



ExtensionsForce

Microsoft
Partner

Logistic Units Management System

for Microsoft Dynamics 365 Business Central

Usage Scenarios



Logistic Units Management System

- Sales
- Add Sales order into existing Logistic Unit
- Post all orders in Logistics Unit
- Tracking Logistic Units
- Transfers
- Setup



Logistics unit is an item of any composition intended for transportation and / or storage, which must be managed through the supply chain. Logistic units take many forms: a single box containing a limited number of products, a pallet with multiple products, or an intermodal container containing multiple pallets.

New Logistic Unit

Release Sales Document and Run New Logistic Unit Wizard
Sales Order >Logistic Units > New Logistic Units

Sales Order

101031 · Adatum Corporation

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

New Logistic Unit Include Logistic Units Print

Create new logistic unit

Customer Name Adatum Corporation Order Date 10/04/2023

Contact Robert Townes Due Date 10/05/2023

Posting Date 10/04/2023 Requested Delivery Date

VAT Date 10/04/2023 External Document No.

Status Open

Lines | Manage Line Order Fewer options

Type	No.	Item Reference No.	Description	Location Code	Quantity	Qty. to Assemble to Order
→ Item	:	1896-S	ATHENS Desk	MAIN	100	

Logistic Units

Unit No. Logistics Posted

(There is nothing to show in this view)

Sell-to Customer Sales History

Customer No. 10000



Logistic Units Management System

Expand Wizard Page to see more fields

General

Customer Name Adatum Corporation

Contact Robert Townes

Posting Date 10/04/2023

VAT Date 10/04/2023

Lines

Manage

Line

Order

Fewer options

Type	No.	Item Reference No.	De
→ Item	1896-S		AT

Subtotal Excl. VAT (GBP)

Inv. Discount Amount Ex...

New Logistic Units Wizard

⚙️

Welcome

Welcome to Create Logistic Units Wizard.

A logistic unit combines individual items or items in shipping containers (palletes, boxes) into single "units" that can be transported together.

The Wizard will create logistic units manually or by the build rules.

Next

Finish

Details

Attachments (0)

Logistic Units

Unit No. Logistics Posted

(There is nothing to show in this view)

Sell-to Customer Sales History

Customer No. 10000

0	0	22
Ongoing Sales Quotes	Ongoing Sales Blanket Orders	Ongoing Sales Orders
2	0	0
Ongoing Sales Invoices	Ongoing Sales Return Orders	Ongoing Sales Credit Memos
45	40	0

On second page of the Wizard, you can select lines of source document and quantities that will be include in new logistic unit.

If any line is to be skipped, set "Selected Quantity" to zero.

New Logistic Units Wizard

⚙️

Next Steps

1. Use the "Auto Build" feature to automatically create logistic units using build rules.

2. Complete the "Selected Quantity" field for the lines to be included in the new logistics unit and click Next button.

Document Lines

Manage

Item No.	Description	Quantity	Selected Quantity	Distributed Quantity	Document Source ID †	Document Source Information	Lot No.	Package No.	Unit of Measure Code	No. of Build Rules
→ 1896-S	⋮ ATHENS Desk	100.00	50.00	0.00	101031	Adatum Corporati...			PCS	0

Auto Build Logistic Units

Back

Next

Finish



Logistic Units Management System

On the third page, you must select the predefined type of logistics unit, which determines the type of packaging and parameters such as size and additional conditions.

If control by weight or volume is activated for the selected type of logistic unit, then when choosing a type, the system will warn about a possible excess.

Select: **EUR Pallet** and click **Create**

New Logistic Units Wizard



Weight (kg) 1,989.5 exceeds the weight limit of "Pallet EU", which is 1,500

Volume (m³) 60

Select Logistic Unit Type

Unit Type PALEUR

Description Pallet EU

Weight Limit (kg) 1,500.00

Volume Limit (m³)

Limit control warning!

Logistic Unit Types

Code ↑	Description	Limit Filling Volume Control	Limit Filling Weight Control
P40X40	Pallet 40 x 40	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P40X42	Pallet 40 x 42	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P40X48	Pallet 40 x 48 Falserth American Standard (GMA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P42X42	Pallet 42 x 42	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P43X43	Pallet 43.30 x 43.30	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P44X44	Pallet 44 x 44	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P45X45	Pallet 45.9 x 45.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P48X20	Pallet 48 x 20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P48X36	Pallet 48 x 36	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P48X40	Pallet 48 x 40	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P48X45	Pallet 48 x 45	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P48X48	Pallet 48 x 48	<input type="checkbox"/>	<input checked="" type="checkbox"/>
→ PALEUR	Pallet EU	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PALEUR.H	EU Pallet (Half the size of a EUR pallet)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PALEUR.R	EU Pallet (Width and length rotated)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PAL.SDT	Pallet Standard	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OK

Cancel

Create Finish



Logistic Units Management System

System will show the created logistic unit number.

