

# Oracle Warehouse Management Cloud

---

## **Mobile App Guide**

**Release 24D**



Oracle Warehouse Management Cloud  
Mobile App Guide

Release 24D

G12354-01

*Copyright* © 2024, Oracle and/or its affiliates.

Author: Oracle WMS Cloud Product Team

# Contents

|                                                                |           |
|----------------------------------------------------------------|-----------|
| <b>Get Help</b>                                                | <b>i</b>  |
| <b>2 Overview – Mobile App via Progressive Web Application</b> | <b>3</b>  |
| Overview - Mobile App via Progressive Web Application          | 3         |
| <b>3 Installing Progressive Web Application</b>                | <b>5</b>  |
| Installing Progressive Web Application                         | 5         |
| <b>4 Configuring Screens for Mobile App</b>                    | <b>9</b>  |
| Configuring Screens for Mobile App                             | 9         |
| <b>5 Module Tour in Mobile App</b>                             | <b>13</b> |
| Module Tour in Mobile App                                      | 13        |
| Create LPN                                                     | 14        |
| Item Inquiry                                                   | 16        |
| LPN Inquiry                                                    | 17        |
| Lock and Unlock LPNs                                           | 18        |
| Receiving                                                      | 20        |
| Putaway                                                        | 31        |
| Cycle Count                                                    | 38        |
| Ship OBLPN                                                     | 42        |
| Order Picking                                                  | 43        |



# Get Help

There are a number of ways to learn more about your product and interact with Oracle and other users.

## Get Help in the Applications

Access the online help from the user drop-down menu in the Warehouse Management application.

## Get Support

You can get support at [My Oracle Support](#). For accessible support, visit [Oracle Accessibility Learning and Support](#).

## Get Training

Increase your knowledge of Oracle Cloud by taking courses at [Oracle University](#).

## Join Our Community

Use [Cloud Customer Connect](#) to get information from industry experts at Oracle and in the partner community. You can join forums to connect with other customers, post questions, and watch events.

## Learn About Accessibility

For information about Oracle's commitment to accessibility, visit the [Oracle Accessibility Program](#). (if videos) Videos included in this guide are provided as a media alternative for text-based topics also available in this guide.

## Share Your Feedback

We welcome your feedback about Oracle Warehouse Management. If you need clarification, or find an error, you can direct your questions via a service request to [My Oracle Support](#).



## 2 Overview – Mobile App via Progressive Web Application

### Overview – Mobile App via Progressive Web Application

A Progressive Web Application (PWA) is a website that can be downloaded as a native application on your Desktop, Android, or iOS mobile devices. You can use the PWA as a regular web page and enjoy extensive flexibility with modern touch of mobile experiences.

The PWA can be downloaded and installed using a simple URL address or by scanning the QR code and you can relish the benefit from more frequent updates. An installed PWA appears alongside your other apps for convenient access.



# 3 Installing Progressive Web Application

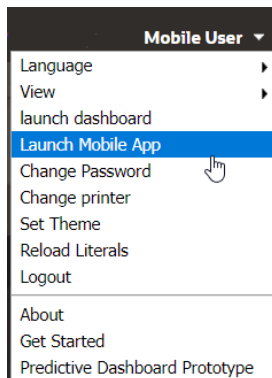
## Installing Progressive Web Application

The Progressive Web Application (PWA) link is available in each Oracle WMS Cloud environment. To download and install PWA to your Desktop or to your Android and/or iOS phone, do the following:

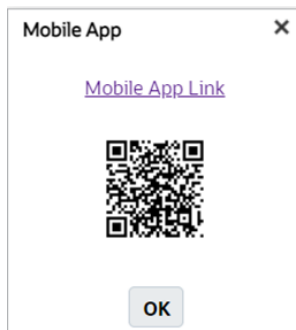
**Note:** You cannot switch environments from within the PWA app as the URL for each environment is different. You will need to install a separate instance of PWA for each environment that you have. This will allow you to have a separate home screen icon for each of your environments, so that you can distinguish each environment. With quarterly release updates, your installed PWA apps or PWA link will continue to work (since customer environment URLs stay the same across releases), and the new version will update automatically.

### PWA on a Desktop

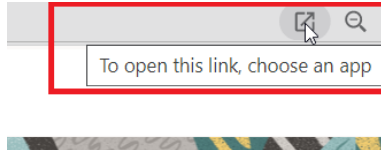
1. Launch the Oracle WMS Cloud environment.
2. Go to global settings dropdown on the top-right pane of the application. Click **Launch Mobile App** option.



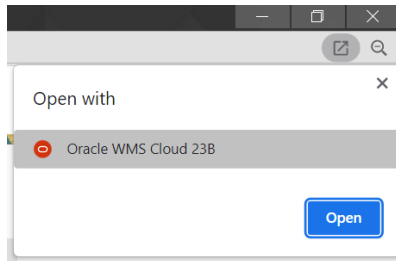
3. The system opens a Mobile App window consisting of “Mobile App Link” hyperlink or QR code for you to install on desktop or phone respectively.



4. Click the “Mobile App Link” hyperlink to download PWA on the desktop. The link opens the PWA app on desktop browsers.
5. Click the To open icon on the browser tool bar.



6. The app displays a window prompting to choose the application. Click **Open**.



7. The application automatically installs latest version of Oracle WMS Cloud on the desktop browsers like Chrome and Edge.

## PWA on an Android and iOS Phone

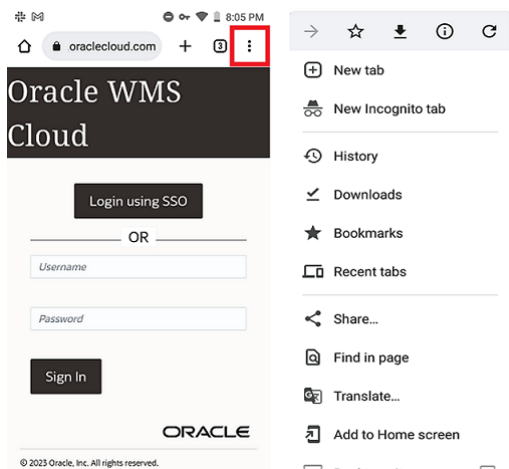
### Android

You can install the PWA on an Android using the web browser or scan the QR code from your phone scanner.

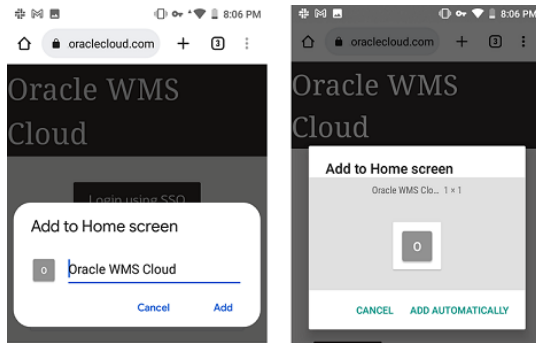
1. The **Sign In** for Oracle WMS Cloud page opens.
2. Enter a valid credentials and click **Sign In**.

You can view the list of modules in the home page.

3. At the bottom of the screen, the **Add Oracle WMS Cloud to Home** option is displayed. You can either click the button to install or as shown in the figure below, go to the kebab menu icon > click **Add to Home screen** to download.



4. The **Add to Home screen** window opens prompting you to install the app on your phone. Click the **Add** icon to install the PWA.

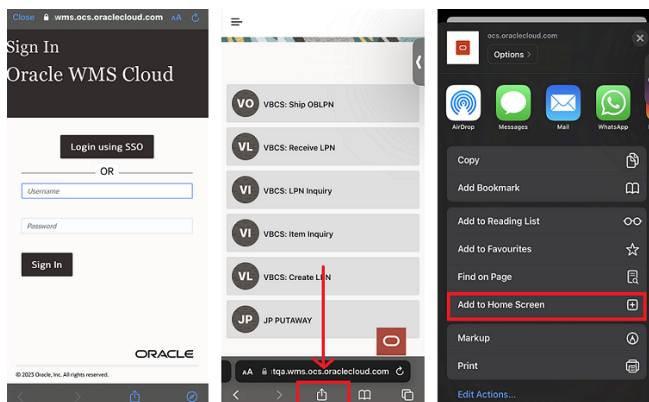


5. The system automatically installs the app on your phone.

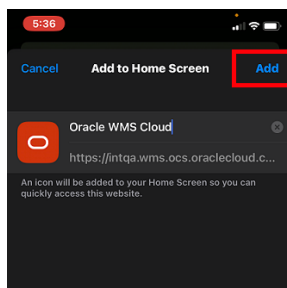
iOS

You can install the PWA on iOS using the Safari web browser or scan the QR code from your iPhone scanner.

1. The **Sign In** for Oracle WMS Cloud page opens.
  2. Enter a valid credentials and click **Sign In**.
- You can view the list of modules in the home page.
3. Click the **Upload** icon to install the PWA on your iPhone.



4. Click **Add to Home Screen** from the options. The Add to Home Screen is displayed.
5. Click **Add** on the top right pane.



The application automatically installs the application on your device.

6. Click **Cancel** to abort or suspend the installation.



# 4 Configuring Screens for Mobile App

## Configuring Screens for Mobile App

Before using the Mobile Application, you need to configure the Menu Configuration for specific screens supported for the Mobile Application.

To setup Menu Configuration, do the following:

1. From the **Menu Configuration** UI, click the "+" icon button at the top right of the Menu UI screen.
2. Enter the Name and select the Screen Type = "**VBCS-Mobile**" for the Mobile Application.

