

AP Commerce Inc.

Freight Container Management

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Installation & Setup

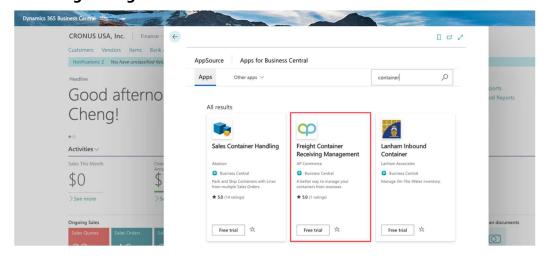
The Freight Container Management app is installed per company. To enable and initialize the app, use the Assisted Setup Wizard.

Download Freight Container Management from AppSource

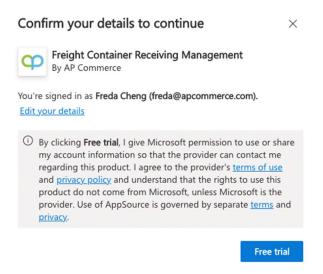
 In the Business Central, choose the icon and search for Extension Marketplace.



Search "Container" in the AppSource to find the Freight Container Receiving Management. Click on the Free Trial.







3. This will start the installation process, select the Language and click on **Install**.

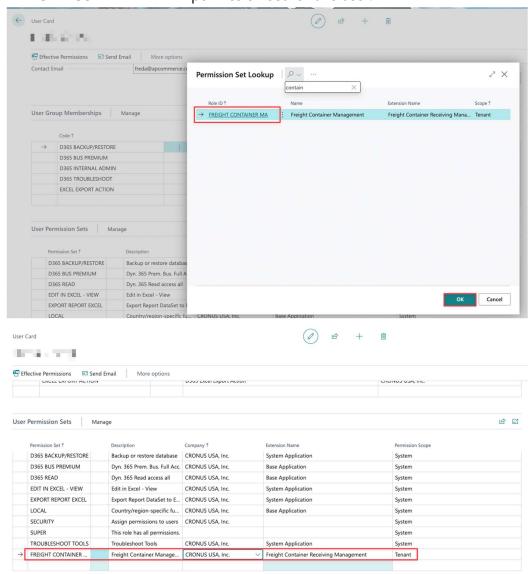
Extension Installation		7	\times
Choose Language			
Language · · · · Eng	lish (United States)		
Read more about the best practices for in	nstalling and publishing extensions		
		Insta	II



Setup the Freight Container Management App

Assign User Permission Set

- Choose the picon to enter "User" and click on the related link to open the Users list.
- 2. On the Users list, click on the user that will perform the Container Management setup and open the User Card page.
- 3. On the **User Card** page, go to the **User Permission Sets** tab, add the **FREIGHT CONTAINER MA** permission set for this user.



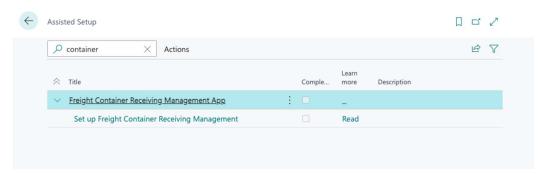
Assisted Setup

1. Choose the **D** icon to enter **"Assisted Setup"** and click on the related



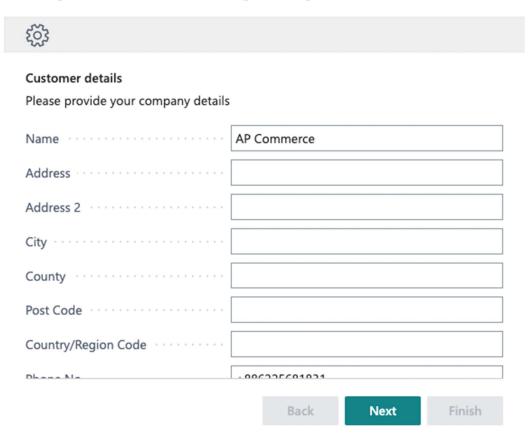
link.

 Search "Container" to find the Setup Freight Container Receiving Management and click on the link. This will launch the wizard for setup process.



3. Input the required info on the **Customer details** page and click on Next.

Freight Container Receiving Management Setu... 🗸 🗡



4. On the **Number Series** section, select a **No. Series** for **Container Nos.** and **Posted Container Nos.** If left blank, a **No. Series** of "P-



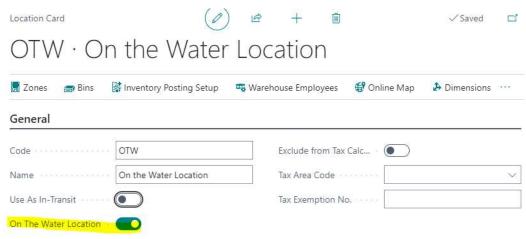
CON" and "**P-CON+**" will be created and inserted into the No. Series fields by the setup wizard.

5. On the On the water process section, enter the Default Inbound Transition Leadtime (optional) to specifies the default date formula to calculate the Estimated Receipt Date based on the Vessel Arrival Date, for example, 1W. Enter Default Transfer Order In-transit Location to specifies the default In-transit Location Code to use to transfer inventory to the final location. Enter Default On the Water/Air Location Code to use when receiving items from overseas. Leave blank you do not use OTW locations.