New Logistic Units Wizard



Done!

Units has been created. Click Finish to close wizard.

Created Logistic Unit 0001500



Press **Assist Button** to view created logistic unit card.

New Logistic Units Wizard



Done!

Units has been created. Click Finish to close wizard.

Created Logistic Unit 0001500



Edit - Logistic Unit - 0001500



Manage Home Print History Page

General

Show more

No. 0001500 SSCC
Description Pallet EU LU Location Code OPEN
Type Code PALEUR

Lines Manage Line Fewer options



Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity	Inventory Quantity	Gross Weight (kg)
→ Item	1896-S	ATHENS Desk	50.00	PCS	-50.00	0.00	1,989.5

Logistics >

MAIN

Documents

Manage



Source Name	Source ID ↑	Lot No. ↑	Weight (Base)	Volume (Base)
→ Sales Order	101031		1,989.5	60

Close

Create New

Finish



Logistic Units Management System

After close wizard system update Logistic Units Fact box to view all logistic units that assigned to document.

Sales Order

101031 · Adatum Corporation

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

General Show more

Customer Name Adatum Corporation Due Date 10/05/2023

Contact Robert Townes Requested Delivery Date

Posting Date 10/04/2023 External Document No.

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Lines	Manage	Line	Order	Fewer options		
Type	No.	Item Reference No.	Description	Location Code	Quantity	Qty. to Assemble to Order
→ Item	:	1896-S	ATHENS Desk	MAIN	100	-

Logistic Units Details Attachments (0)

Unit No.	Logistics	Posted
0001500	Outbound	<input type="checkbox"/>

Sell-to Customer Sales History

Customer No. 10000

Ongoing Sales Quotes	Ongoing Sales Blanket Orders	Ongoing Sales Orders
0	0	22

Once an item is tied to a logistic unit, posting can only be done **only** by the logistic unit.

An attempt to post without selecting a logistic unit will return an error.

Sales Order

101031 · Adatum Corporation

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

General Show more

Customer Name Adatum Corporation Due Date 10/05/2023

Contact Robert Townes Requested Delivery Date

Posting Date 10/04/2023 External Document No.

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Lines	Manage	Line	Order	Fewer options		
Type	No.	Item Reference No.	Description	Location Code	Quantity	Qty. to Assemble to Order
→ Item	:	1896-S	ATHENS Desk	MAIN	100	-

Error Messages

Search Open Related Record

Message Type ↑	Description	Context	Context Field Name
Error	If a document line is linked to a logistic unit, the posting must be done by...	Sales Line: Or...	



Logistic Units Management System

Post

To Post order you need to select Home > Post > **Post by Logistic Unit** in main menu.

The screenshot shows the 'Sales Order' interface for '101031 · Adatum Corporation'. The top navigation bar includes 'Home', 'Prepare', 'Print/Send', 'Request Approval', 'Order', 'Logistic Units', 'Actions', 'Related', 'Automate', and 'Fewer options'. The 'Logistic Units' dropdown menu is open, showing options: 'Post...', 'Post by Logistic Units' (highlighted), 'Post and Send...', 'Preview Posting', 'Pro Forma Invoice...', and 'Post and New...'. The main content area displays order details for 'Adatum Corporation' and 'Robert Townes', including dates and status. A table shows order lines with columns: Type, No., Item Reference No., Description, Location Code, Quantity, and Qty. to Assemble to Order. The first line is 'Item' with quantity 100. On the right, there is a 'Logistic Units' table with columns 'Unit No.', 'Logistics', and 'Posted'. The first row shows '0001500' with 'Outbound' logistics and a checkbox for 'Posted'. Below this is a 'Sell-to Customer Sales History' section with a 'Customer No.' of 10000.

On the opened page, choose one or more logistic units and click "**OK**".