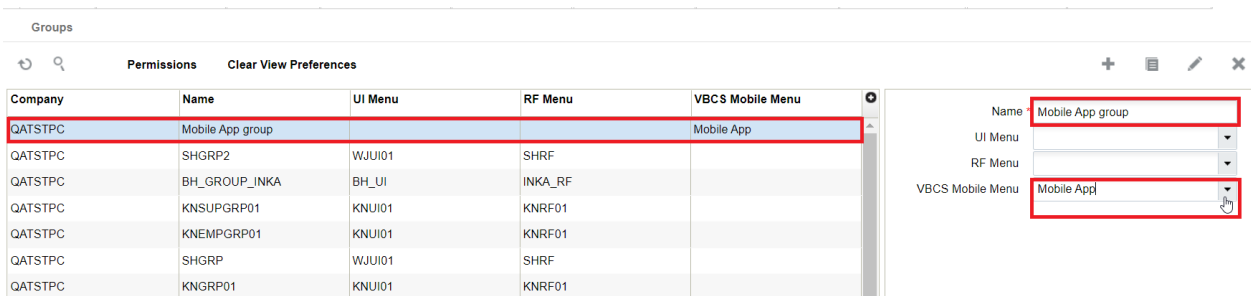


| Name    | Screen Type |
|---------|-------------|
| SK VBCS | VBCS-Mobile |
| INKA_RF | RF-Test     |
| SHUI    | UI-HTML     |
| SHRF    | RF-Test     |
| BN UI1  | UI-HTML     |

Name: Mobile App

Screen Type: VBCS-Mobile

3. To assign the Menu to the group, go to the **Group Configuration** UI > click the **VBCS Mobile Menu** > add the Menu (here, **Mobile App**) to the existing or a new group.



| Company | Name             | UI Menu | RF Menu | VBCS Mobile Menu |
|---------|------------------|---------|---------|------------------|
| QATSTPC | Mobile App group |         |         | Mobile App       |
| QATSTPC | SHGRP2           | WJUI01  | SHRF    |                  |
| QATSTPC | BH_GROUP_INKA    | BH_UI   | INKA_RF |                  |
| QATSTPC | KNSUPGRP01       | KNUI01  | KNRF01  |                  |
| QATSTPC | KNEMPGRP01       | KNUI01  | KNRF01  |                  |
| QATSTPC | SHGRP            | WJUI01  | SHRF    |                  |
| QATSTPC | KNGRP01          | KNUI01  | KNRF01  |                  |

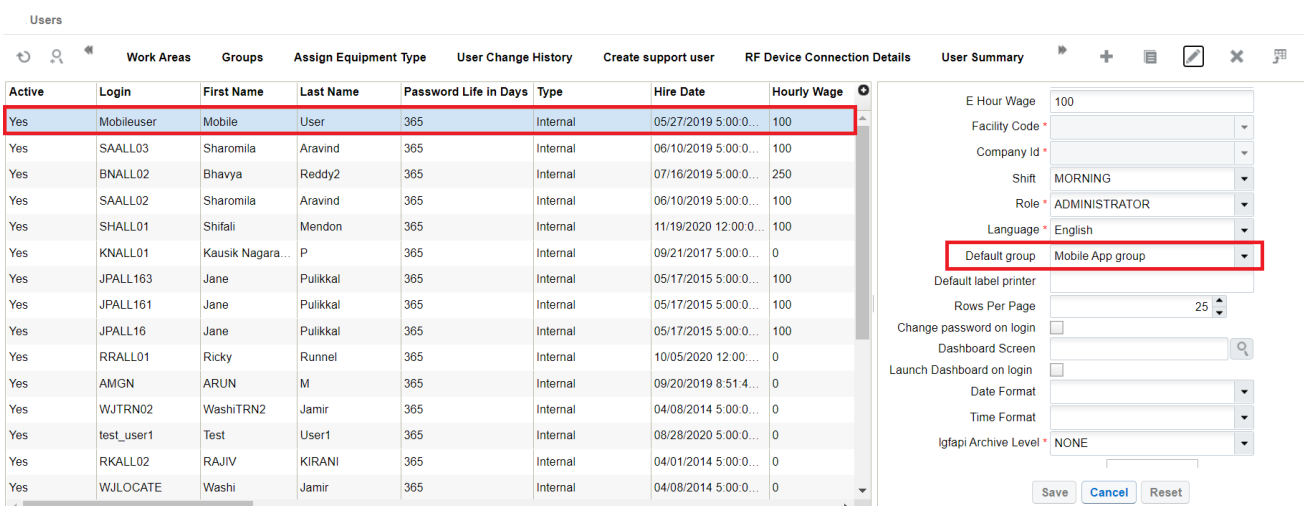
Name: Mobile App group

UI Menu: [Dropdown]

RF Menu: [Dropdown]

VBCS Mobile Menu: Mobile App

4. Create a user with your preferred group name (for example, Mobile App) or you can also update an existing user with the group. Assign the default group to the **VBCS-Mobile** (here, Mobile App) menu you created.



| Active | Login      | First Name       | Last Name | Password Life in Days | Type     | Hire Date              | Hourly Wage |
|--------|------------|------------------|-----------|-----------------------|----------|------------------------|-------------|
| Yes    | Mobileuser | Mobile           | User      | 365                   | Internal | 05/27/2019 5:00:00...  | 100         |
| Yes    | SAALL03    | Sharomila        | Aravind   | 365                   | Internal | 06/10/2019 5:00:00...  | 100         |
| Yes    | BNALL02    | Bhavya           | Reddy2    | 365                   | Internal | 07/16/2019 5:00:00...  | 250         |
| Yes    | SAALL02    | Sharomila        | Aravind   | 365                   | Internal | 06/10/2019 5:00:00...  | 100         |
| Yes    | SHALL01    | Shifali          | Mendon    | 365                   | Internal | 11/19/2020 12:00:00... | 100         |
| Yes    | KNALL01    | Kausik Nagara... | P         | 365                   | Internal | 09/21/2017 5:00:00...  | 0           |
| Yes    | JPALL163   | Jane             | Pulikkal  | 365                   | Internal | 05/17/2015 5:00:00...  | 100         |
| Yes    | JPALL161   | Jane             | Pulikkal  | 365                   | Internal | 05/17/2015 5:00:00...  | 100         |
| Yes    | JPALL16    | Jane             | Pulikkal  | 365                   | Internal | 05/17/2015 5:00:00...  | 100         |
| Yes    | RRALL01    | Ricky            | Runnel    | 365                   | Internal | 10/05/2020 12:00:00... | 0           |
| Yes    | AMGN       | ARUN             | M         | 365                   | Internal | 09/20/2019 8:51:4...   | 0           |
| Yes    | WJTRN02    | WashiTRN2        | Jamir     | 365                   | Internal | 04/08/2014 5:00:00...  | 0           |
| Yes    | test_user1 | Test             | User1     | 365                   | Internal | 08/28/2020 5:00:00...  | 0           |
| Yes    | RKALL02    | RAJIV            | KIRANI    | 365                   | Internal | 04/01/2014 5:00:00...  | 0           |
| Yes    | WULOCATE   | Washi            | Jamir     | 365                   | Internal | 04/08/2014 5:00:00...  | 0           |

E Hour Wage: 100

Facility Code: [Dropdown]

Company Id: [Dropdown]

Shift: MORNING

Role: ADMINISTRATOR

Language: English

Default group: Mobile App group

Default label printer: [Dropdown]

Rows Per Page: 25

Change password on login: [Checkbox]

Dashboard Screen: [Dropdown]

Launch Dashboard on login: [Checkbox]

Date Format: [Dropdown]

Time Format: [Dropdown]

Igflapi Archive Level: NONE

Save Cancel Reset

5. You can add module screens to the menu through one of the following ways:

- a. From the **Menu Configuration** UI > select the menu that you created and click the detail icon button.
- b. The menu\_dtl screen opens. Click the **Insert Screen** button.

Menu Config ▶ menu\_dtl

Mobile App

- LPN Inquiry
- Create IBLPN
- Item Inquiry

Name \* Mobile App

Screen \*

Insert Menu **Insert Screen** Delete Node

Save Cancel

- c. The screen drop-down is enabled for you to add the screens to your menu. Enter the screen name and click **Save** button.

Menu Config ▶ menu\_dtl

Mobile App

- LPN Inquiry
- Create IBLPN
- Item Inquiry
- Lock Unlock LPNs

Name \*

Screen \* Lock Unlock LPNs

Insert Menu Insert Screen Delete Node

Save Cancel

- d. Alternatively, you can also go to the Modules UI and search using the **Screen Type** = **VBCS-Mobile**. The UI will display all the available modules for that screen type.

Modules

Parameters Screens Add to Current Group Menu

Products

Module Name

Description

Screen Type: VBCS-Mobile

Search Cancel Clear

| Products | Module Name   | Description      | Screen Type |
|----------|---------------|------------------|-------------|
| items    | CreateLPN     | Create LPN       | VBCS-Mobile |
| items    | ItemInquiry   | Item Inquiry     | VBCS-Mobile |
| items    | LPNInquiry    | LPN Inquiry      | VBCS-Mobile |
| items    | LockUnlockLPN | Lock Unlock LPNs | VBCS-Mobile |
| items    | OrderPicking  | Order Picking    | VBCS-Mobile |
| items    | ReceiveLPN    | Receive LPN      | VBCS-Mobile |
| items    | ShipOBLPN     | Ship OBLPN       | VBCS-Mobile |

- e. Select a Module (Example: **Ship OBLPN**) and click "**Screens**" button. Then, click the "+" icon to create a new screen for the module.

OK Modules Screens

Screen Parameters Add to Current Group Menu

Module

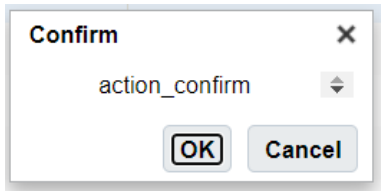
Screen Name

Nbr of Parameters

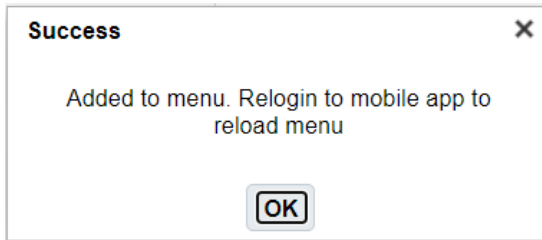
Save Cancel Save/Reset Reset

| Module                  | Screen Name              | Nbr of Parameters |
|-------------------------|--------------------------|-------------------|
| VBCS-Mobile: Ship OBLPN | Ship OBLPN               | 0                 |
| VBCS-Mobile: Ship OBLPN | Mobile Ship Outbound LPN | 0                 |
| VBCS-Mobile: Ship OBLPN | Ship OBLPN               | 0                 |

- f. Click "**Add to Current Group Menu**" to add the created screen to group menu.
- g. Click **OK** to confirm the action.



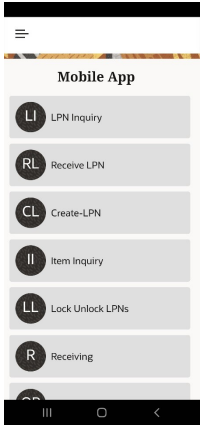
- h. After adding the screen successfully, the system displays the following pop-up window. Click **OK**.



# 5 Module Tour in Mobile App

## Module Tour in Mobile App

After successful login, the mobile application will display list of screens added to the user's default group.