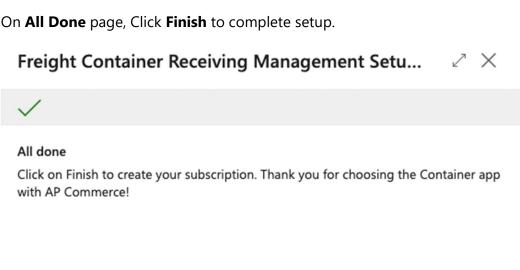
On the water process Please fill in the default values for on the water process. If you still not decided yet to use it or not, just leave this part blank. You can fill in later on the container setup page.				
Default Inbound Transit Leadtime				
Default Transfer Order In-transit Location				
Default On the Water/Air Location				

To use existed location, make sure to enable the **On the Water Location** trigger on the location card. Click **Next** to proceed the setup.





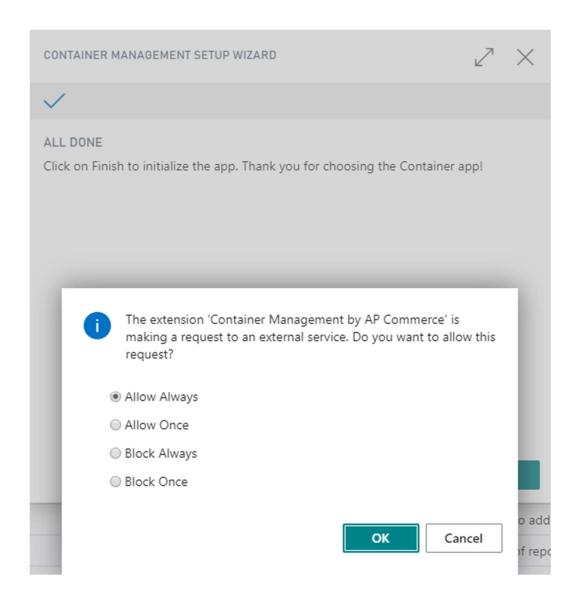
6. On **All Done** page, Click **Finish** to complete setup.





7. After setup wizard is closed, a confirmation window will pop up to connect to the external service Stripe.com for subscription synchronization. Please choose Allow Always and then click OK.





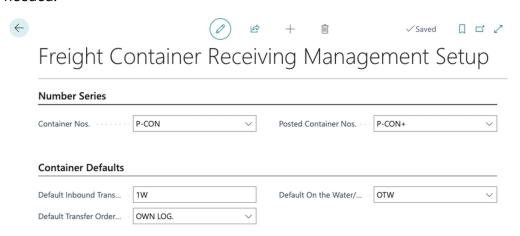
Modify the Freight Container Management Setup

Choose the
 icon to enter and select the Freight Container
 Receiving Management Setup link to open the setup page.



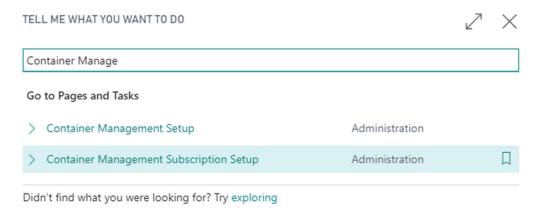


2. On the **Freight Container Receiving Management Setup** page, users may change Number Series and Container Defaults configuration if needed.



Freight Container Receiving Management Subscription Setup

 Choose the icon to enter and select the Freight Container Receiving Management Subscription Setup link to open the setup page.



2. The Freight Container Receiving Management Subscription Setup contains two fast tabs:

General

Users may modify contact/subscription information in the **General** tab.

Subscription Info



This section will show subscription status and subscription period information. These fields will be automatically updated by app provider.

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Freight Co	ntainer Red	ceivii	ng N	Manage	ement		
Subscription	on Setup		J	3			
× Your subscription to	Freight Container Receiving M	anagement	will expir	e in 1 day(s). The s	ubscription will autom	natic	
Actions							
General							
Name · · · · · · · · · · · · · · · · · · ·	APC Test on SBDevTest		Post Cod	de · · · · · · · ·			
Address			Country	/Region Code			
Address 2			Phone N	lo. · · · · · · · · · ·	+886990123123		
City · · · · · · · · · · · · · · · · · · ·			Email · ·		red@red-fami.com		
County							
Subscription Info							
Status · · · · · · · · · · · · · · · · · · ·	Active		Current	Period Start	5/26/2022 11:16 AM		
Last Synchronized	5/26/2022 5:27 PM		Current	Period End	5/27/2022 11:16 AM		



Subscription

1. Subscription Status

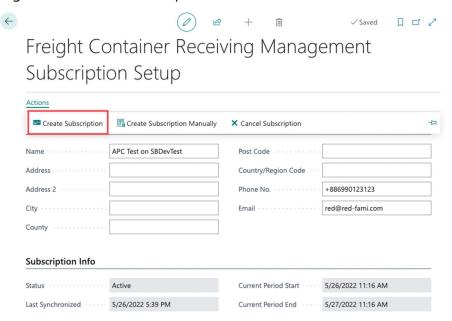
On Freight Container Receiving Management Subscription Setup page, Subscription Info section, subscription Status field has the following values:

- **Evaluation**: This means the app is in a trial period. The Container Management app has a 15-day trial period. The period starts counting the day the app has been installed.
- Active: This means the app is authorized for use in the current company. Your subscription is within the effective period. The Container Management app can be subscribed to yearly. The status will change to Active after payment has been received. The "Current Period Start/Current Period End" fields will be automatically renewed to 1- year period after payment has been verified.
- Past Due: This means the app is not within a valid period. Once the
 trial period has expired, and no subscription has been created or the
 payment has failed after processing, the app function will be blocked,
 and the Status value will be changed to Past Due.
- Canceled: This means the app was subscribed using card payment, but the subscription has been canceled manually by the users. The Status value will be changed to Canceled at the end of the current effective period. Users can create a subscription again per the above instructions on how to use the app.
- Unpaid: This means the payment renewal has failed. The app function will be blocked, and the Status will change to Unpaid.
- Blocked: When new companies are created through copy company function, the Container Management app will be automatically installed, and Status will be set to Blocked. Users must run Set up Container Management from Assisted Setup to register the current company as a new customer before starting use.

When the trial period has ended, **Status** will be changed from **Evaluation** to **Active** temporarily for users to process their payment. If the payment has not been made within a couple of hours, then the **Status** will be changed to **Past Due**.



- 2. Create subscription by credit card payment
 - Choose the icon to enter and select the Freight Container Receiving Management Subscription Setup link to open the setup page.
 - 2. On Freight Container Receiving Management Subscription Setup page, click the Actions dropdown menu.



3. The wizard will automatically import the data from the Company Information. You can modify or confirm the payment information, and then click **Next**.



CREATE SUBSCRIPTION TO CONTAINE	r Z X
CUSTOMER DETAILS Provide your company details	
Name · · · · · · · · · · · · · · · · · · ·	APC Test
Address	5 The Ring
Address 2	Westminster
City	London
County	
Post Code · · · · · · · · · · · · · · · · · · ·	W2 8HG
Country/Region Code · · · · · · · ·	GB
Phone No.	0666-666-6666
Email · · · · · · · · · · · · · · · · · · ·	red@apcommerce.com
	Back Next Finish

4. Enter **Credit Card information**. Please enter card number, expiration month/year, and CVC code.









CREDIT CARD DETAILS

Please fill in your credit card details below. Your credit card will be charged \$179 USD yearly at every period start. They will be safely stored with our payment provider Stripe. No credit card information will be stored in Microsoft Dynamics 365 Business Central.





- 5. Click **Next**.
- 6. Click **Finish** to create the subscription and close the wizard.



CREATE SUBSCRIPTION TO CONTAINER





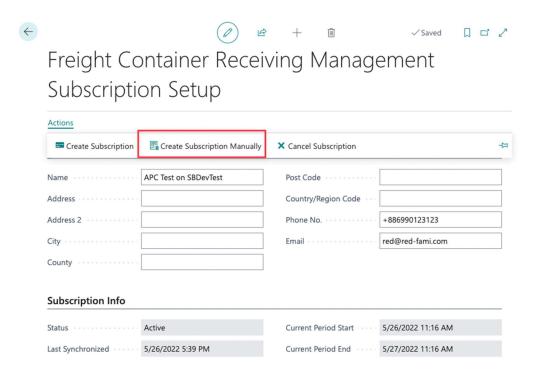
ALL DONE

Click on Finish to create your subscription. Thank you for choosing the Container app!



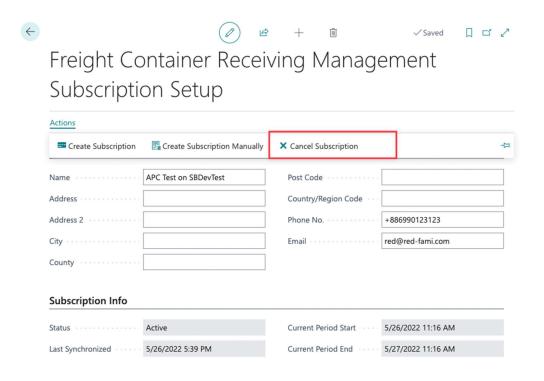
- 7. The **Freight Container Receiving Management Subscription Setup** page will be updated with the renewed subscription message. The subscription status will automatically update when current period ends.
- 3. Create subscription manually
 - 1. On Freight Container Receiving Management Subscription Setup page, click the **Action** dropdown menu.
 - 2. Click Create Subscription Manually.



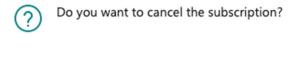


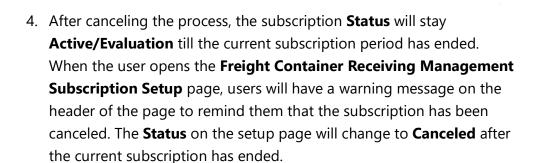
- A new page will be open with browser that links to http://www.apcommerce.com/contact-us/. Please enter contact information and app name in the "Write a Message" text box then clicks Submit. After processing has been completed, the applicant will receive an invoice through e-mail from AP Commerce Inc.
- After payment has been remitted on the invoice, the subscription will be automatically activated, and the **Status** on the **Container** Management Subscription Setup page will be changed into Active.
- 4. Cancel the subscription if using card payment
 - On the Freight Container Receiving Management Subscription
 Setup page, click the Actions dropdown menu.
 - 2. Click Cancel Subscription.





3. Click Yes when confirmation window popups.





Yes



OK

No



User Guide (WITH On the Water Location)

Company place orders from their overseas factories. The overseas factories prepare the shipment and ships the items back to the domestic company in containers. During the shipping to receiving stage, user may encounter challenges using out-of-the-box Business Central process. The Freight Container Management App provides a consolidated solution for procurement user to handle multiple orders and complex processes.

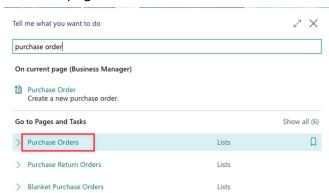
The major features are:

- Receiving multiple orders within one container.
- Record inventory into On the Water Location for FOB transaction.
- Track receiving process with different stages (Departure, Arrival and Final Location) to give user a clearer visibility of the goods.
- Allocate landed cost for multiple orders with flexibility.
- More features will be present in the next released...

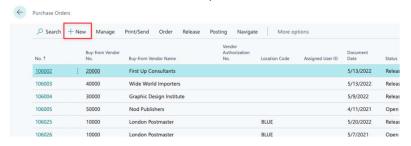
Below are the key process for this app:

1. Setting up purchase order

i. Choose the **2** icon and enter "Purchase Orders" to open the purchase order list page.

