



SAP Business Network for SCC

Forecast Collaboration
Supplier Training Guide



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

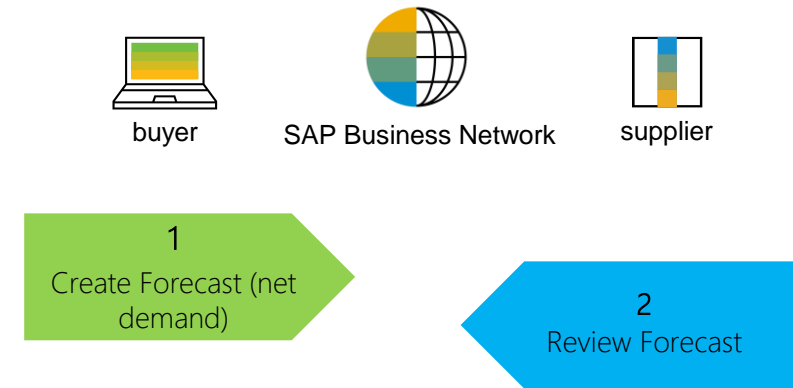
Introduction

- 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

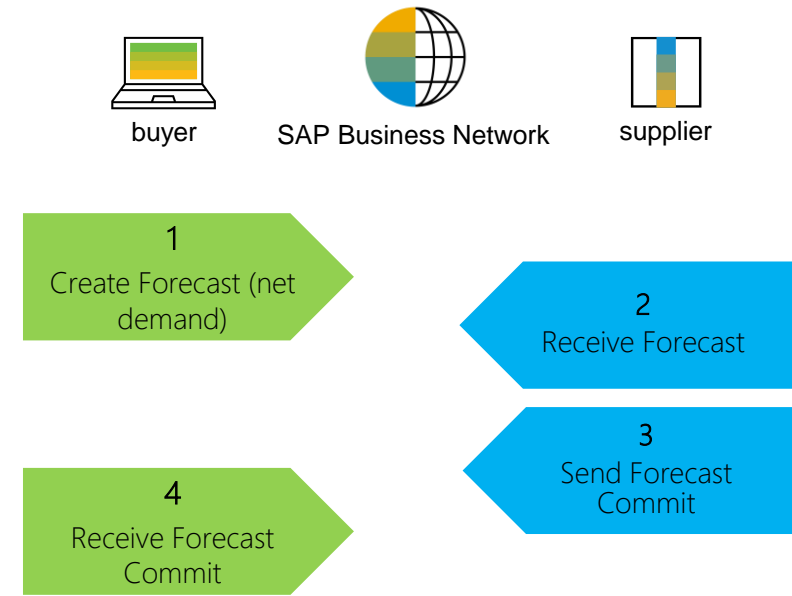
1. The buyer extracts net demand data after material requirements planning or forecast planning, and transmits this data to SAP Business Network.
2. The supplier logs on to SAP Business Network to view forecast demand data or download the forecast demand data to a Excel file.



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 SAP Business Network.
2. The supplier logs on to SAP Business 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

SAP Business Network 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

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 displays the SAP Business Network interface. At the top, the header shows 'SAP Business Network' and 'Enterprise Account'. Below the header, a navigation bar contains tabs: 'Home', 'Enablement', 'Workbench', 'Planning', 'Orders', and 'Fulfillment'. The 'Planning' tab is selected, and a dropdown menu is open, showing options: 'Forecast', 'Planning Collaboration', 'Capacity', and 'Sales Report'. The 'Forecast' option is highlighted. Below the navigation bar, a 'Search filters' section is visible, containing several input fields and a radio button group. The 'Customer *' field is filled with 'BP SCC Buyer - TEST'. The 'Part status' field has the 'Active' radio button selected. At the bottom right, there are 'Search' and 'Reset' buttons.

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

Search Reset

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.
Part Category	Part Category as aligned with the customer.
Customer View	Buyers are allowed to create views, referred to as custom views, for planning processes and set conditions for their display
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.
Part Status	Specifies if the part is active or inactive.

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 View details icon on the right hand side of the screen.