The application displays the screens you added:

For example,

- Create IBLPN
- Item Inquiry
- LPN Inquiry
- Lock and Unlock LPNs
- Receiving
- Putaway
- Cycle Count
- Order Picking
- Ship OBLPN

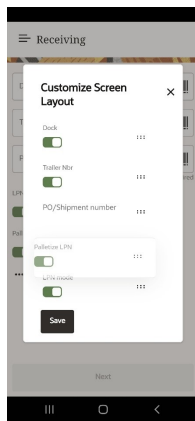
**Note:**

- To change the facility and company, tap the hamburger icon on the top left pane icon and choose from the eligible list displayed under the drop-down.
- Select a screen and provide the required details to proceed further (Example:CreateLPN).
- You can also scan the barcode with the camera or type the LPN number. Similar steps for Location, Item etc.

**Customize the Layout Screen** You can customize the layout of the fields using the gearbox (...) available on the screen. For example,

1. From any screen > tap the gearbox (...). The **Customized Screen Layout** opens.
2. You can enable the fields that you want to be displayed on the screen. You can disable the fields you dont want to display on the screen.
3. You can also shuffle and order the fields of your choice, hold and drag the field to place the order.

The below screen displays the customized screen layout for the Receiving module where you can design the layout by enabling/disabling the field and shuffle the fields per your need.



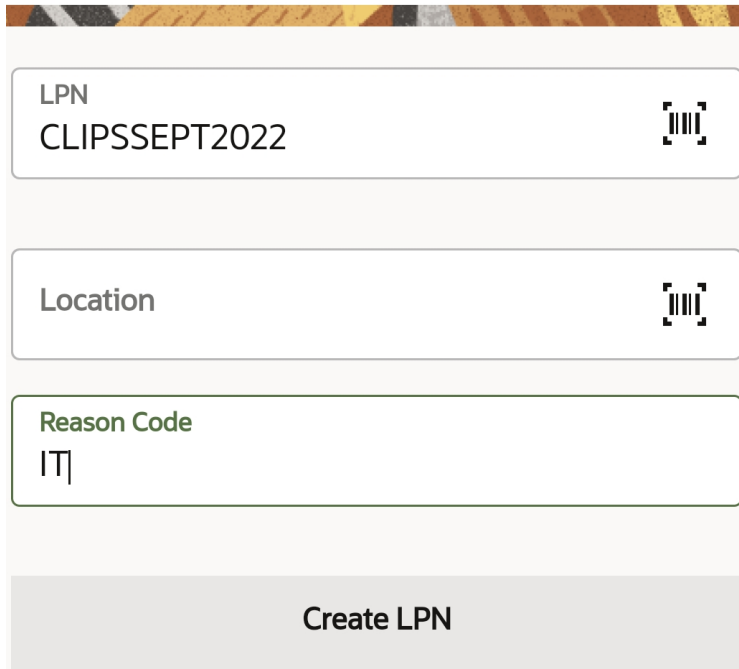
4. Click **Save**. The order reflects on the Receiving screen.

## Create LPN

To create LPN number, do the following:

1. Tap the **Create LPN** module. The Create LPN screen appears.

## ≡ Create LPN



LPN  
CLIPSSEPT2022

Location

Reason Code  
IT

Create LPN

2. Enter or scan the **LPN** Number, **Location** details (Optional field), and **Reason Code** and Tap **Create LPN** button.
3. The screen navigates you to enter/ scan the **Item** and the **Quantity** field. You can also choose to enter the Expiry Date (Optional).

4. Tap the **End LPN** button.

≡ Create LPN +

LPN CLIPSSEPT2022

Location

Item SKCYC01 [Barcode Icon]

Quantity 5

Expiry Date [Calendar Icon]

Item:  
SKCYC01  
Quantity:  
5

End LPN

5. The next screen displays the summary of the items and quantity entered. An **Information** pop-up message appears after an LPN is successfully created.

## Item Inquiry

You can search the item and fetch item details. You can also modify item's displays image or delete from your mobile device.

1. Tap the **Item Inquiry** module. The Item Inquiry screen appears.

2. Enter or scan the **Item Barcode**. You can also enter the Item alternate code (Optional).
3. Tap Search. The application navigates you to the Items screen

## ≡ Item Inquiry

4. Tap the > button to view the item's details. You can upload or modify the existing item's image.

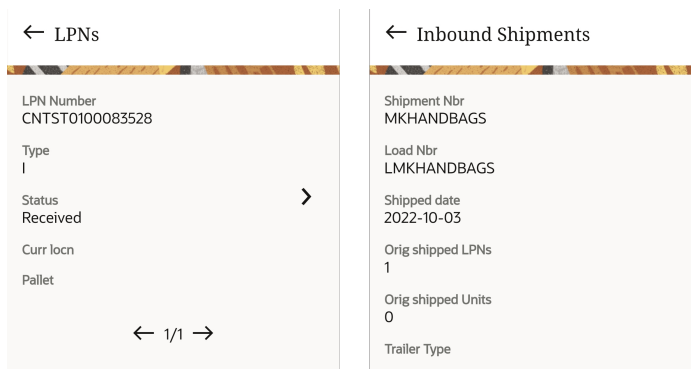
5. To modify the image, tap the pencil icon. The application gives you options to capture the image by opening the mobile Camera or to browsing through the mobile's gallery.
6. To delete, tap the trash icon. The application pops a confirmation message. Tap **OK** to delete.

## LPN Inquiry

You can search the LPN to fetch the details such as LPN status, current location, pallet, shipped date and so on.

1. Tap the **LPN Inquiry** module. The LPN Inquiry screen appears.
2. Enter or scan the **LPN Number** and tap **Search** button. The LPNs screen displays the LPN details.

3. Tap the > button on the screen to see more information about the LPN.



## Lock and Unlock LPNs

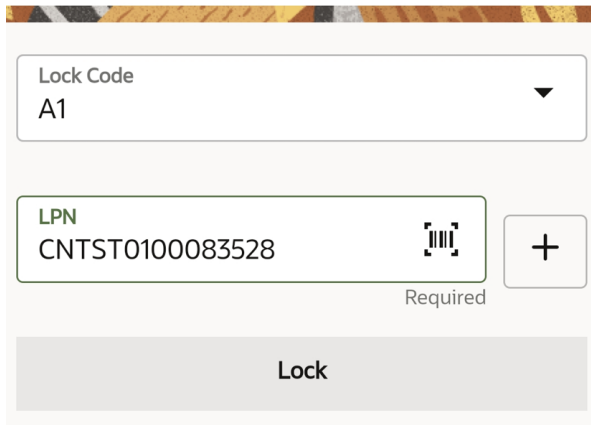
You can apply lock and unlock LPN by entering the LPN number.

1. Tap the Lock and Unlock LPN module. The Lock Unlock LPNs screen opens.
2. Choose the Lock LPNs or Unlock LPNs button and tap **Continue**.

3. After you choose Lock LPNs, the application navigates you to the Lock LPNs screen.
  - a. Select the Lock Code from the drop-down box and enter the LPN number.

**Note:** You can choose multiple LPNs to be locked under the same lock code at the same time.

#### ← Lock LPNs



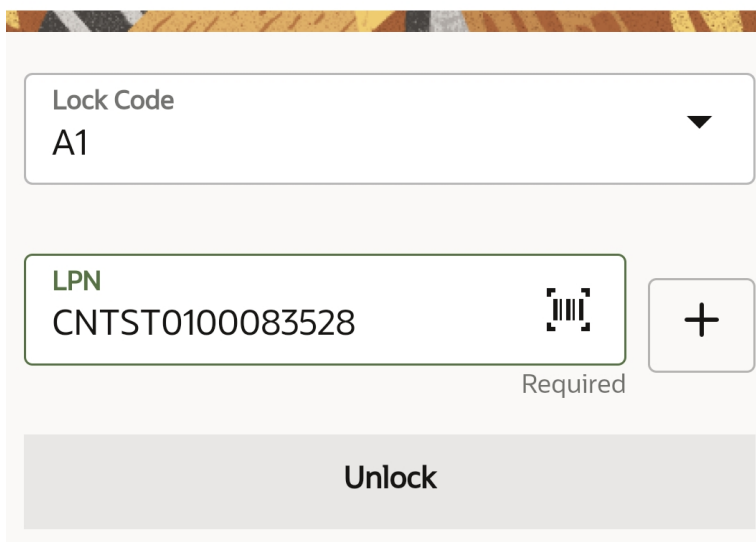
- b. Tap **Lock** button. On success, the application will display a confirmation window. Tap OK.

On choosing to Lock LPNs, the application navigates you to the Lock LPNs screen.

- a. Select the Lock Code from the drop-down box and enter the LPN number.

**Note:** You can choose multiple LPNs to be locked under the same lock code at the same time.

#### ← Unlock LPNs

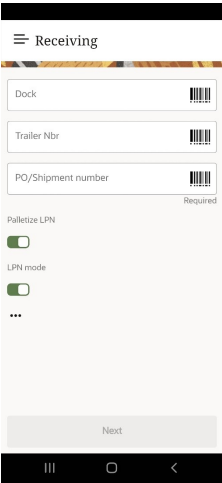


- b. Tap the **Unlock** button. On success, the application will display a confirmation window. Tap **OK**.

# Receiving

This section describes the Receiving transaction module.

Login to your Mobile App > tap the **Receiving** module. The **Receiving** screen appears.

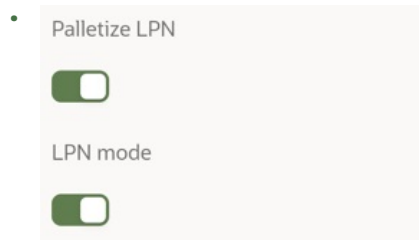


## Receiving

| Fields                        | Description                                                                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO/Shipment number (Required) | Accepts PO or Shipment Number. If the PO has multiple shipments available, then a pop-up window is displayed with a list of possible values.                                                                                                                 |
| Dock                          | Accepts the Location barcode or dock number.                                                                                                                                                                                                                 |
| Trailer Nbr                   | Accepts the Trailer number.                                                                                                                                                                                                                                  |
| Palletize LPN                 | Enabled, by default. Accepts the pallet number of the LPN and the pallet screen appears.<br><br>If the toggle is off, the respective receiving mode appears.                                                                                                 |
| LPN Mode                      | Enabled, by default. Receives LPN and prompts you to enter the content for the LPN.<br><br>If the toggle is off, the receiving mode is switched to SKU mode receiving. An advantage of SKU mode is you can receive multiple LPNs that have the same content. |
| Cross Dock                    | Disabled, by default. Allows you to cross dock LPNs during receiving to help fasten the order fulfillment.                                                                                                                                                   |
| ...                           | Allows you to customizes the Receiving screen layout.                                                                                                                                                                                                        |
| Next                          | Click to proceed to the next screen.                                                                                                                                                                                                                         |

The **Receiving** screen has toggle buttons that are enabled, by default:

- **Palletize LPN:** When this toggle is enabled, you are prompted to scan a pallet in the next screen.
- **LPN Mode:** If the LPN mode toggle is enabled, you are prompted to scan a LPN and then the SKUs or inventory that belong to the LPN. If this toggle is disabled, you will be receiving using SKU mode.
- **Cross Dock:** The cross dock LPN is functional only after enabling the toggle and configuring a valid parameter values.



