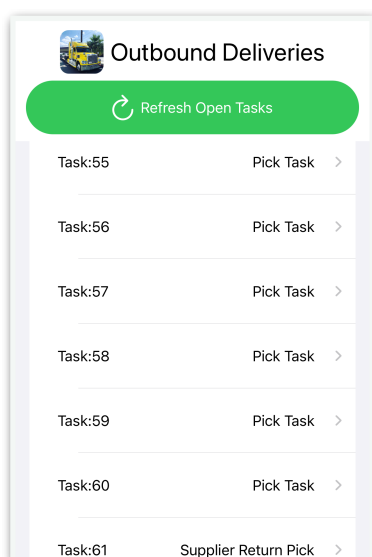


Outbound Deliveries iOS App for SAP Business ByDesign®

The Outbound Deliveries iOS App for SAP Business ByDesign® has been designed to enhance your warehouse's outbound delivery process by enabling confirmations of deliveries directly from your mobile device. It is available on the App Store at <https://apps.apple.com/us/app/outbound-delivery/id1551235355>



Before confirming outbound deliveries it is recommended that you resynchronise the app with your SAP Business ByDesign system by pressing the 'Refresh Outbound Tasks'. This will then download all the new and in process outbound deliveries, for the site you have configured in the application settings, allowing you to confirm deliveries whether or not you are in range of your network.

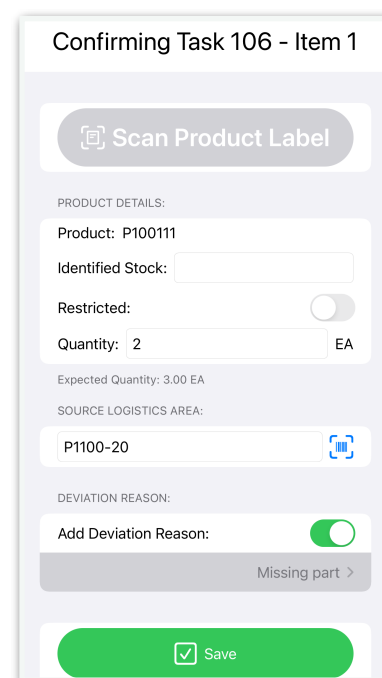
You can then select the outbound task to confirm and then choose which item from the order you are confirming.

Once in the item confirmation screen, you can then confirm the quantity received, whether it is restricted stock, the target logistics area you will be picking the stock to (if you are using two step pick/load) and a deviation reason if the delivery

is complete but not all the requested quantity is available.

As you confirm each delivery item, the information is automatically uploaded to your SAP Business ByDesign system in the background, but if for any reason you are offline then the confirmation details are stored within the app until the next time you are online at which point you can upload the data to your system.

The iOS app directly connects to your SAP Business ByDesign system so any data stored offline is local to your mobile device and not stored on any third party systems.



App Settings

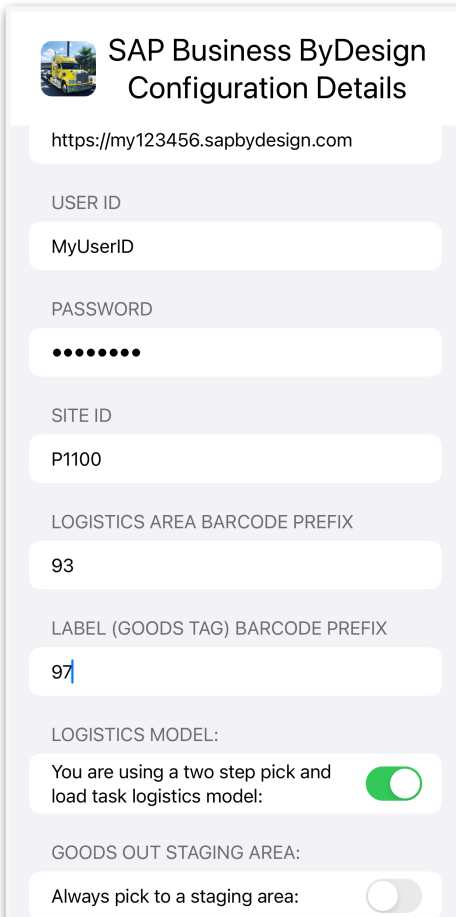
When you first use the Outbound Delivery iOS App you will be required to enter the details for your SAP Business ByDesign system. Please see the later section “SAP® Business ByDesign Configuration” for information on what needs to be completed in order to set your system up for use with the app.