The screenshot shows the 'Sales Order' interface for '101031 · Adatum Corporation' with the 'Logistic Unit Select' dialog box open. The dialog box has a title bar 'Logistic Unit Select' and a search icon. It contains a table with columns: 'Unit No. ↑', 'Description', 'Volume', 'Weight', 'Source Name', 'Source ID ↑', and 'Customer/Vendor N'. The first row is highlighted and shows '0001500', 'Pallet EU', '60.00', '1,989.50', 'Sales Order', '101031', and 'Adatum Corpora'. The background interface shows the 'General' section with fields for 'Customer Name', 'Contact', 'Posting Date', 'VAT Date', and 'Order Date'. The 'Logistic Units' table from the previous screenshot is also visible in the background.



Logistic Units Management System

Choose the posting type and press **OK**.

Sales Order

101031 · Adatum Corporation

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

General Show more

Customer Name Adatum Corporation Due Date 10/05/2023

Contact Robert Townes Requested Delivery Date

Posting Date 10/04/2023 External Document No.

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Lines Manage Line Order Fewer options

Type	No.	Item Reference No.	Description
→ Item	1896-S		ATHENS

Logistic Units Details Attachments (0)

Unit No.	Logistics	Posted
0001500	Outbound	<input type="checkbox"/>

Sell-to Customer Sales History

Customer No. 10000

0	0	22
---	---	----

Posting Type Selection

☒ Ship

☐ Invoice

☐ Ship and Invoice

OK Cancel

After post logistic unit will change parameters



Logistic Units Management System

Changes in logistic unit after posting

Location = availability for the next logistics processes

Logistic Unit

0001500

Home

Print

History

Automate

Fewer options

General

Show more

No.

0001500

SSCC

...

Description

Pallet EU

LU Location Code

OUTSIDE

Type Code

PALEUR

Lines

Manage

Line

Fewer options

Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity	Inventory Quantity	Gross Weight
→ Item	1896-S	ATHENS Desk	50.00	PCS	-50.00	-50.00	1,98

Logistics

MAIN

Documents

Manage

Source Name	Source ID ↑	Lot No. ↑	Weight (Base)	Volume (Base)
Sales Order	101031		1,989.5	60
→ Posted Sales Shipment	102230		1,989.5	60

History of the posted documents.
This section contains full
information about supply chain by
logistic unit.

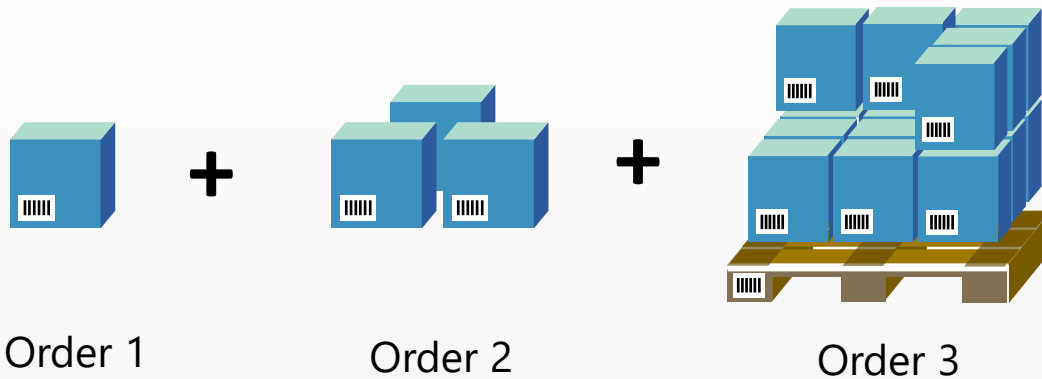
Remaining Qty. by Logistic unit



Logistic Units Management System

Add Sales order into existing Logistic Unit

For sales and purchase orders there is a feature to add items to the logistic unit that have already has another orders.



To add items of the sales order **Release** document and press **Logistic Units > Add to Logistic Unit** in main menu

Sales Order

101032 · Trey Research

Home

Prepare

Print/Send

Request Approval

Order

Logistic Units

Actions

Related

Automate

Fewer options

New Logistic Unit

New Logistic Unit

Add To Logistics Unit

Trey Research

Helen Ray

10/04/2023

10/04/2023

Order Date

Due Date

Requested Delivery Date

External Document No.

Status

10/04/2023

24/04/2023

Released

Logistic Units

Unit No.

Logistics

Posted

(There is nothing to show in this view)

Sell-to Customer Sales History

Customer No.