The following shows the flow for Receiving shipment in Palletize mode:

1. Enter/scan the dock number or trailer number.

**Note:** If you scan a dock number and an appointment is checked-in, the system will auto-populate the Trailer Number and PO/Shipment number fields.

2. Enter the **PO/Shipment number**.

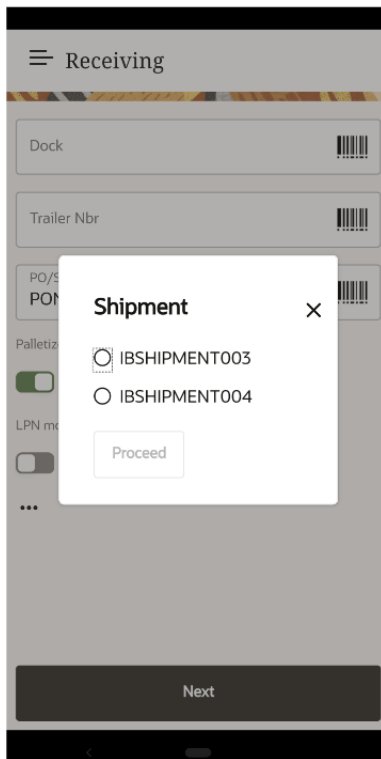
In order to find if the number entered is a PO or Shipment Number, the system will first look at the PO table and search for a matching number whose status is < than Received. Otherwise, it will look into the Shipment table and search for a matching number where the status is < than Receiving Complete.

- a. If an invalid PO or Shipment number is entered, the system displays an Invalid PO/Shipment error message. For example,

The screenshot shows the 'Receiving' screen of the mobile app. At the top, there is a header with a hamburger menu icon and the text 'Receiving'. Below the header, there are three input fields, each with a barcode icon on the right: 'Dock', 'Trailer Nbr', and 'PO/Shipment number'. The 'PO/Shipment number' field contains the text 'SHV1239' and is highlighted with a red border. Below this field, there is a red error message icon (a circle with a red 'x') followed by the text 'Invalid PO/Shipment'. Below the error message, there are two toggle switches: 'Palletize LPN' (which is turned on) and 'LPN mode' (which is turned off). At the bottom of the screen, there is a 'Next' button.

- b. If a value is available in the PO table, and the PO is related to multiple shipments, then a pop-up is displayed for you to provide with the Shipments linked to the PO. It will only show Shipments that are in a

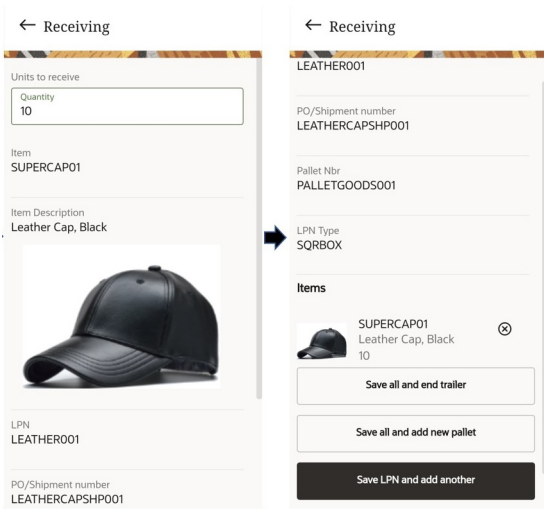
status less than receiving completed. On selecting the shipment value, the system will start the receiving process for the IB Shipment.



### LPN Mode Receiving

1. If **Palletize LPN** toggle and **LPN Mode** toggle is enabled. The system prompts for the pallet number in the next screen.
2. Click **Next**.
3. Enter the Pallet number in the **Pallet Nbr** field.
4. Select the type from the list of values in the **LPN type** drop-down field.

5. Choose the **Pallet contains** type:
- a. Click **Single item LPN** radio button to receive single item LPNs and click **Next**.
  - b. Enter the LPN number in the **LPN** field > Enter the item Barcode in the **Item Barcode** field.
  - c. Enter the quantity in the **Units to receive > Quantity** field.



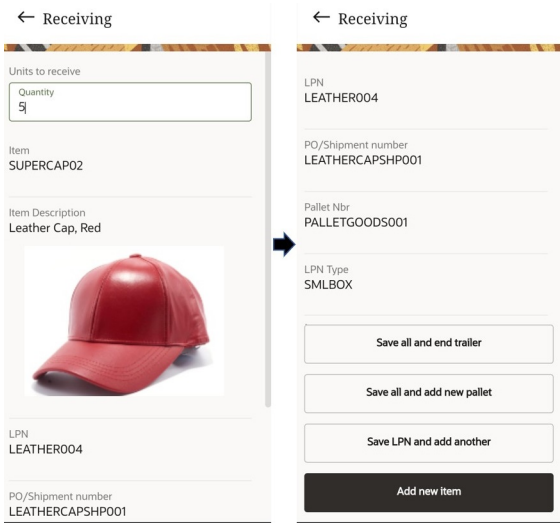
After successful receiving, the summary screen is displayed with the following options:

Summary Screen

| Options                     | Description                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save all and end trailer    | Saves all the records, ends the trailer, and the app routes you back to the main <b>Receiving</b> screen to scan a new shipment.                                                                                                                                                                                  |
| Save all and add new pallet | Saves all the LPN records and ends the current pallet. You can use this option to add the remaining SKU from the same shipment but on a new Pallet. The screen flow returns back to the <b>Pallet</b> screen where you scan a new pallet number.<br><b>Note:</b> Enter a different LPN number for the new pallet. |

| Options                  | Description                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save LPN and add another | Save the current LPN and add the same or different SKU from the same pallet but on a different LPN. The screen flow returns back to the <b>LPN</b> screen where you can scan a new LPN for the same pallet. |

- i. **Multi-item LPN:** Supports receiving of multi- item LPNs.
- a. Select the Multi-item LPN button and click **Next**.
  - b. Enter the LPN number in the **LPN** field > Enter the item Barcode in the **Item Barcode** field.
  - c. Enter the quantity in the **Units to receive** > **Quantity** field.



After successful receiving, the summary screen is displayed with the following options:

Summary Screen

| Options                     | Description                                                                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save all and end trailer    | Saves all the records, ends the trailer, and the app routes you back to the main <b>Receiving</b> screen to scan a new shipment.                                                                                                                                                                               |
| Save all and add new pallet | Saves all the LPN records and ends the current pallet. You can use this option to add the remaining SKUs from the same shipment but on a new Pallet. The screen flow returns back to <b>Pallet</b> screen where you scan a new pallet number.<br><b>Note:</b> Enter a different LPN number for the new pallet. |
| Save LPN and add another    | Save the current LPN and add the same or different SKU from the same pallet but on a different LPN. The screen flow returns back to the <b>LPN</b> screen where you can scan a new LPN for the same pallet.                                                                                                    |

| Options      | Description                                                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Add new item | This option is visible only if you receive multiple items by selecting Multi-item LPNs radio button Pallet screen. On tapping this option, the application takes you back to scanning the item barcode screen. |

## SKU Mode Receiving

This is a great mode if you receive LPNs that contain the same inventory multiple times. In this mode, you are prompted to first scan the SKU, quantity, and then the LPN number. You can continue to scan all of the LPN at once, unless you need to change another set of inventory or LPN containing different SKUs.

The following shows the flow for receive a shipment in SKU mode:

1. From the **Receiving** screen, enter the **PO/Shipment number**.
2. If **Palletize LPN** toggle = enabled and **LPN Mode** = disabled. The system prompts for the pallet number in the next screen.

3. Click **Next**.
4. Enter the pallet number in the **Pallet Nbr** field > choose the pallet contains > Click **Next**.
5. Enter the item Barcode in the **Item Barcode** field > Enter the quantity in **Units to receive** > **Quantity** field.

6. Enter the LPN number in the **LPN** field.

← Receiving

LPN  
LEATHER002

 Required

PO/Shipment number  
LEATHERCAPSHP001

Pallet Nbr  
PALLETGOODS002

LPN Type  
SQRBOX

Items

 SUPERCAPO2  
Leather Cap, Red  
10

← Receiving

LPN  
LEATHER002

PO/Shipment number  
LEATHERCAPSHP001

Pallet Nbr  
PALLETGOODS002

LPN Type  
SQRBOX

Save all and end trailer

Save all and add new pallet

Save LPN and add another with different it...

Save LPN and add another

After successful receiving, the summary screen is displayed with the following four options:

Summary Screen

| Options                                      | Description                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save all and end trailer                     | Saves all the records, ends the trailer, and the app routes you back to the main <b>Receiving</b> screen to scan a new shipment                                                                                                                                                                                  |
| Save all and add new pallet                  | Saves all the LPN records and ends the current pallet. You can use this option to add the remaining SKU from the same shipment but on a new Pallet. The screen flow returns back to <b>Pallet</b> screen where you scan a new pallet number.<br><br><b>Note:</b> Enter a different LPN number for the new pallet |
| Save LPN and add another with different item | Saves the records and prompts you to scan another item barcode from the same shipment, quantity, and LPN. This screen flow returns back to <b>Item Barcode</b> screen.                                                                                                                                           |
| Save LPN and add another                     | Save the current LPN and add the same or different SKU from the same pallet but on a different LPN. The screen flow returns back to the <b>LPN</b> screen where you can scan a new LPN for the same pallet.                                                                                                      |

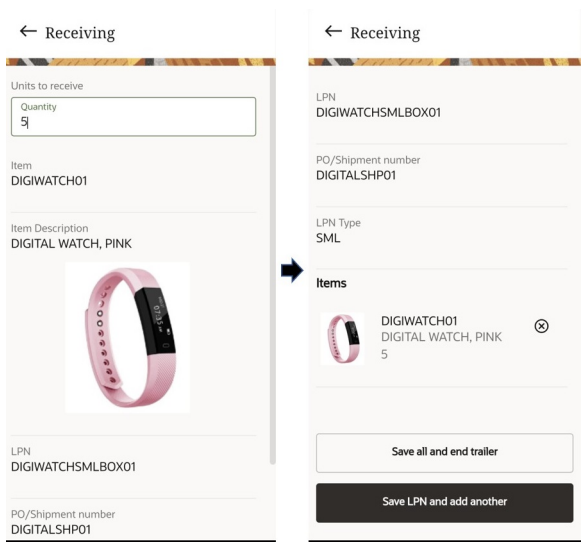
Receiving LPN or SKU without Palletize mode

The following depicts the flow of receiving for a non-palletized shipment:

1. From the **Receiving** screen, enter the **PO/Shipment number**. If **Palletize LPN** = disabled and **LPN Mode** = disabled/enabled, the application prompts you to the LPN type screen.