The app will allow you to process deliveries by site so please enter the site ID that you will be confirming deliveries for.

If you are scanning the logistics areas you are picking from, or scanning product barcode labels, then there is the option to include the barcode prefixes that may be used — please speak with your system administrator about this if you are not sure what prefix to enter.

If you are using a two step logistics model, please select this option; again if you are not sure please speak with your system administrator or key user.

If you are also using a shipping staging area and will always pick items to this area then you have the option to enable this in the application settings. If you enable the toggle for the ‘Always pick to a staging area’ option, you can then enter the logistics area that you will always pick to. When confirming pick tasks you do have the option to override this if needed.



SAP Business ByDesign Configuration Details

https://my123456.sapbydesign.com

USER ID
MyUserID

PASSWORD
••••••

SITE ID
P1100

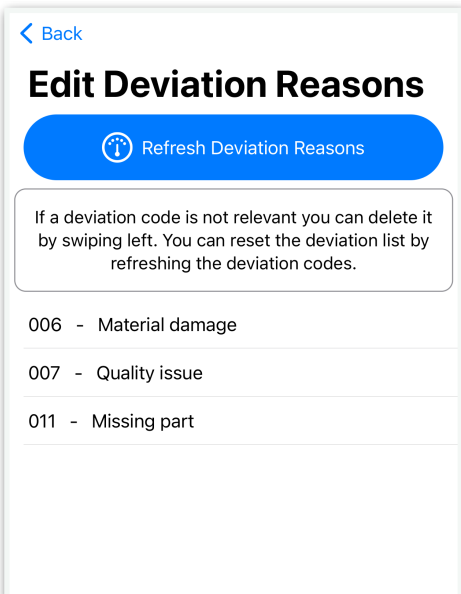
LOGISTICS AREA BARCODE PREFIX
93

LABEL (GOODS TAG) BARCODE PREFIX
97

LOGISTICS MODEL:
You are using a two step pick and load task logistics model:


GOODS OUT STAGING AREA:
Always pick to a staging area:

Once you have entered all the required information please press the ‘Save Settings’ button to go back to the main app screen with the list of open outbound tasks.



< Back

Edit Deviation Reasons

 Refresh Deviation Reasons

If a deviation code is not relevant you can delete it by swiping left. You can reset the deviation list by refreshing the deviation codes.

- 006 - Material damage
- 007 - Quality issue
- 011 - Missing part

Deviation Reasons

Deviation reasons are used when confirming a partial delivery and the delivery is complete and you will not be picking any further items for it. Prior to using the app for the first time you need to synchronise the available deviation reasons with your system.


Due to the nature of the available web services in SAP Business ByDesign the app will download all available deviation codes even if they are not relevant for outbound deliveries, so you will need to remove the deviation reasons that are not relevant by swiping left to delete them.

You can check which reasons are valid by matching the options in the SAP Business ByDesign task confirmation screen.


Confirmation Errors


Occasionally errors can occur which prevent the outbound delivery task confirmations from saving to your SAP Business ByDesign system. This could happen, for example, if the password has changed.

If this occurs you will see a button appear on the main task list view which will allow you to review these errors and either resubmit the task confirmation to your SAP Business ByDesign system or delete it if you have confirmed it manually already.



Outbound Deliveries


View Confirmation Errors


Refresh Open Tasks

Task:57	Pick Task >
Task:58	Pick Task >
Task:59	Pick Task >
Task:60	Pick Task >
Task:61	Supplier Return Pick >

SAP Business ByDesign Configuration

In order for the app to work with your SAP Business ByDesign system you will need to create a new communication arrangement.

You can view the official Communication Arrangements Quick Guide at: https://help.sap.com/docs/SAP_BUSINESS_BYDESIGN/7c182c462ec043cba338a30b952068c7/2dd4cb73722d1014938ec0c0927d57ed.html?locale=en-US




Please ensure you set the user authentication method to be username and password.

The web services, or APIs, required for the Outbound Delivery app are:

- Query Site Logistics Tasks
- Manage Site Logistics Tasks
- Query Code Lists
- Read Goods Tags
- Query Identified Stocks
- Query Materials

To create the communications arrangement, please follow these steps:

1. Go to Application and User Management - Communication Systems
2. Create a new communication system:
 - 2.1.ID: OBDAPP
 - 2.2.Host Name: OBDAPP
 - 2.3.System Access Type: Internet
 - 2.4.Add a System Instance with ID: OBDAPP and Preferred Application Protocol: 5 - Web Service
 - 2.5.Click Save and then activate it (Actions button)
 - 2.6.Finally click Save and Close

Basic Information		Internal Comment
ID: *	<input type="text" value="OBDAPP"/>	
SAP Business Suite:	<input type="checkbox"/>	
Host Name:	<input type="text" value="OBDAPP"/> 	
System Access Type: *	<input type="text" value="Internet"/> 	
Technical Contact		
First Name:	<input type="text"/>	
Last Name:	<input type="text"/>	
Email:	<input type="text"/>	
Phone:	<input type="text"/>	
Fax:	<input type="text"/>	
System Instances		
<input type="button" value="Add Row"/> <input type="button" value="Remove"/>		
System Instance ID	Preferred Application Protocol	
 OBDAPP	5 - Web Service	

3. Now go to Application and User Management - Communication Scenarios
4. Create a new communications scenario:
 - 4.1. Communication Scenario Name: OBDAPP
 - 4.2. Add the following operations (there are the Service Descriptions):
 - 4.2.1. Query Site Logistics Task
 - 4.2.2. Manage Site Logistics Task
 - 4.2.3. Query Code Lists
 - 4.2.4. Read Goods Tag
 - 4.2.5. Query Identified Stocks
 - 4.2.6. Query Materials
 - 4.3. Click Save and Close to finish

The screenshot shows the 'Communication Scenario: OBDAPP' configuration page. At the top, there are buttons for 'Save and Close', 'Save', 'Close', and 'New Configuration'. Below this, the 'Communication Scenario Name' is set to 'OBDAPP'. Under 'Assigned Operations', there are 'Remove' and 'Add Operations' buttons. A table lists five assigned operations with their release status (all green), operation descriptions, service descriptions, and service names.

Release Status	Operation Description	Service Description	Service Name
<input type="checkbox"/>	Maintain site logistics tasks	Manage Site Logistics Tasks	ManageSiteLogisticsTaskIn
<input type="checkbox"/>	Find code lists	Query Code Lists	QueryCodeListIn
<input type="checkbox"/>	Find identified stocks	Query Identified Stocks	QueryIdentifiedStocksIn
<input type="checkbox"/>	Find materials	Query Materials	QueryMaterialIn
<input type="checkbox"/>	Find site logistics tasks	Query Site Logistics Tasks	QuerySiteLogisticsTaskIn

5. Go to Application and User Management - Communication Arrangements
6. Click New to create a new communication arrangement:
 - 6.1. Communication scenario = OBDAPP

The screenshot shows the 'New Communication Arrangement' wizard. It features a progress bar with five steps: 1. Select Scenario (active), 2. Define Business Data, 3. Define Technical Data, 4. Review, and 5. Confirmation. Below the progress bar are navigation buttons: '< Previous', 'Next >', 'Finish ?' (disabled), 'Close', 'Preview', 'Check Completeness ?' (disabled), and 'Save as Draft ?' (disabled). The 'Communication Scenarios' table below shows 'OBDAPP' selected as the communication scenario, with a communication type of 'Application Integration'.

Communication Scenario	Communication Type
OBDAPP	Application Integration

6.2. Click Next

6.3. System Instance ID = OBDAPP

1 Select Scenario | **2 Define Business Data** | 3 Define Technical Data | 4 Review | 5 Confirmation

< Previous | Next > | Finish ? | Close | Preview | Check Completeness ? | Save as Draft ?

Communication System: My Communication D...

System Instance ID: * My System:

Communication System: OBDAPP

6.4. Click Next

6.5. Authentication Method = User ID and Password

6.6. Click Edit Credentials to set the password

6.7. Click Next

6.8. Click Finish

SAP Business ByDesign | New Communication Arrangement: OBDAPP

1 Select Scenario | 2 Define Business Data | **3 Define Technical Data** | 4 Review | 5 Confirmation

< Previous | Next > | Finish ? | Close | Preview | Edit Advanced Settings | Check Completeness

Communication Method:

Inbound Communication: Basic Settings | Outbound Communication: No Outbound Communication

Inbound Communication Enabled:

Application Protocol: *

Authentication Method: *

User ID: *

Services Used

Query Materials	Uses Basic Settings	Enabled
Querv Site Logistics Tasks	Uses Basic Settings	Enabled

Now use the user ID _OBDAPP and the password you entered in step 6.6 in the app settings!

Please note that you need to ensure that *Automatic Identification* is scoped into your system, please see <https://apps.support.sap.com/sap/support/knowledge/en/0002919205> for more information.