20000

1

0

2

Ongoing Sales Quotes

Ongoing Sales Blanket Orders

Ongoing Sales Orders

1

0

0

Ongoing Sales Invoices

Ongoing Sales Return Orders

Ongoing Sales Credit Memos

51

51

0

Posted Sales

Posted Sales

Posted Sales

Lines

Manage

Line

Order

Fewer options

Type	No.	Item Reference No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserve
→ Item	1929-W		Conference Bundle 1-8	MAIN	20		

Subtotal Excl. VAT (GBP)

3,034.00

Total Excl. VAT (GBP)

3,034.00

Inv. Discount Amount Excl...

0.00

Total VAT (GBP)

606.80

Invoice Discount %

0

Total Incl. VAT (GBP)

3,640.80



Logistic Units Management System

In Wizard on second step select the logistic unit.

←

Sales Order

101032 · Trey Research

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

General

Customer Name Trey Research

Contact Helen Ray

Posting Date 10/04/2023

VAT Date 10/04/2023

Lines

Manage Line Order Fewer options

Type	No.	Item Reference No.	Description
→ Item			

Subtotal Excl. VAT (

Inv. Discount Amou

Invoice Discount 82

ⓘ Details

Attachments (0)

Logistic Units

Unit No. Logistics Posted

(There is nothing to show in this view)

Sell-to Customer Sales History

Customer No. 20000

Add To Logistic Unit Wizard

⌕ ✕

⚙

Select Logistic Unit

Unit No.

Logistic Unit Select

⌕ ⌵ ⋮

⌕ ✕

Unit No. ↑	Description	Volume	Weight	Source Name	Sou
0001410	Pallet EU	2.40	79.58	New	▲
0001411	Pallet EU	2.40	79.58	New	
0001412	Pallet EU	3.60	119.37	New	
0001492	Pallet EU	221.40	7,719.38	Purchase Order	
0001493	Pallet EU	96.00	3,183.20	Sales Order	
0001493	Pallet EU	96.00	3,183.20	Sales Order	
0001493	Pallet EU	96.00	3,183.20	Sales Order	
0001494	Pallet EU	12.00	397.90	New	
0001495	Pallet EU	24.00	795.80	New	
0001496	Pallet EU	24.00	795.80	New	
0001497	Pallet EU	24.00	795.80	New	
0001498	Pallet EU	24.00	795.80	New	
B-D-000001	DHL Sizes - Box 6	9.60	318.32	Sales Order	
B-D-000002	DHL Sizes - Box 2	3.60	119.37	Sales Order	
B-D-000003	DHL Sizes - Box 6	8.40	278.53	New	
→ MSKU2619...	20' Dry freight container	120.00	3,979.00	New	▼

⏪ ⏩

OK

Cancel



Logistic Units Management System

In the third step, you can select lines and quantities for this logistic unit. You can place some items in one and others in another logistics unit.

Press **Add** button to finish the process.

Add To Logistic Unit Wizard



Document Lines		Manage								
Document Source ID ↑	Document Source Information	Item No.	Description	Lot No.	Package No.	Quantity	Unit of Measure Code	Distributed Quantity	Selected Quantity	
→ 101032	Trey Research	1929-W	Conference Bundle 1-8			20.00	PCS	0.00	20.00	

Back Add Finish



Sales Order



✓ Saved



101032 · Trey Research

Home Prepare Print/Send Request Approval Order Logistic Units Actions Related Automate Fewer options

General

Show more

Customer Name	Trey Research	Order Date	10/04/2023
Contact	Helen Ray	Due Date	24/04/2023
Posting Date	10/04/2023	Requested Delivery Date	
VAT Date	10/04/2023	External Document No.	
		Status	Released

Lines Manage Line Order Fewer options

Type	No.	Item Reference No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserve
→ Item	1929-W		Conference Bundle 1-8	MAIN	20		

Details

Attachments (0)

Logistic Units

Unit No.	Logistics	Posted
MSKU261955	Outbound	<input type="checkbox"/>

Sell-to Customer Sales History

Customer No. 20000

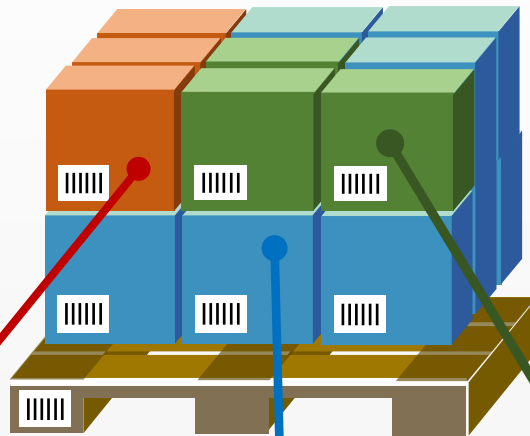
1 0 2



Logistic Units Management System

Post all orders in Logistics Unit

The Logistic Units Management System makes it easy to post documents that contain items in this unit.