2. Click **Next**.
3. Choose the LPN type from the list of available LPN type descriptions > Click **Save**.
4. Enter the LPN number in the **LPN** field > Enter the item barcode from the **Item Barcode** field.

5. Enter the quantity in the **Units to receive > Quantity** field.



After successful receiving, the summary screen is displayed with following options:

**Non-Palletize Mode Summary Options**

| Options                  | Description                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Save all and end trailer | Saves all the records, ends the trailer, and the app routes you back to the main <b>Receiving</b> screen to scan a new shipment                                                                              |
| Save LPN and add another | Saves the current LPN and add the same or different SKU from the same pallet but on a different LPN. The screen flow returns back to the <b>LPN</b> screen where you can scan a new LPN for the same pallet. |

**Cross Dock LPNs during Receiving**

In your Receive module, enable the “Cross dock” toggle. On launching the receiving module, the **Cross-dock** toggle will be disabled, by default.

< Receiving

...

Location

Required

Trailer number

Required

PO/Shipment number

Required

☐ Cross dock

☒ Palletize

Next

To help reduce the time needed for order fulfilment during receiving, configure the xdock-mode in the receiving module with the following parameter values:

<

Modules

>

Parameters

| Parameter Name | Module                 | Parameter Type | Parm choices                                    |
|----------------|------------------------|----------------|-------------------------------------------------|
| xdock_mode     | VBCS-Mobile: Receiving | Selection      | None LPN Nbr Xdock LPN Nbr and Single SKU Xdock |

***XDock Mode Parameter***

| Parameter Values                           | Description                                                                                                                                                                                                       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| None                                       | Do not cross dock                                                                                                                                                                                                 |
| LPN Nbr and Single SKU Xdock               | The system first checks the receiving LPN with the orders and their required LPN number. If the LPN number does not match, then the system will perform single SKU Xdock until the single SKU LPN.                |
| LPN Nbr Xdock                              | Checks the receiving LPN with orders that required LPN number.                                                                                                                                                    |
| LPN Nbr , single, multi sku xdock facility | The system first matches the LPN with an order. If the LPN number does not match, then the system will Xdock single sku. If the LPN is multi sku, the system will Xdock facility, only if it is a facility order. |
| LPN Nbr Single and Multi-SKU Xdock         | The system first matches the LPN with an order. If the LPN number does not match, then the system Xdock single sku but if the LPN is a multi sku, then the system will Xdock.                                     |

## Putaway

You can directly putaway one or more IB LPN to a location via the Putaway module. This transaction uses putaway types and putaway rules to determine the location. For more information on how to configure please refer to the putaway section of the [Online Help](#).

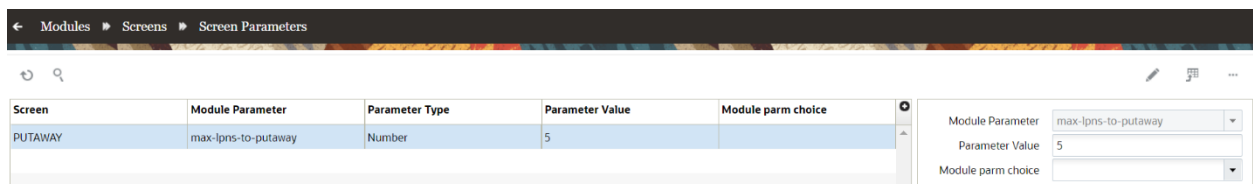
Before you begin, configure the following screen parameter:

- Make sure you have an LPN that has a Putaway type defined.
- Configure the Putaway method priority.

In the first screen, you are prompted to scan the LPNs that you want to putaway based on the numbers of scans defined by the screen parameter Max-lpns-to-putaway. To configure, do the following:

- Go to **Modules > Putaway (VBCS) > Screen Parameter**. Configure the **max-lpns-to-putaway** parameter value.

**Note:** The recommend parameter value that can be configured is up to 50.



| Screen  | Module Parameter    | Parameter Type | Parameter Value | Module parm choice |
|---------|---------------------|----------------|-----------------|--------------------|
| PUTAWAY | max-lpns-to-putaway | Number         | 5               |                    |

Module Parameter: max-lpns-to-putaway

Parameter Value: 5

Module parm choice:

Here, the parameter value is set to 5, and therefore the screen displays up to 5 LPN scan fields. Even though, the configure value is 5, it is not mandatory for you to scan all of the fields to continue Putaway.

### Putaway Screen

| Fields                          | Description                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LPN                             | Enter/scan the LPN barcode.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reverse Putaway Sequence toggle | <div>When the toggle is:</div> <ul style="list-style-type: none"><li>• <b>Disabled</b> (default): The system looks at the LPN type to determine the putaway sequence. The system will prompt you to putaway LPNs with the lowest assigned sequence first and highest at the last.</li><li>• <b>Enabled</b>: The system will use the reverse sequence you scanned and will direct the LPNs to the location in the reverse order you scanned.</li></ul> |
| Next                            | <div>This button enables you to proceed when an LPN is scanned.</div> <div><b>Note:</b> You do not necessarily have to scan all the LPNs to continue.</div>                                                                                                                                                                                                                                                                                           |

## Reverse Putaway Sequence Toggle

The Reverse Putaway Sequence toggle allows you to decide the logic the system will use to direct you to the location.

Let's say, you have the following LPNs with location putaway sequence:

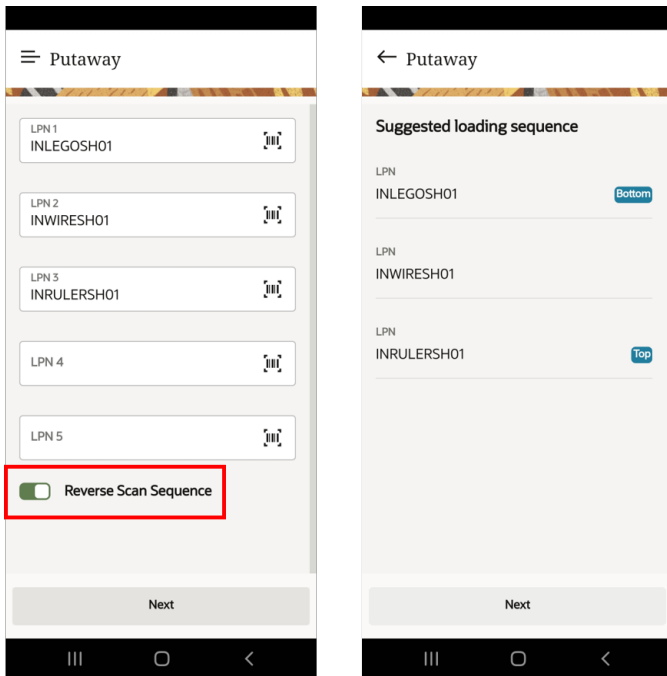
### **Reverse Putaway Sequence Toggle**

| LPN         | Location Putaway sequence |
|-------------|---------------------------|
| INLEGOSH01  | 101                       |
| INWIRESH01  | 205                       |
| INRULERSH01 | 150                       |

When the toggle is **disabled**, the system will order the locations based on the putaway sequence. Therefore, you'll be first picking INLEGOSH01 (LPS - 101), then INRULERSH01 (LPS - 150), and lastly INWIRESH01 (LPS - 205). This mode is focused on productivity. As you will be prompted to go to the location with the lower sequence, and putaway the inventory respectively.

The suggested loading sequence screen is a great tool. If you have equipment that allows you to accept multiple lpns such as a forklift, you will have a better picture of how to organize your LPNs. So, when you get to the location your LPN is accessible and you don't have to waste time unloading and finding the LPN you need to putaway.

1. Login to your Mobile App > tap **Putaway** module > Enter the LPN(s).
2. When the toggle is **enabled**: You'll pick the last LPN scanned and route to the locations according to the order that you have stacked the LPNs. That is, you'll will be directed to putaway the LPNs where first you lift the INRULERSH01, then INWIRESH01, and lastly INLEGOSH01.
3. In the Suggested Loading Sequence screen, you will see the reverse order of how you scanned your LPNs. You first stack INLEGOSH01 at the bottom in order for you to putaway INRULERSH01 first, and then go to the location for INWIRESH01, and lastly INLEGOSH01.



Ideally, this is a great functionality for you to putaway LPNs in scenarios where delicate items can be arranged accordingly to their weight or size. For example - you can avoid stacking heavier LPN boxes on top of fragile items that might cause damages.