Filter 19 / 19 

Customer	Customer part no.	Supplier part no. ↑	Lead time	Part status	Last customer update	Stock		
						Stock on hand	Unit	
						Quantity		
SCC Delivery Team - Global H19 Client 400 - TEST	JD_FRCST		8	Active	29 Nov 2022 1:18:11 PM	100	H87	
SCC Delivery Team - Global H19 Client 400 - TEST	RCKTEST	SPN02	1	Active	19 Jan 2022 7:59:27 AM	110	EA	

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

View Forecast Data

Forecast Data

1. Supplier can view forecast details:

- current stock on hand
- part details shared by the customer
- forecasted quantities

2. Supplier can set the **View by** criteria and **Starting date** as desired.

3. Color coding eases the processing of data in the UI.

Forecast details - Forecast view

Buyer name: SCC Sandbox Global CoE Team - TES
Customer location: Plant 1 US
Part no.: BP002
Part description: Chain
T

View by: Daily Starting from: 12/08/2022 Jump to: Select a date to jump Starting from: 8 Dec 2022

> Chart

Stock on hand: 17 (PCE) Part details Last sent 18 Oct 2022 3:12:44 PM Send Data

Key figures	8 Dec 2022	9 Dec 2022	10 Dec 2022	11 Dec 2022	12 Dec 2022	13 Dec 2022	14 Dec 2022	15 Dec 2022
Order forecast				10	10			
Cumulative forecast	0	0	0	10	20	20	20	20
Forecast commit				10	10			
Cumulative forecast commit	0	0	0	10	20	20	20	20
Previous forecast				10	10			
Forecast deviation	0	0	0	0	0	0	0	0
Forecast change	0	0	0	0	0	0	0	0
Previous forecast commit				10	10			
Upside forecast								
Firmed orders								
Order received								
Total shipment								

Refresh data Copy Forecast to Commit Last customer updated 18 Oct 2022 7:33:09 AM

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.

Forecast details - Forecast view

Buyer name: SCC Sandbox Global CoE Team - TES
Customer location: Plant 1 US
Part no.: BP002
Part description: Chain

View by: Daily Starting from: 10/18/2022 Jump to: Select a date to jump Starting from: 18 Oct 2022

Chart

Stock on hand: 17 (PCE) Part details Last sent 13 Jul 2022 5:57:03 AM [Send Data](#)

Key figures	18 Oct 2022	19 Oct 2022	20 Oct 2022	21 Oct 2022	22 Oct 2022	23 Oct 2022
Order forecast					10	10
Cumulative forecast		0	0	0	10	20
Forecast commit						

2 Your data for the next 180 days has been sent to the customer. [Ok](#)

5 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? [Cancel](#) [OK](#)

Edit Forecast Quantities Before Committing

Stock on Hand Update

The 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:

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

1 [Stock on hand: 17 \(PCE\)](#) | [Part details](#)

Key figures	🔒 18 Oct 2022	🔒 19 Oct 2022	20 Oct 2022
Order forecast			
Cumulative forecast	0	0	0
Forecast commit			

2 **Stock on hand** 17 (PCE)

Category	Buyer own	Supplier own
Unrestricted		10
Quality		5
Blocked		2
Special stock		
Stock in transit		
Subcontracting		
Consignment		
Unrestricted		
Blocked		
Quality		

Edit

3 **Stock on hand** 17 (PCE)

Category	Buyer own	Supplier own
Unrestricted		<input type="text" value="10"/>
Quality		<input type="text" value="5"/>
Blocked		<input type="text" value="2"/>
Special stock		
Stock in transit		<input type="text"/>
Subcontracting		<input type="text"/>
Consignment		
Unrestricted		<input type="text"/>
Blocked		<input type="text"/>
Quality		<input type="text"/>

Save

4 [Stock on hand: 18 \(PCE\)](#) | [Part details](#)

Edit Forecast Quantities Before Committing

Forecast Quantities Update

The supplier is able to edit and send updated key figures quantities or copy forecast to commit.

From the Forecast details screen:

1. Click the pencil icon next to the key figure you desire to update.
2. Update the quantities as needed. Click **Save**.
3. Click **Refresh data** to update the quantities.
4. Click **Send Data** on the right hand side of your screen.
5. Confirmation notice will appear.