Order 1

Order 2

Order 3

The image displays three overlapping screenshots of the Logistic Units Management System interface, each showing a 'Sales Order' form for a different customer. The forms are titled '101025 · Adatum Corporation', '101026 · Adatum Corporation', and '101027 · Trey Research'. Each form has a 'General' tab and a 'Logistic Units' tab. The 'Logistic Units' tab shows a table with columns for 'Unit No.', 'Logistics', and 'Posted'. The 'Logistics' column has a dropdown menu with 'Outbound' selected. The 'Posted' column has a checkbox. The 'Status' field is set to 'Released'. The 'Logistic Units' tab also shows a 'Details' section with 'Attachments (0)'. The 'Logistic Units' tab is highlighted in blue in the first two screenshots and in green in the third screenshot. The 'Logistic Units' tab is also highlighted in blue in the first two screenshots and in green in the third screenshot.

Unit No.	Logistics	Posted
0001493	Outbound	<input type="checkbox"/>

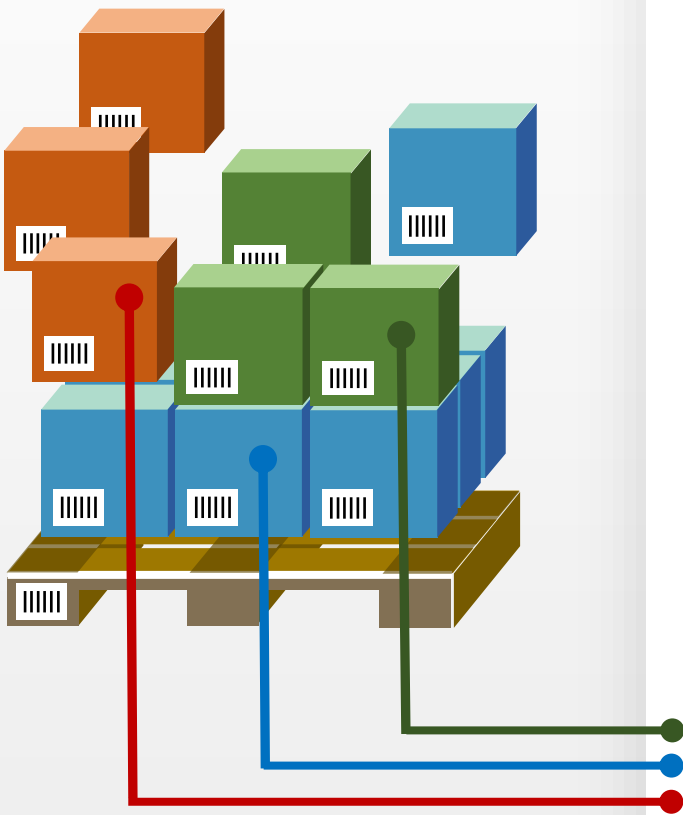


Logistic Units Management System

To post linked shipment documents open Logistic Unit Card and press Post Documents > **Post Sales Documents By Logistic Unit**.

System will post all orders included in Logistic Unit.

Logistic Unit
0001493



Logistic Unit
0001493

Home Print History Automate Fewer options

Create SSCC Archive Logistic Unit Post Documents Unit Worksheet Tracking

Description Pallet EU
Type Code PALEUR

Post Purchase Documents by Logistic Unit
Post Sale Documents by Logistic Unit

Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity	Inventory Quantity
Item	1896-S	ATHENS Desk	10.00	PCS	-10.00	0.00
Item	1896-S	ATHENS Desk	20.00	PCS	-20.00	0.00
Item	1896-S	ATHENS Desk	50.00	PCS	-50.00	0.00

Logistics >

Source Name	Source ID ↑	Lot No. ↑	Weight (Base)	Volume
Sales Order	101025		397.9	
Sales Order	101026		795.8	
→ Sales Order	101027		1,989.5	