## User Directed Putaway

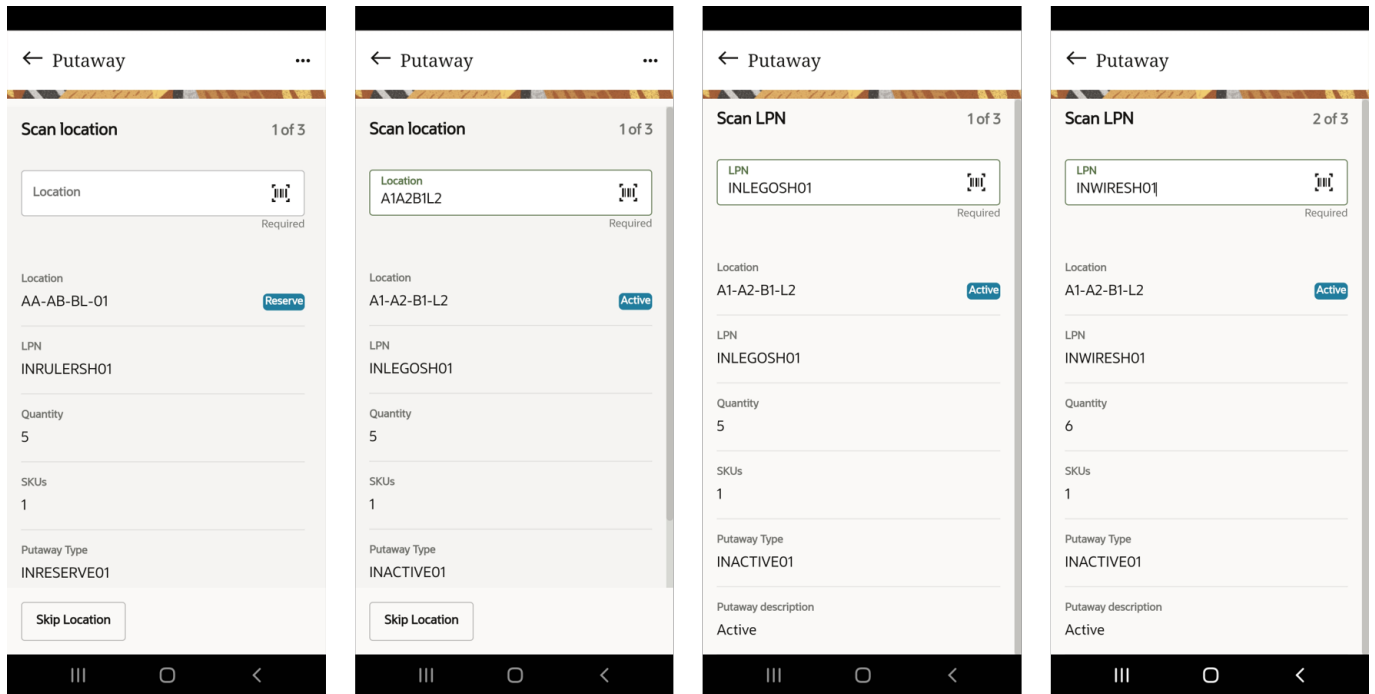
In user directed putaway, the Suggested Loading Sequence screen suggests the order you can load/stack LPNs to your putaway equipment.

If the toggle is disabled, the system will do putaway based on the calculated Putaway Location sequence. This optimizes organization of your inventory and will save you time during loading.

1. After you enter the LPNs, disable the toggle and continue to click **Next**. The Suggested location sequence screen appears.

You either click **Next** to proceed with the suggested order or return back to the main screen and enable the toggle to reverse.

- The location screen prompts you to scan the location. Here, the system picks the INRULERSH01 LPN to scan the location (AA-AB-BL-01) first based on the suggested sequence.



You can scan the location or skip the displayed location.

**Skip Location:** This button is available only in the Location screen. For example, you could use this button to skip a particular location - perhaps there is a spill - and continue to putaway other LPNs to their location. After putting away all the LPNs, the system loops back to the skipped location and prompts you to scan the location again.

- Click **Skip Location** on the Scan Location screen to skip. The system takes you to the next Scan location screen.
- Scan/enter the next location barcode for the LPN, here A1A2B1L2. The location details for the LPN is already displayed in the Location field.

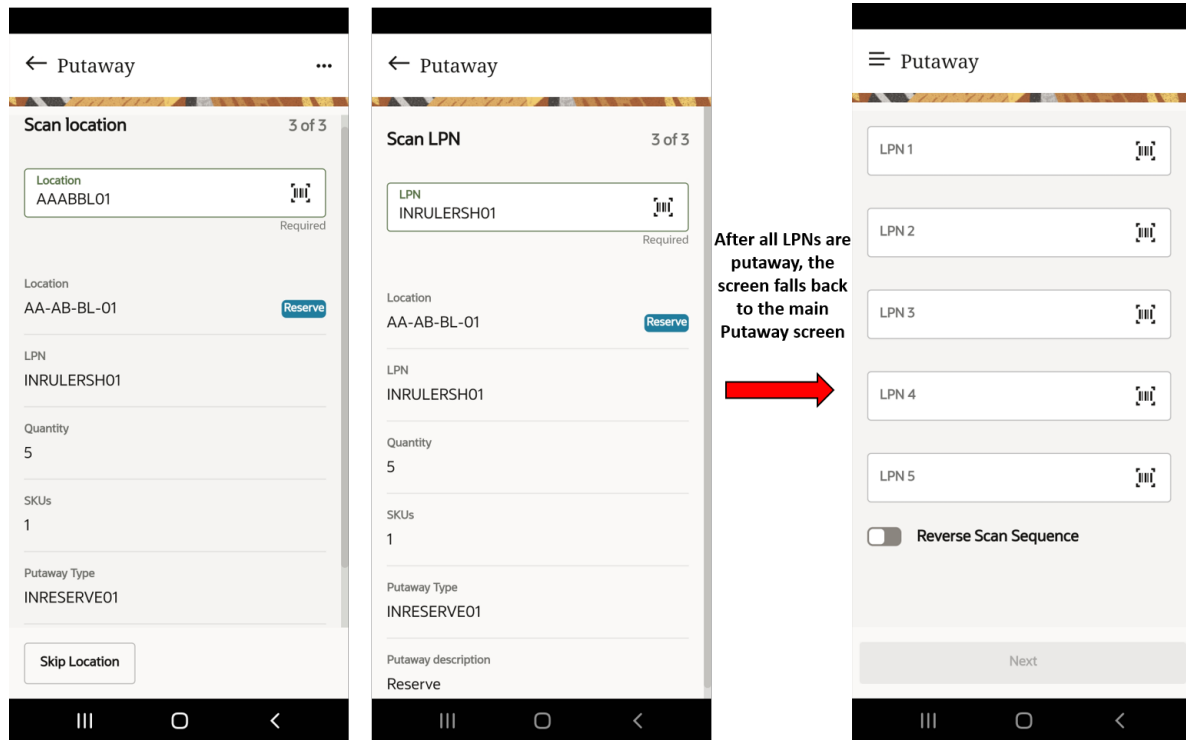
**Note:** The LPN will be directed to the location based on location putaway sequence.

You can choose to Skip the location again or continue by clicking **Next**.

- Scan/enter the LPN barcode in the **Scan LPN** screen.

The LPN detail is displayed in the LPN field. You can continue to scan as many LPNs as you want.

6. After scanning all the LPNs, the system returns back to the skipped location. Here, the system loops back to scan the location AAABBL01 for LPN-INRULERSH01.



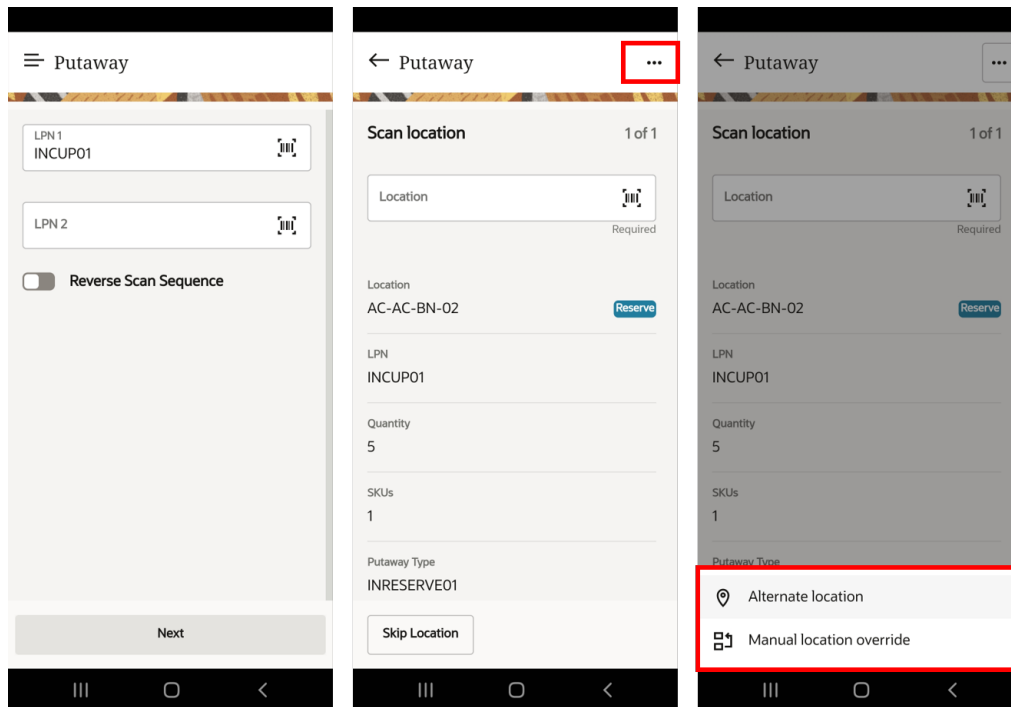
After all LPNs are putaway, the screen falls back to the main Putaway screen

## Overflow Menu Screen

The Putaway module also offers you the following two options in the overflow menu screen:

- **Alternative location:** This option will direct you to alternate locations based on the next putaway sequence.

- **Manual location override:** This option allows you to manually override and specify the location where you would like to putaway your inventory.
  - a. Login to your Mobile App > tap Putaway module > Enter LPN.
  - b. Click the icon (...) in the Scan location screen opens an overflow menu screen.



### Alternate Location

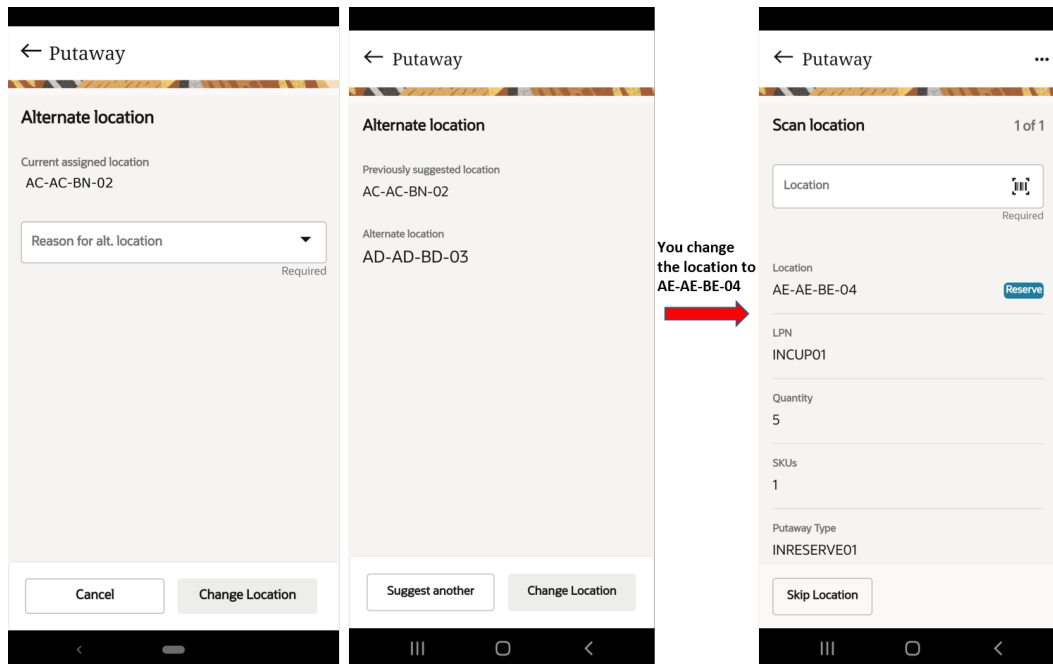
- c. When you click **Alternate location** button, the Putaway Alternate location screen appears with current location and **Reason for Alt. Location** drop-down.