Stock on hand: 17 (PCE) | Part details

Key figures	18 Oct 2022	19 Oct 2022	20 Oct 2022	21 Oct 2022	22 Oct 2022
Order forecast				10	10
Cumulative forecast	0	0	0	10	20
Forecast commit				10	10

Forecast commit

			<input type="text" value="1"/>	<input type="text" value="10"/>	<input type="text" value="10"/>
--	--	--	--------------------------------	---------------------------------	---------------------------------


3 Refresh data Copy Forecast to Commit 2 Save Cancel

Stock on hand: 17 (PCE) | Part details

Key figures	18 Oct 2022	19 Oct 2022	20 Oct 2022	21 Oct 2022	22 Oct 2022
Order forecast				10	10
Cumulative forecast	0	0	0	10	20
Forecast commit				1	10
Cumulative forecast commit	0	0	1	11	21

4 Send Data

5

 Your data for the next 180 days has been sent to the customer.

Ok

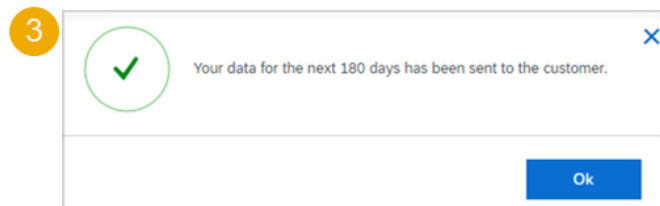
Edit Forecast Quantities Before Committing

Copy Forecast to Commit

The 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.



Stock on hand: 17 (PCE) | [Part details](#) 2 [Send Data](#)


Key figures	🔒 18 Oct 2022	🔒 19 Oct 2022	20 Oct 2022	21 Oct 2022	22 Oct 2022
Order forecast				10	10
Cumulative forecast	0	0	0	10	20
Forecast commit			1	10	10
Cumulative forecast commit	0	0	1	11	21
Previous forecast				10	10
Forecast deviation	0	0	1	0	0
Forecast change	0	0	0	0	0
Previous forecast commit				10	10
Upside forecast					
Firmed orders					
Order received					
Total shipment					

1 [Refresh data](#) [Copy Forecast to Commit](#)