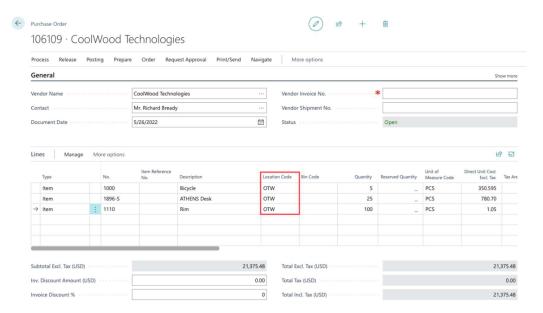


ii. Click on **New** to create a new purchase order.





iii. Select **Vendor Name** and enter **Items** to be purchased. Make sure the fields with start sign be filled properly. The key here is to assign location code which has the **On the Water Location** enabled on the location card, if the purchased items will go to **On the Water/Air Location**.



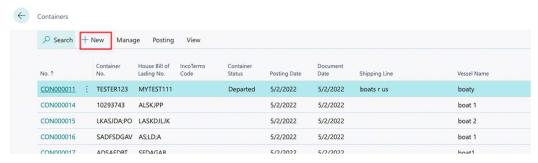
2. Create a Container Document

i. Choose the icon and enter "Container" to open the **Containers** list page.

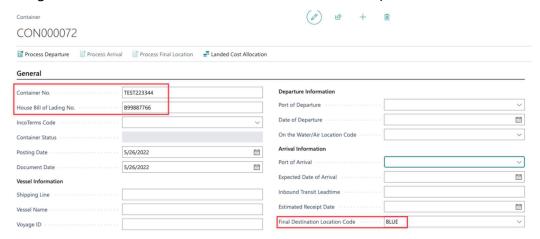


ii. Click on **New** to create a new Container document.



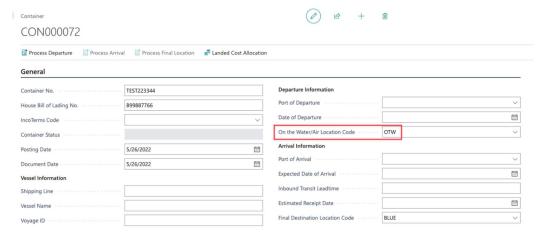


iii. Enter Container No. and House Bill of Lading No. of the shipment.Assign the Final Destination Location Code for the shipment.



3. Specify On the Water location

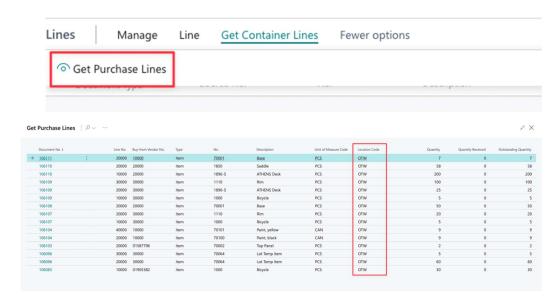
Specify the On the Water/Air Location Code.



4. Get Purchase Lines from PO to match BOL

i. On the Container Line, click on **Get Container Lines** menu and click on **Get Purchase Lines** to open purchase lines that will go to the **On** the **Water/Air location**. This list will display purchase lines for this location that have not been assigned to any Container Documents.



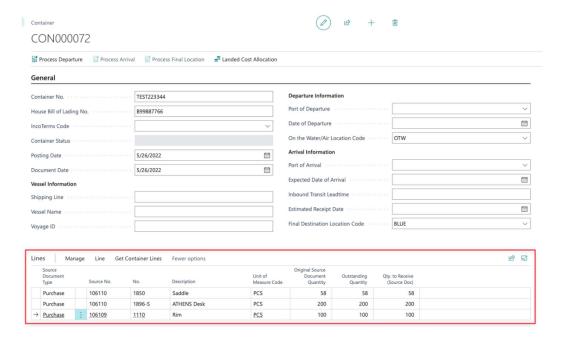


ii. Select purchase lines that should be included in this container based on the shipping document then click on **OK**. This feature allows user to put Items purchased from different vendors into one Container Document.



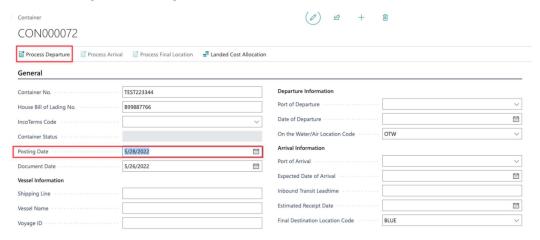
iii. The purchase lines have been imported into the Container Document Line.



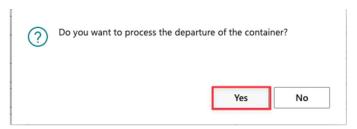


5. Processing Departure

 Enter the **Posting Date** based on vendors' shipping document and click on **Process Departure**. The purchase document will be posted receive using the **Posting Date** on the Container Document.

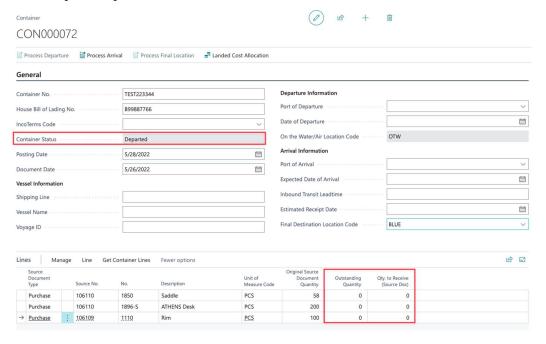


ii. Click on **Yes** to post receive for **all** the quantities on purchase order lines for this Container Document.

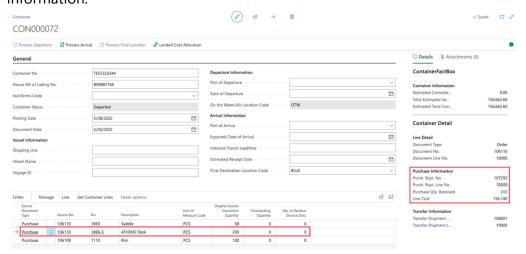




iii. The **Container Status** will be changed to **Departed**. The **Outstanding Quantity** & **Qty. to Receive** (Source Doc) will be 0.

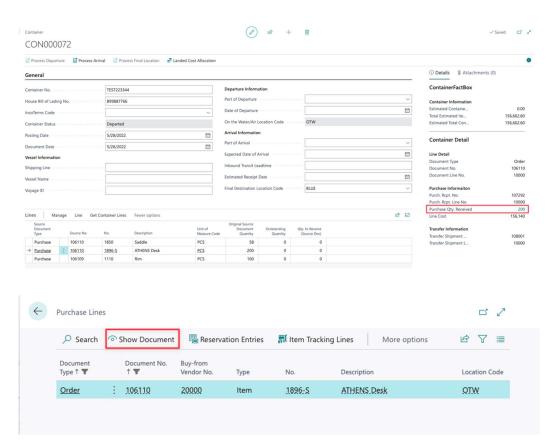


iv. On the right side FactBox of the Container Document, user can view **Purchase Information** section to know the posted purchase receive information.

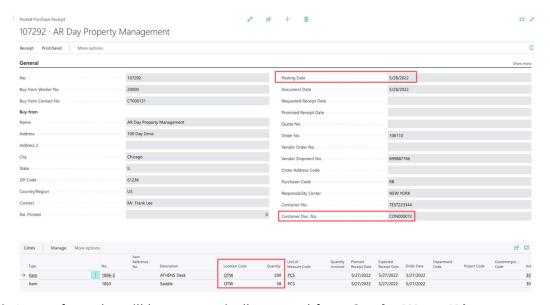


v. Click on the **Purchase Qty. Received** on the Container Document to view the posted purchase document for each item.





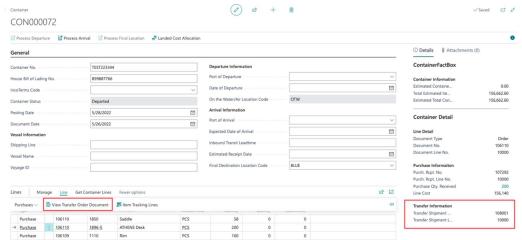
vi. On the posted purchase receipt, user can see the **Posting Date** and **Container Doc. No.** are the same as Container Document. The **Container No.** and **House Bill of Lading No.** on the Container Document will also be brought from the Container Document to the Posted Purchase Document.



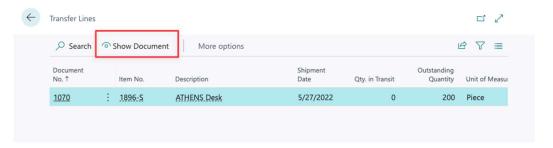
vii. A transfer order will be automatically created from **On the Water/Air**



Location to the **Final Destination Location**. The right side FactBox on the Container Document will display the related Transfer Information. User can open the transfer order by clicking on **View Transfer Order Document** under Container Line menu.

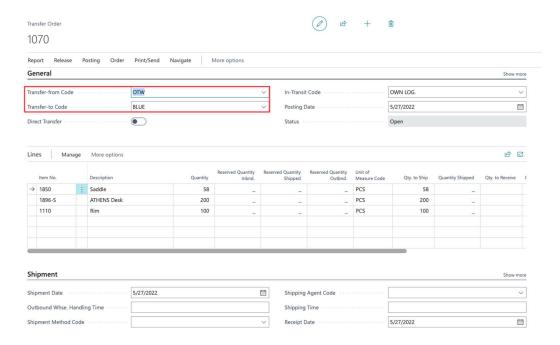


viii. Click on **Show Document** to open the transfer order.



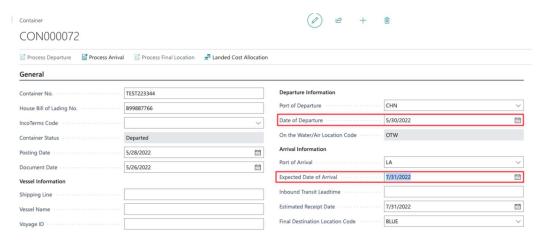
The **Transfer-from Code** will be **On the Water/Air Location Code** on the Container Document and the **Transfer-to Code** will be the **Final Destination Location Code** on the Container Document. The tranfer order will remain open till user proceed to the next status.





6. Update Departure Date and Estimated Arrival Date

When confirming the vessel departure progress, user can update the **Date of Departure** and the **Expected Date of Arrival** on the Container Document.



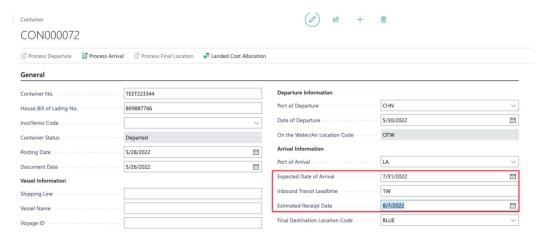
7. Process Arrival

i. Before vessel arrive, user can update the **Expected Date of Arrival** on the Container Document.