In this screen, you can choose the reason code from the list and request for a change location. On confirming, the application records the reason code and keeps a track of the reason.

- d. Click **Change Location**, the screen displays previously, and alternative location and the Suggest another button is enabled.

**Note:** The application writes an IHT activity 'IHT-86- Alternate location Reason code'. If you tap **Cancel**, you will be directed to the Scan Location screen where the original location of the LPN ready for putaway is displayed. When you click **Alternate location** button, the Putaway Alternate location screen appears with current location.

- e. You can click the **Suggest another** button to choose a different location. For example, AE-AE-BE-04 appears on the Alternative location. Click **Change location**.
- f. The LPN's location will be updated in the Scan Location screen as shown below:

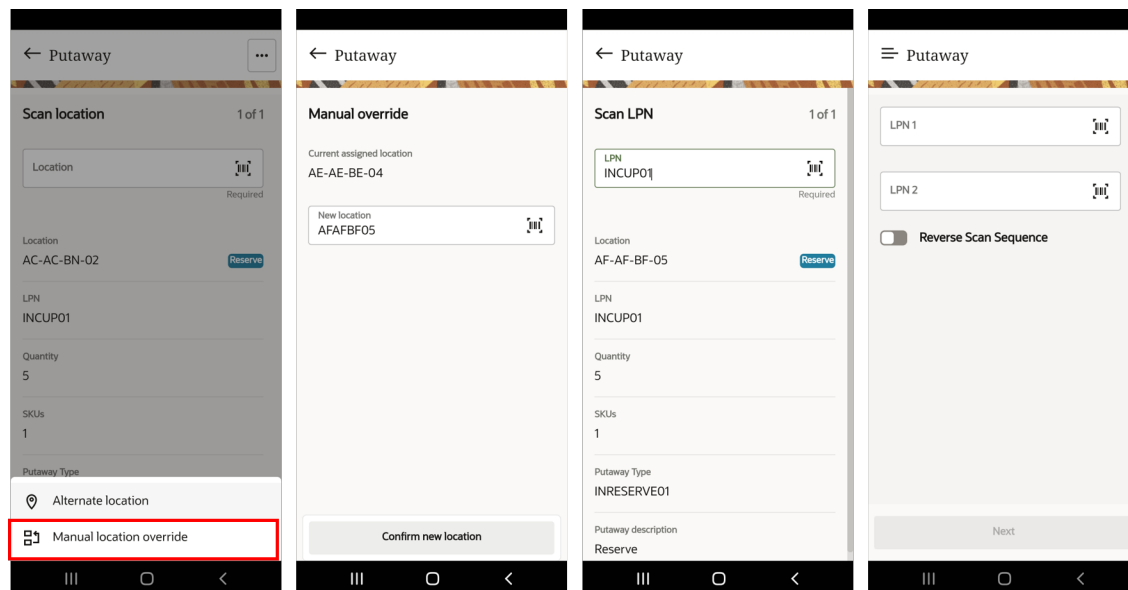


- g. Scan the alternative location barcode and proceed to putaway the LPN.

### Manual Location Override

You can manually override the location based on your preference and scan a new location to putaway your LPN.

- Click on the icon (...) and select the Manual location override.
- The Manual override screen appears and prompts you to enter or scan the new location.
- Click the Confirm new location button to proceed.
- The system updates the new location in the Scan LPN screen and proceeds to putaway the LPN.
- After successful putaway, the screen routes you back to the main Putaway menu.



## Cycle Count

A cycle count is one of the Inventory Management operations that allows you to count components of an inventory or an item in a specific location on a specified day.

Cycle count transactions will always consider to be in deferred mode for Mobile App irrespective if the company or facility parameter INVN\_ADJ\_APPROVAL\_REQUIRED is set to YES or NO.

The Mobile App cycle count allows you to count for following location:

- Active Locations
- Reserve Locations

## Active Location

If you scan an active location in the location prompt screen. However, you must count all the items in the active location. If you don't scan an item that is currently in the location, the system will consider that this item is no longer in the location.

1. The Cycle Count main screen displays the Location screen:
2. Scan or enter the Active Location barcode. The screen takes you to scan items.
3. Enter the item barcode in the **Scan Item** screen.
4. Enter the quantity in the **Number of Units** screen. If you have more items to cycle count, tap **Next item** button. The application takes you to **Scan Item** screen.

**Note:** Currently, the cycle count transaction does not track attributes.

- After you finish counting the items, tap **End Location** to end the cycle count. If you wish to continue scanning, enter the quantity in the Number of Units screen.

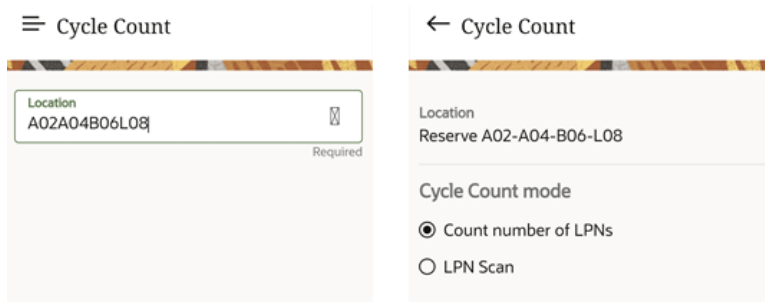
- After the transaction is completed (cycle count transactions are deferred), the system writes a record in the CC adjustment UI where you can accept or reject the variance.

## Reserve Location

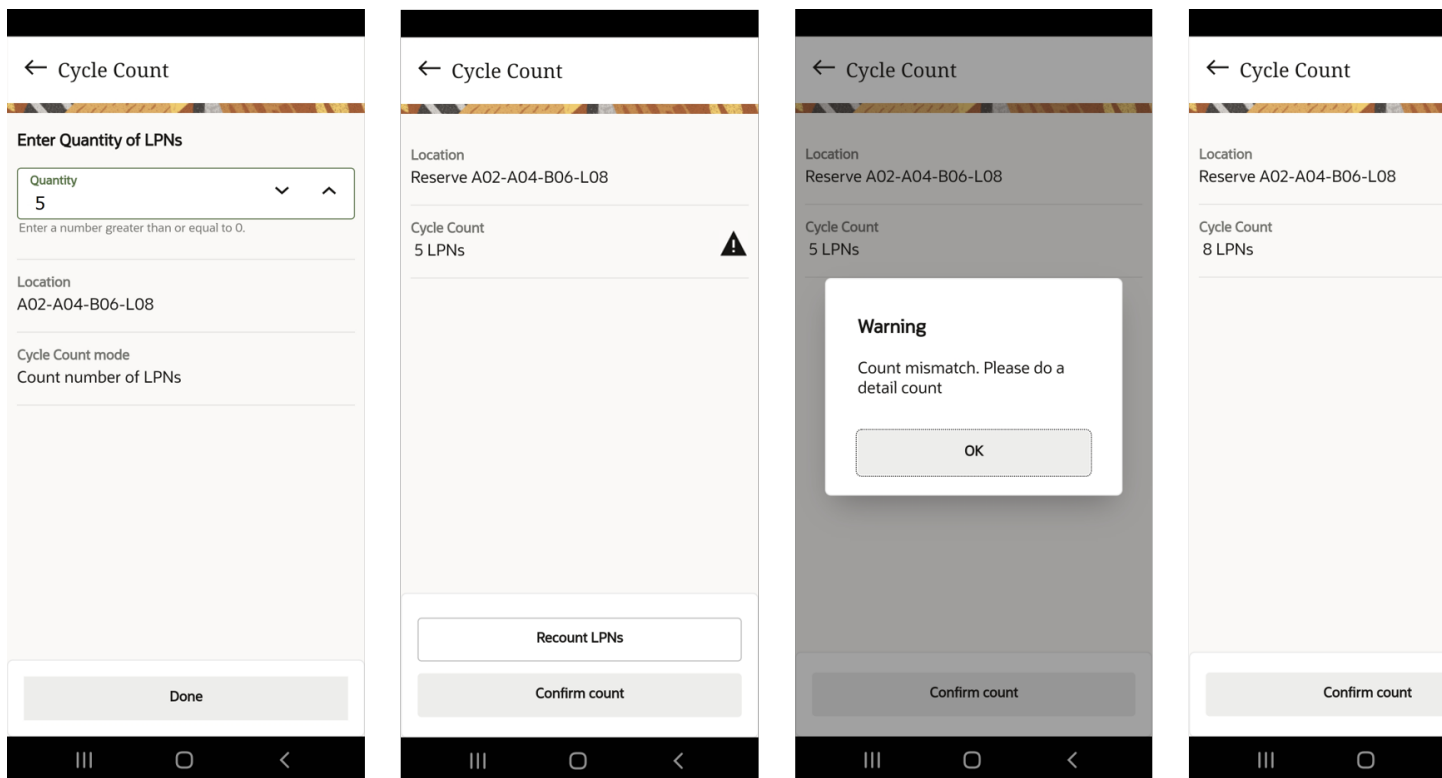
- Scan or enter the Reserve location.
- The system displays a Warning pop-up message. Tap Accept the message to continue or Cancel to discard.

**Note:** The warning message is displayed only for locations for inventory from an unverified shipments.

3. The Cycle Count mode screen appears with following two options:
  - Count numbers of LPNs
  - Scan LPN



4. When you select the **Count number of LPNs** radio button, the application displays the enter Quantity of LPNs screen.
5. You can manually enter the quantity or tap the decrement (v) or increment (^) icons to specify the quantity.