Excel Upload for Forecast Commit

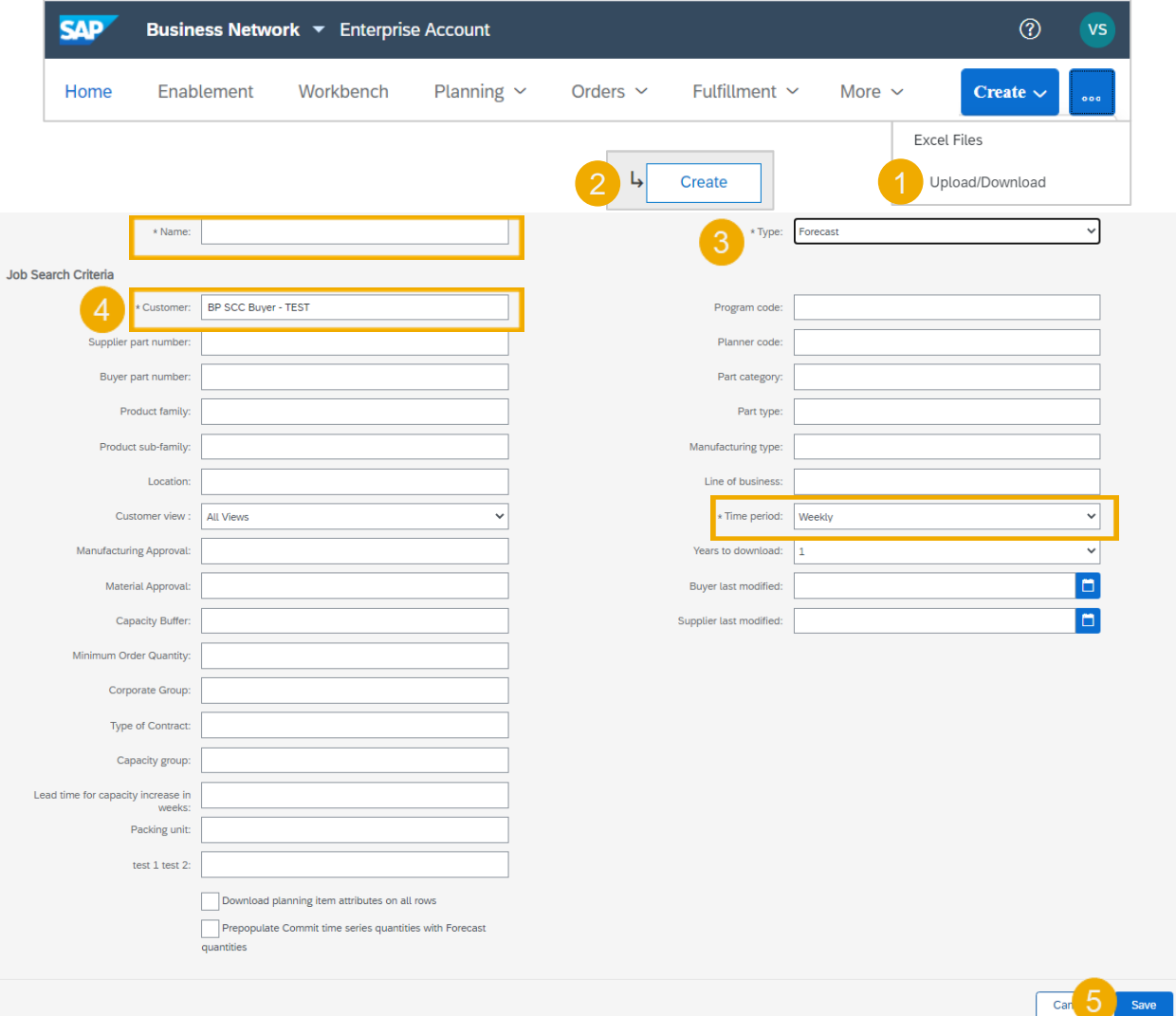
Create a Job

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. A 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**.

Note:

- When you check the box **Prepopulate Commit time series quantities with Forecast quantities** and download the Forecast job, the Order forecast quantities are automatically copied to the Forecast commit in the downloaded Forecast Excel file.



The screenshot shows the SAP Business Network interface for creating a job. The top navigation bar includes 'Home', 'Enablement', 'Workbench', 'Planning', 'Orders', 'Fulfillment', and 'More'. A 'Create' button is visible in the top right. Below the navigation bar, there are two main sections: 'Job Search Criteria' on the left and 'Job Details' on the right. The 'Job Search Criteria' section includes fields for Name, Customer (BP SCC Buyer - TEST), Supplier part number, Buyer part number, Product family, Product sub-family, Location, Customer view (All Views), Manufacturing Approval, Material Approval, Capacity Buffer, Minimum Order Quantity, Corporate Group, Type of Contract, Capacity group, Lead time for capacity increase in weeks, Packing unit, and test 1 test 2. The 'Job Details' section includes fields for Type (Forecast), Program code, Planner code, Part category, Part type, Manufacturing type, Line of business, Time period (Weekly), Years to download (1), Buyer last modified, and Supplier last modified. At the bottom right, there are 'Cancel' and 'Save' buttons. The form is annotated with numbered callouts (1-5) indicating the steps for creating a job.

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 quantities 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**.

ForecastExcel Forecast

Create Edit **1** Run Clear Downloads

Jobs Downloads Uploads

Search Filters

Downloads

Job Name	Type	Last Run ↓	Last Run By	Status	File
ForecastExcel	Forecast	20 Nov 2019 8:19:03 AM	Volha Smalianchuk	Completed	3

2 Refresh Status

4

SAP Ariba

Ariba Supply Chain Collaboration - Forecast

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
AN0100000000	BP SCC Buyer - TEST	2918		BP TST 2918	8540	Czech Rep 0		1 May 202:			

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 the 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 commitment scenario. It shows the 'Uploads' sub-tab, an 'Upload' button, and an 'Upload File' dialog box. The dialog box has a 'Name' field, a 'Type' dropdown menu set to 'Forecast', a 'Choose file' button, and an 'Upload' button. Below the dialog box is a table of uploads with columns for Name, Type, Last Uploaded, Last Uploaded By, Status, File, and Log. The Status column is highlighted with a yellow box, and the File and Log columns are also highlighted with yellow boxes.

Name	Type	Last Uploaded	Last Uploaded By	Status	File	Log
ZFOR EDIT TST1	Forecast	11 Oct 2022 3:18:26 AM	Supplierescu	Failed	↓	↓
ZFOR_UPL_4-220331	Forecast	31 Mar 2022 2:15:37 AM	Supplierescu	Completed	↓	↓
ZFOR_UPL_3-220331	Forecast	31 Mar 2022 1:49:11 AM	Supplierescu	Completed With Errors	↓	↓
ZFOR_UPL_2-220331	Forecast	31 Mar 2022 1:47:31 AM	Supplierescu	Completed	↓	↓

Thank you.

Contact information:

