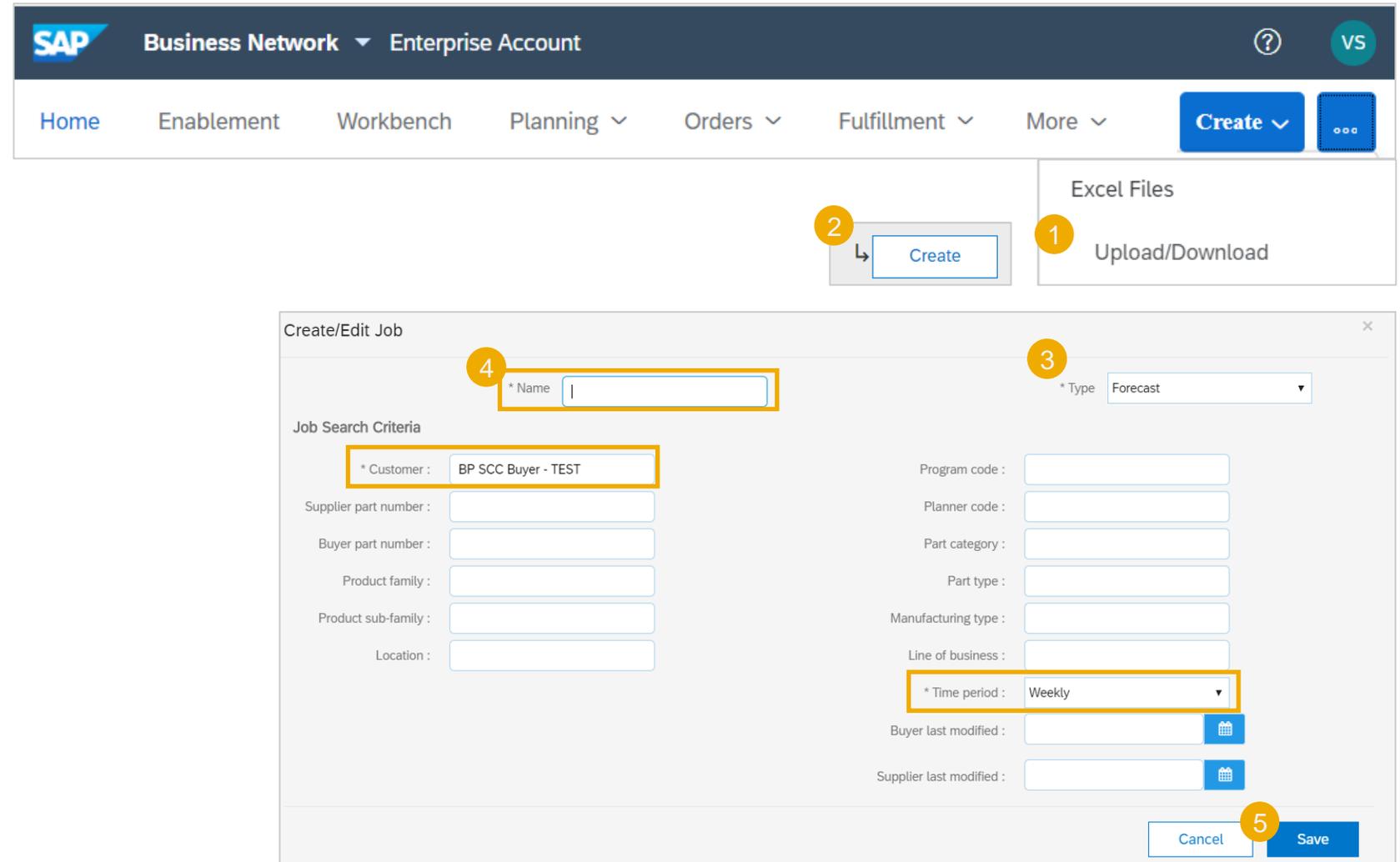
Key figures	21 Nov 2019	22 Nov 2019
Order forecast		
Cumulative forecast	0	0
Forecast commit		
Cumulative forecast commit	0	0
Cumulative commit vs cumulative forecast	0	0
Previous forecast		
Cumulative previous forecast	0	0
Cumulative forecast vs Cumulative previous forecast	0	0
Forecast deviation	0	0
Forecast change	0	0
Previous forecast commit		
Upside forecast		
Firmed orders		
Priority		
Order received		
Goods received		
Total shipment		

Excel Upload for Forecast Commit

Create a Job

From the Home page:

1. Click  button and select **Upload/Download** from the drop down.
2. In the Jobs sub-tab click **Create** in the bottom of the screen to create a new Job. New window will appear.
3. Set job type as **Forecast**.
4. Minimum required is to fulfill all mandatory fields:
 - Job name
 - Customer name
 - Time period
5. Click **Save**.