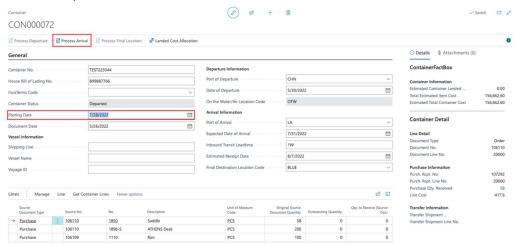
NOTE: If the **On the Water/Air Location Code** is **used** in this Container Document, this is the last chance user can update the Final Destination Location Code.



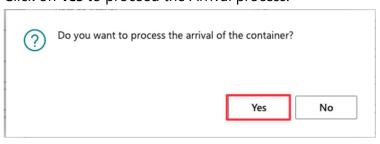
If the **Inbound Transmit Leadtime** is maintained, the **Estimated Receipt Date** will be auto updated based on the expected arrival date and the lead time.



ii. When vessel arrived, update the **Posting Date** on the Container Document, and click on **Process Arrival**.

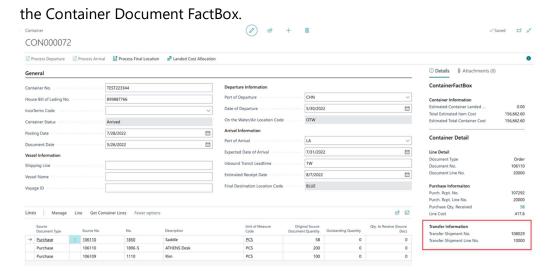


Click on Yes to proceed the Arrival process.



iii. The open transfer order for this Container Document will be posted ship using the **Posting Date** on the Container Document. The inventory will be moved from **On the Water/Air Location** to the **In-Transit Location**. User can view the posted transfer shipment info on

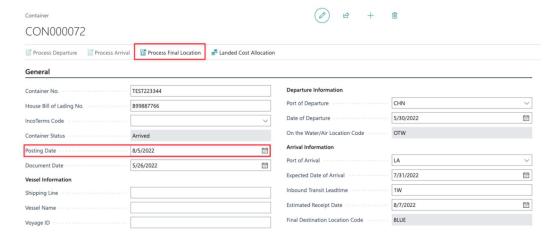




The **Posting Date** of the Posted Transfer Shipment will be the same as the Posting Date on the Container Document that user updated <u>before</u> clicking on the **Process Arrival**.

8. Process Final Destination

 When Container finished custom clearance at the port, user can update the **Posting Date** on the Container Document and click on **Process Final Location**.



Click on Yes to proceed the Post Container Document process.



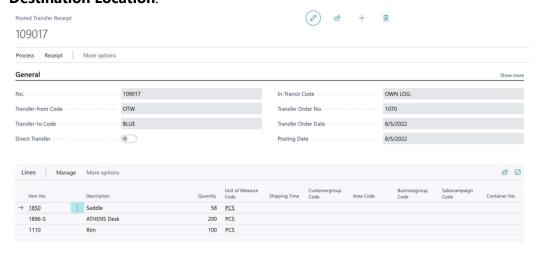
ii. The open transfer order for this Container Document will be posted



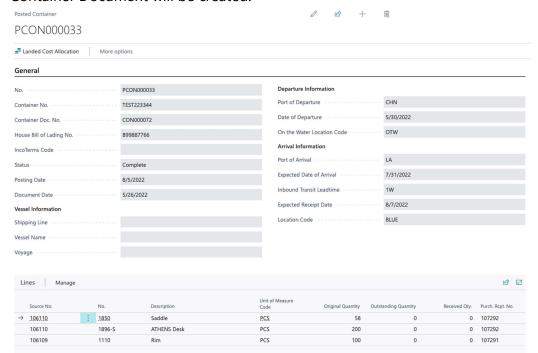
receive using the Posting Date on the Container Document. T



he inventory will be moved from the **In-Transit Location** to the **Final Destination Location**.



iii. The Container Document will be deleted if fully processed. A Posted Container Document will be created.





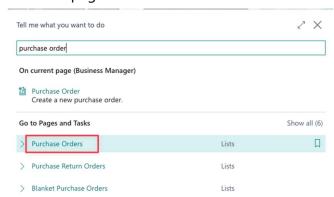
User Guide (WITHOUT On the Water Location)

If the company does not want to track the quantity on the water, the container app can still be used to combine the purchase lines into one container document.

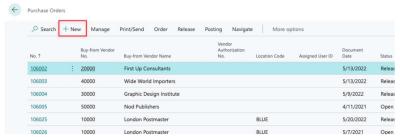
Below are the key process for processing containers WITHOUT using the OTW location:

1. Setting up purchase order

i. Choose the 2 icon and enter "Purchase Orders" to open the purchase order list page.



ii. Click on **New** to create a new purchase order.

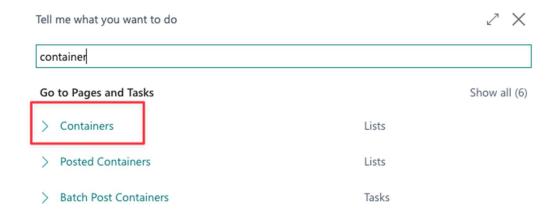


iii. Select **Vendor Name** and enter **Items** to be purchased. Assign location code based on the Final Destination Location Code

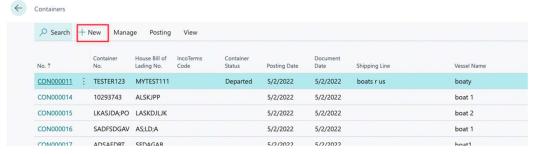
2. Create a Container Document

i. Choose the **D** icon and enter "Container" to open the **Containers** list page.