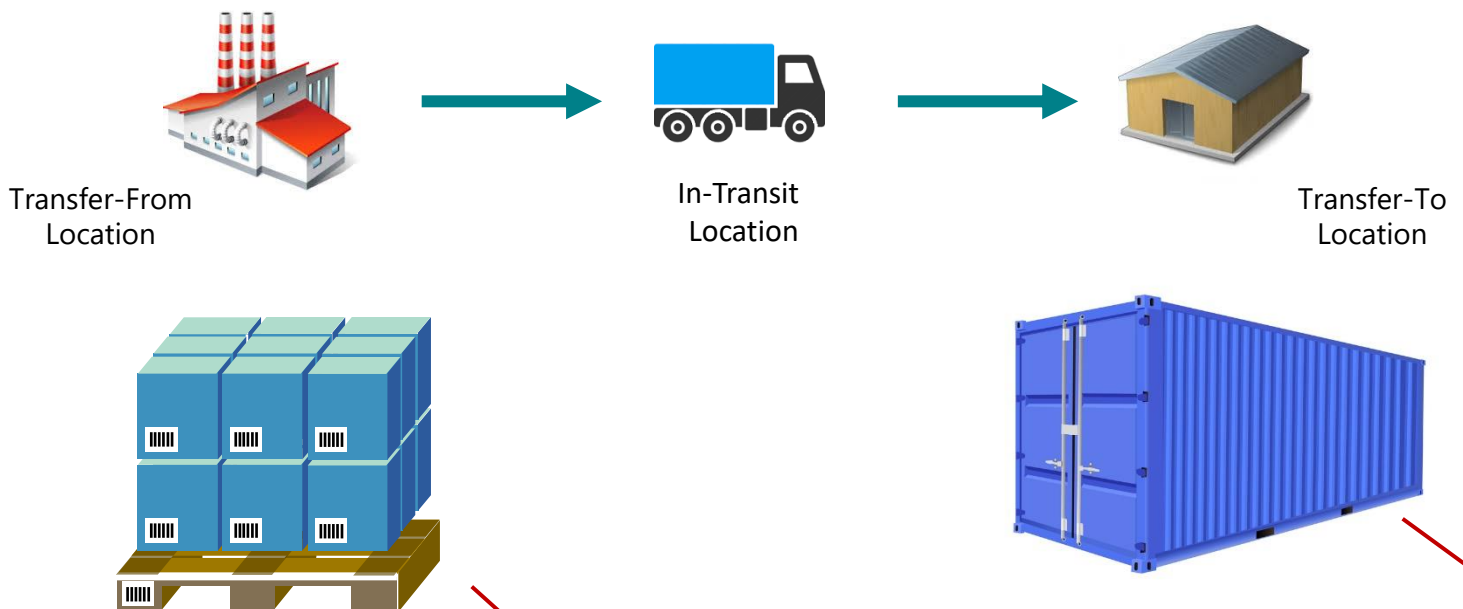
*It's a great tool for managing containers for purchase orders.



Logistic Units Management System

Transfer Orders

Process managing logistic units in transfer order like sales and purchase order. Besides there is availability to split shipment process and receipt process. The system allows you to specify different types for shipment and receipt, or not specify for one of the processes and work simply with goods..



Transfer Order

1034

Home

Prepare

Print/Send

Order

Logistic Units

Related

Reports

Automate

Fewer options

New Logistic Unit

Include

Logistic Units

Print

General

Transfer-from CodeMAIN

Transfer-to CodeNORTH

Direct Transfer

In-Transit CodeOUT. LOG.

Posting Date10/04/2023

StatusReleased

Lines

Manage

Functions

Line

Fewer options

Item No.	Description	Quantity	Reserved Quantity Inbnd.	Reserved Quantity Shipped	Reserved Quantity Outbnd.	Unit Meas
→ 1896-S	ATHENS Desk	100	-	-	-	PCS

Details

Attachments (0)

Logistic Units

Unit No.	Logistics	Posted
0001495	Outbound	<input type="checkbox"/>
0001496	Outbound	<input type="checkbox"/>
0001497	Outbound	<input type="checkbox"/>
0001498	Outbound	<input type="checkbox"/>
MSKU261955	Inbound	<input type="checkbox"/>



Logistic Units Management System

Settings

To run initiate Logistic Unit Management System, go to **Assisted Setup** page and find Logistic Units line.

ics 365 Business Central

CRONUS UK Ltd.