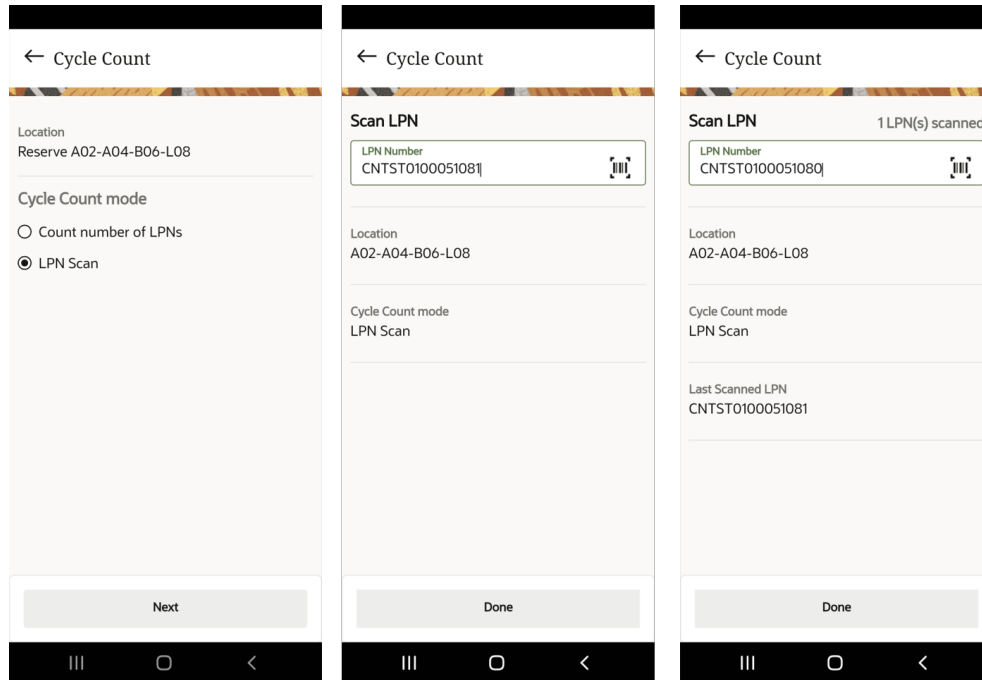


6. If the number of LPNs does not match with the actual count or if there are any discrepancies, the application displays a warning icon in the Cycle Count field.
  - If you tap **Confirm count**, the application displays a Count mismatch warning message.
  - If you tap **Recount LPNs**, the application takes you to scan the LPNs you see in the location. Just like if you have clicked on LPN scan mode.
  - If your count matches, the application displays a correct green icon in the Cycle Count field and the Confirm count button for your confirmation.
7. When you select the **LPN Scan** radio button, the application takes you to scan the LPN number.

8. You can continue to scan the next LPN in the Scan LPN screen.

**Note:** The application displays the number of LPNs that are already scanned on the top right of the screen.

9. Once completed, tap **Done**.

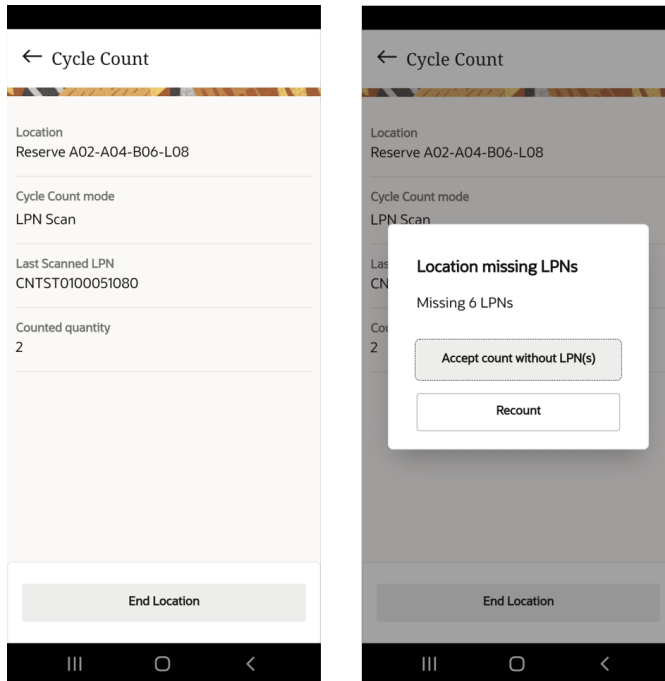


The summary screen will display Location counted, Cycle Count mode, Last Scanned LPN and Counted quantity (sum of scanned LPNs for the location).

10. Tap **End Location** to end the count for the location and writes **IHT 38 Reserve Location Cycle Count Complete** after completion of counting for a reserve location.

If you don't scan the LPN, the application will display a message either for you to accept or recount if there are any missing LPNs.

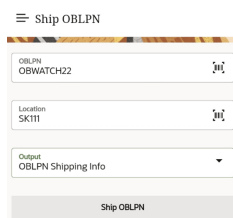
11. Tap **Accept count without LPN(s)** to complete the cycle count. Otherwise, tap **Recount** to scan the LPNs. The application routes you to the Scan LPN screen.



## Ship OBLPN

You can ship the OBLPN that is packed via the Ship OBLPN module on the mobile app.

1. Go to the **Ship OBLPN** Module. The Ship OBLPN main screen opens.



2. Enter or scan the **OBLPN** number.
  3. Enter or scan the **Location**.
- Note:** You must provide the Shipping location type.
4. Choose the output interface type from the **Output** drop-down menu:
    - o (None): No output will be generated.
    - o IBLPN Inventory: Generates the IBLPN Inventory output file.
    - o OBLPN Shipping Info: Generates the OBLPN Shipping Info file.

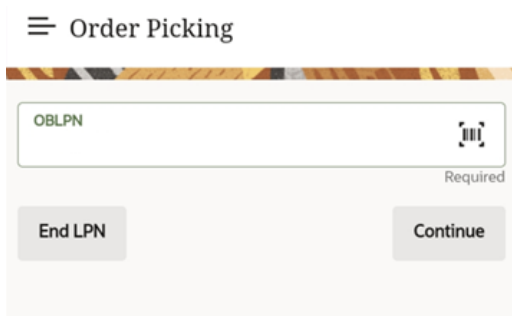
5. Tap **Ship OBLPN**. The status of the OBLPN changes from Packed to Shipped.

You can download the generated output file for the OBLPN from the Output Interface UI.

## Order Picking

The Oracle WMS Mobile app provides you the most convenient and easy way of order picking by scanning the barcode of the item. In this transaction, you are able to assign an OBLPN to a specific order.

1. Tap **Order Picking** module, the OBLPN main screen is displayed with two options.



To end an LPN, do the following:

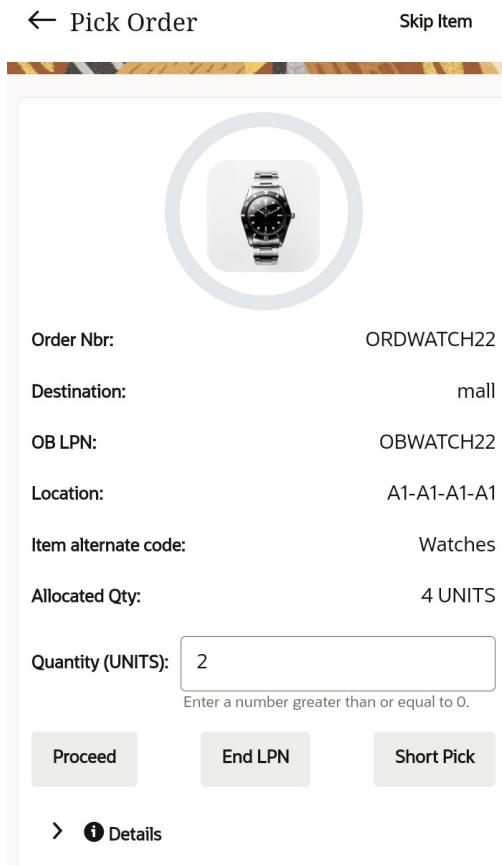
1. Enter or scan the OBLPN and tap **End LPN**. The app opens a confirmation dialog box stating, “Close OBLPN <OBLPN>?”.
  - a. On tapping Yes, the OBLPN status is changed to Packed.

**Note:** The status of the order changes if all the OBLPNs are packed.
  - b. On tapping No, the app routes you to the OBLPN main screen.

To pick an order, complete the following steps:

1. Enter or scan the OBLPN and tap **Continue**.
2. Enter the order number (for ex. ORDWATCH22) in the Order Nbr field and tap **Continue**.

3. The **Pick Order** screen displays the inventory details with the allocated quantity.



← Pick Order Skip Item

Order Nbr: ORDWATCH22

Destination: mall

OB LPN: OBWATCH22

Location: A1-A1-A1-A1

Item alternate code: Watches

Allocated Qty: 4 UNITS

Quantity (UNITS):

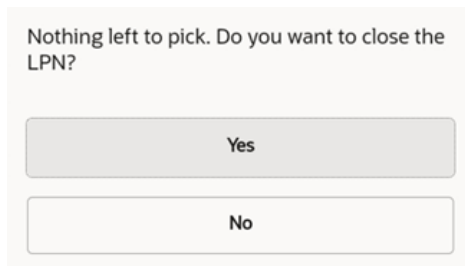
Enter a number greater than or equal to 0.

Proceed End LPN Short Pick

> ⓘ Details

Here, you have an option to pick the whole allocated quantity, or to pick less quantity than what is getting allocated. This will short the quantity picked.

4. Enter the number of units in the Quantity (UNITS) field to be picked for the OBLPN and tap Proceed. The app allocates the quantity and routes you back to the **Pick Order** screen until all the items are picked. After picking all the items, the app opens a pop-up window with the following options:



Nothing left to pick. Do you want to close the LPN?

Yes

No

- a. On tapping Yes: Closes the OBLPN and the order status changes to Packed.
  - b. On tapping No: Returns you back to OBLPN main screen and the order status changes to In-packing.
5. You can either choose to End LPN from **OBLPN** screen or from the **Pick Order** screen. The app allocates X-units (entered in the Quality field) to the OBLPN and closes the LPN with Packed status.
6. You can **Short Pick** in case there is a shortage, or the inventory is damaged. The app displays a dialogue box "Short Remaining Qty: x". Proceed further?"
- a. Yes: Shorts the allocated quantity. Here, the "x" number of units entered in the Quantity field is ignored.

**Note:** The picked inventory gets packed into the OBLPN, and the shorted inventory goes to Cancelled status.

- b. No: Aborts the Short Pick action and returns you to the Pick Order screen.