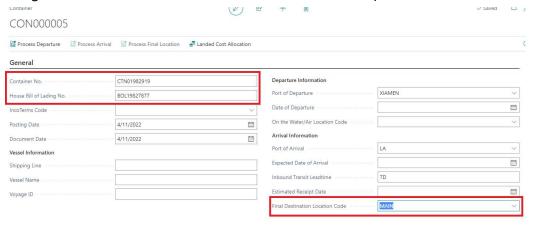




ii. Click on **New** to create a new Container document.



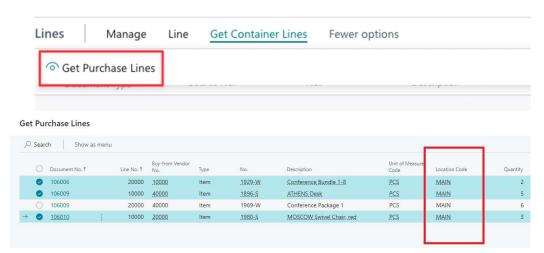
iii. Enter Container No. and House Bill of Lading No. of the shipment.Assign the Final Destination Location Code for the shipment.



3. Get Purchase Lines from PO to match BOL

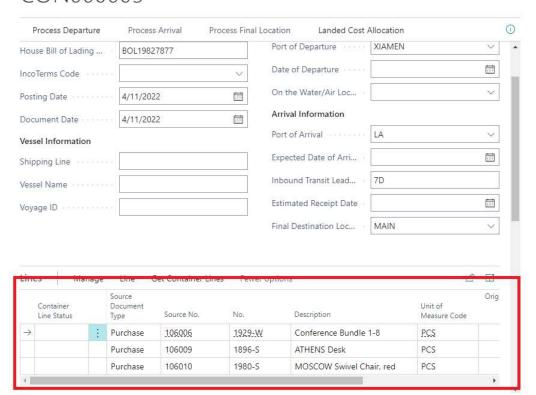
 On the Container Line, click on **Get Container Lines** menu and click on **Get Purchase Lines** to open purchase lines that will go to the **Final Destination Location Code**. This list will display purchase lines for this location that have not been assigned to any Container Documents.





- ii. Select purchase lines that should be included in this container based on the shipping document then click on **OK**. This feature allows user to put Items purchased from different vendors into one Container Document.
- iii. The purchase lines have been imported into the Container Document Line.

CON000005

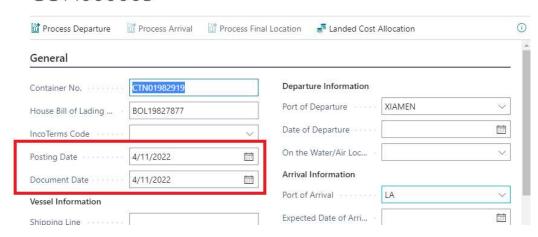




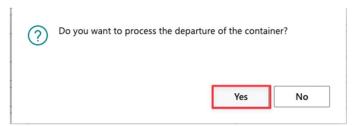
4. Processing Departure

i. Enter the **Posting Date** based on vendors' shipping document and click on **Process Departure**. The purchase document will be posted receive using the **Posting Date** on the Container Document.

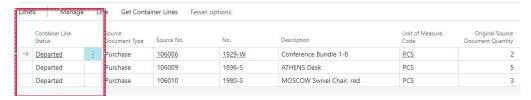
CON00005



 Click on **Yes** to indicate the container has departed its port of departure



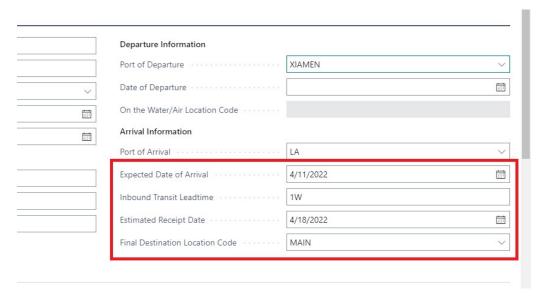
iii. The Container Status will be changed to Departed on the container lines.



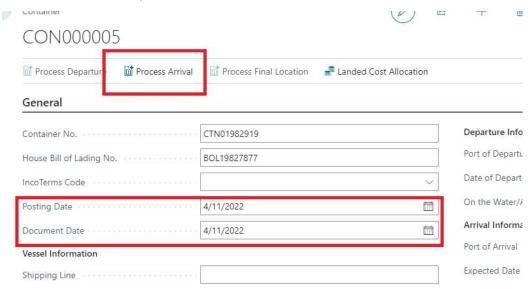
5. Process Arrival

i. Before vessel arrive, user can update the Expected Date of Arrival on the Container Document. If the Inbound Transmit Leadtime is maintained, the Estimated Receipt Date will be auto updated based on the expected arrival date and the lead time.

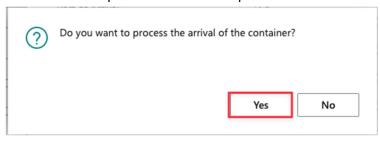




ii. When shipping vessel arrived, update the **Posting Date** on the Container Document, and click on **Process Arrival**.



Click on **Yes** to proceed the Arrival process.

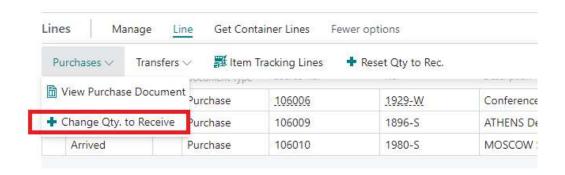


6. Adjusting Quantity

i. Before receiving the container into the final destination, user can



- update the quantity on the Container Document Line.
- ii. If the actual quantity is more than the purchase quantity, user can add quantity by clicking on specific item then select the Line > Purchases
 > Change Qty. to Quantity.



iii. A pop-window will display the purchase line information of the selected item. Enter the additional quantity in the **New Qty. to Receive** then click on **OK**.