The screenshot displays the SAP Business Network interface. At the top, the navigation bar includes 'SAP Business Network' and 'Enterprise Account'. Below this, a menu contains 'Home', 'Enablement', 'Workbench', 'Planning', 'Orders', 'Fulfillment', and 'More'. A 'Create' button is visible in the top right. A dropdown menu is open, showing 'Excel Files' and 'Upload/Download' (callout 1). A 'Create' button is highlighted in the 'Upload/Download' section (callout 2).

The 'Create/Edit Job' form is shown below. It has a title bar with a close button. The form contains several fields and a dropdown menu. Callout 3 points to the '* Type' dropdown menu, which is set to 'Forecast'. Callout 4 points to the '* Name' text input field. Callout 5 points to the '* Customer' text input field, which contains 'BP SCC Buyer - TEST'. Other fields include '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'), 'Buyer last modified', and 'Supplier last modified'. At the bottom right, there are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted by callout 5.

Excel Upload for Forecast Commit

Download a Job

1. Select the job you created and click **Run**. You will be transferred to Downloads sub-tab.
2. Click **Refresh** status to update job status to Completed.
3. Download a job by clicking the icon.
4. Save Excel file on your computer. Update the qualities you desire within the file.

Note:

- If a buyer sets a commit freeze horizon, a **Forecast** job downloaded by a supplier from the **Upload/Download** tab applies the freeze to any time-series view the download uses: **Daily, Weekly, Monthly, Quarterly** and **Yearly**.
- When the buyer sets the preferred time series granularity to a value other than **All**, suppliers can edit and commit Excel files **only in the preferred time series granularity selected by the buyer**.

The screenshot displays the SAP Ariba Forecast interface. At the top, there are buttons for 'Create', 'Edit', 'Run' (marked with a '1'), and 'Clear Downloads'. Below this, the 'Downloads' tab is selected. A table lists a job named 'ForecastExcel' with a status of 'Completed'. A 'Refresh Status' button (marked with a '2') is visible below the table. To the right of the table, a 'File' icon (marked with a '3') is used for downloading. Below the table, the SAP Ariba logo and 'Ariba Supply Chain Collaboration - Forecast' header are shown. A detailed table follows with columns for Customer ANID, Customer Name, Customer part no., Supplier part no., Description, Plant ID, Location, Lead Time, Last updated, Line of business, Product family, and Product subfamily. The first row contains data for 'AN01055993515-T', 'BP SCC Buyer - TEST', '2918', 'BP TST 2918', '8540', 'Czech Rep 0', and '8 Oct 2018'. A '4' is marked above the SAP Ariba logo.

Job Name	Type	Last Run	Last Run By	Status	File
ForecastExcel	Forecast	20 Nov 2019 8:19:03 AM	Volha Smalianchuk	Completed	

Customer ANID	Customer Name	Customer part no.	Supplier part no.	Description	Plant ID	Location	Lead Time	Last updated	Line of business	Product family	Product subfamily
AN01055993515-T	BP SCC Buyer - TEST	2918		BP TST 2918	8540	Czech Rep 0		8 Oct 2018			

Excel Upload for Forecast Commit

Upload a Job

1. To upload updated Excel file go to **Uploads** sub-tab.
2. Click **Upload**. New window will appear.
3. Enter a job name and set the type as **Forecast**.
4. Browse the file from your computer.
5. Click **Upload**.
6. Status indicates whether upload was successful:
 - **Failed** – upload failed due to errors. Download Log file, fix the errors and reupload.
 - **Completed with errors** – the lines without errors were submitted. Download Log file, fix the lines with errors and reupload.
 - **Completed** – the file has been successfully submitted.

The screenshot illustrates the process of uploading an Excel file for a forecast commit. It shows the 'Uploads' sub-tab selected, the 'Upload' button, and the 'Upload File' dialog box where a job name and type (Forecast) are entered, and a file is chosen. The 'Upload' button is clicked, leading to the 'Uploads' table which displays the status of the upload. A row is highlighted in orange, showing a 'Failed' status with download links for the 'File' and 'Log' columns.

Name	Type	Last Uploaded	Last Uploaded By	Status	File	Log
				Failed	↓	↓
				Failed	↓	↓
				Completed With Errors	↓	↓
				Failed	↓	↓
				Completed	↓	↓

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.