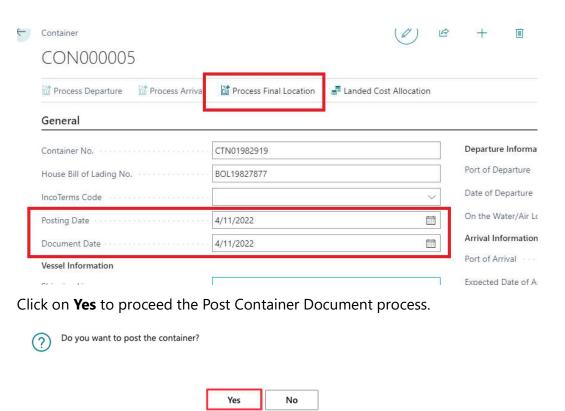


If the quantity is greater the quantity ordered, a new purchase line will be added into the Container Document and the original Purchase Document addressing the additional quantity. If the quantity is less than the quantity ordered, then it will just update the Qty. to Receive on the purchase line

7. Process Final Destination

iv. When the container is received and accounted for, update the **Posting Date** on the Container Document and click on **Process Final Location**. Processing the final destination will post the purchase receipt or generate and post the Warehouse Receipt if Required Receive is enabled on the location card.

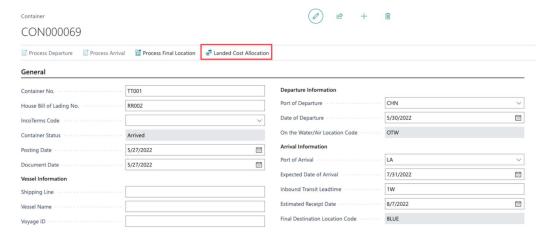




v. The Container Document will be deleted if fully processed. A Posted Container Document will be created.

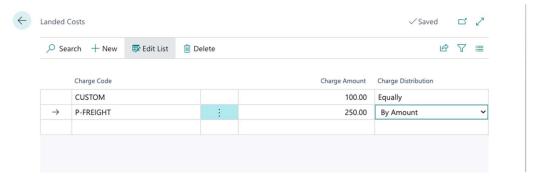
Landed Cost Allocation

1 Before the Container Document is posted, user can record landed cost by clicking on the **Landed Cost Allocatio**n on the Container Document.

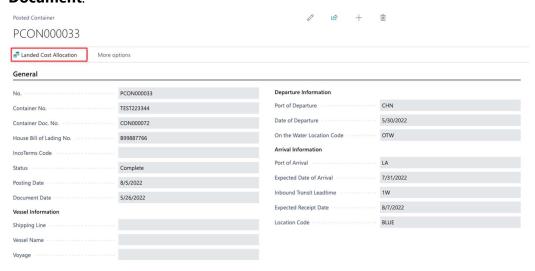




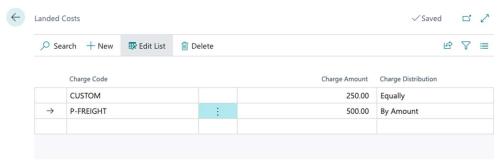
User can enter landed cost separately and specify different allocation methods.



2 After the Container Document is posted, user can record landed cost by clicking on the Landed Cost Allocation on the Posted Container Document.



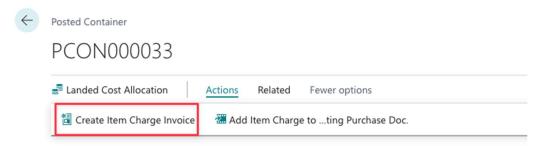
User can enter landed cost separately and specify different allocation methods.



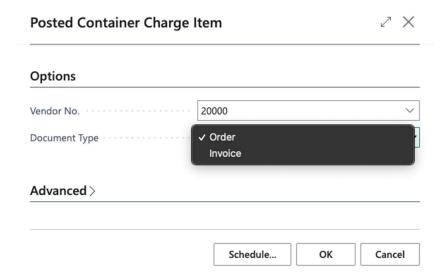
3 Create purchase document from Posted Container Document.
After record the landed cost, click on Action > Create Item Charge
Invoice to generate new purchase document for the landed cost. User can click on Add Item Charge to existing Purchase Doc. If does not want to



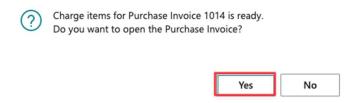
create a new purchase document.



Select the **Vendor No.** and **Document Type** to create the purchase document then click **OK**.

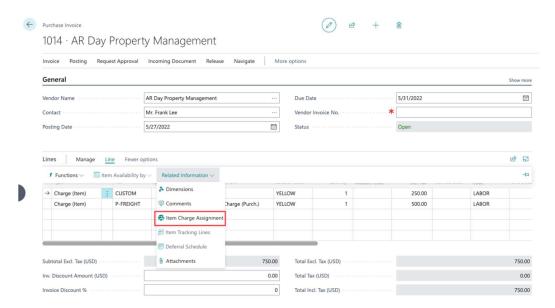


A new purchase document will be created. Click on **Yes** to review the purchase document.



4 Open the purchase document that recorded landed cost, go to **Line** > **Related Information** > **Item Charge Assignment** to view the allocation.





The landed costs have been allocated based on the allocation method specified on the Container Documents.



Adjust the allocation if needed. Then close the Item Charge Assignment window. On the purchase document, click on post to post the landed cost and create the posted purchase invoice.