Finance

Cash Management

Sales

Purchasing

Shopify

Customers

Vendors

Items

Logistic Units

Bank Accounts

Chart of Accounts

AL Test Tool

Posted Logistic Units

Warehouse Receipts

More

insight from last week

The largest
invoice wa

0 0 0 0 0

Get started: Here are a

activities

ales This Month

£15,106

See more

ngoing Sales

Sales Quotes

2

Sales Orders

27

Actions



Assisted Setup



Search Actions



Title

Compl...

Learn
more

Translated Name

Description

Set up a bank statement file i...



—

Set up a bank statement file imp...

Set up a bank statement file i...

Invite your external accountan...



Read

Invite your external accountant t...

Send a link to your external a...



Connect with other systems



—

—

Set up a connection to Dyna...



Read

Set up a connection to Dynamics...

Connect your Dynamics 365 s...

Connect your shop and impor...



—

Connect your shop and import d...

Check out how easy it is to se...

Set up a connection to Dative...



Read

Set up a connection to Dative...

Connect to Dative for bett...

Connect your files to the cloud



Read

Connect your files to the cloud

Configure which features can...



Do more with Business Central



—

—

Excel Add-in Centralised Depl...



Read

Excel Add-in Centralised Deploy...

Deploy the Excel add-in for sp...

Configure the Cash Flow Fore...



Read

Configure the Cash Flow Forecas...

Specify the accounts to use fo...

Outlook Add-in Centralised D...



Read

Outlook Add-in Centralised Depl...

Deploy Outlook add-in for sp...

Teams App Centralised Deplo...



Read

Teams App Centralised Deploy...

Deploy the Business Central a...

Set up the Image Analyser



—

Set up the Image Analyser

The Image Analyser extension...

Set Up Time Sheets



Read

Set Up Time Sheets

Track the time used on jobs, r...



Set up approval workflows



—

—

Set up approval workflows



Read

Set up approval workflows

Create approval workflows th...

Set up email logging



Read

Set up email logging

Track email exchanges betwe...

Set up an approval workflow t...



—

Set up an approval workflow to ...

Create approval workflows th...

Set up a customer approval w...



—

Set up a customer approval work...

Create approval workflows th...

Set up an approval workflow t...



—

Set up an approval workflow to ...

Create approval workflows th...



Set Up Extended Security



—

—

Set up field monitoring



Read

Set up field monitoring

You can monitor important fie...



Logistic Units



—

—

Setup Logistic Units Module



Read

Setup Logistic Units Module

Provide basic settings of the L...



Logistic Units Management System

In opened **Assisted Setup** page click **Next** to specify base units of measure. Base Units of Measure define the system of units that will be used to calculate weight, volume, and other parameters. You can use imperial or metric system units, but must match the system in which you set the weight or volume in Business Central.

Assisted Setup

Welcome to Logistics Units System

Logistics Units Module provides a powerful tool to manage the supply chain and ensure that your goods are transported and stored safely and efficiently. The module makes it easy to track and manage single boxes, pallets, and intermodal containers containing multiple products. With this comprehensive solution, you can ensure the seamless and cost-effective tra

Assisted Setup



Select Base Units of Measure

The values of the other units of measure will be converted into the base unit of measure.

Base Weight Unit of Measure	KG
Base Volume Unit of Measure	M3
Base Linear Unit of Measure	M
Base Distance Unit of Measure	KM

Back

Next

Finish



Logistic Units Management System

Click **Next** define number for labels of the logistic units

The SSCC is used to identify an individual logistic unit. A logistic unit can be any combination of units put together for transport and/or storage where the specific unit load needs to be managed throughout the supply chain.

SSCC consist of two elements

- **Global Company Prefix** - A globally unique number assigned to a GS1 member company
- **Serial Reference** - The number allocated to identify a logistic unit. This number will be generated by number series of the Business Central

Assisted Setup

SSCC

The Serial Shipping Container Code can be used by companies to identify a logistic unit, which can be any combination of trade items packaged together for storage and/or transport purposes; for example a case, pallet or parcel.

The Global Company Prefix (GCP) is a unique, globally recognized identification number assigned to each company by GS1. It is used to identify and track products, services, and locations through the GS1 System of Standards.

Global Company Prefix 931234567

The serial reference component of the SSCC provides virtually unlimited number capacity, simplifying number allocation and guaranteeing unique identification.

SSCC Nos. SSCC

Back

Next

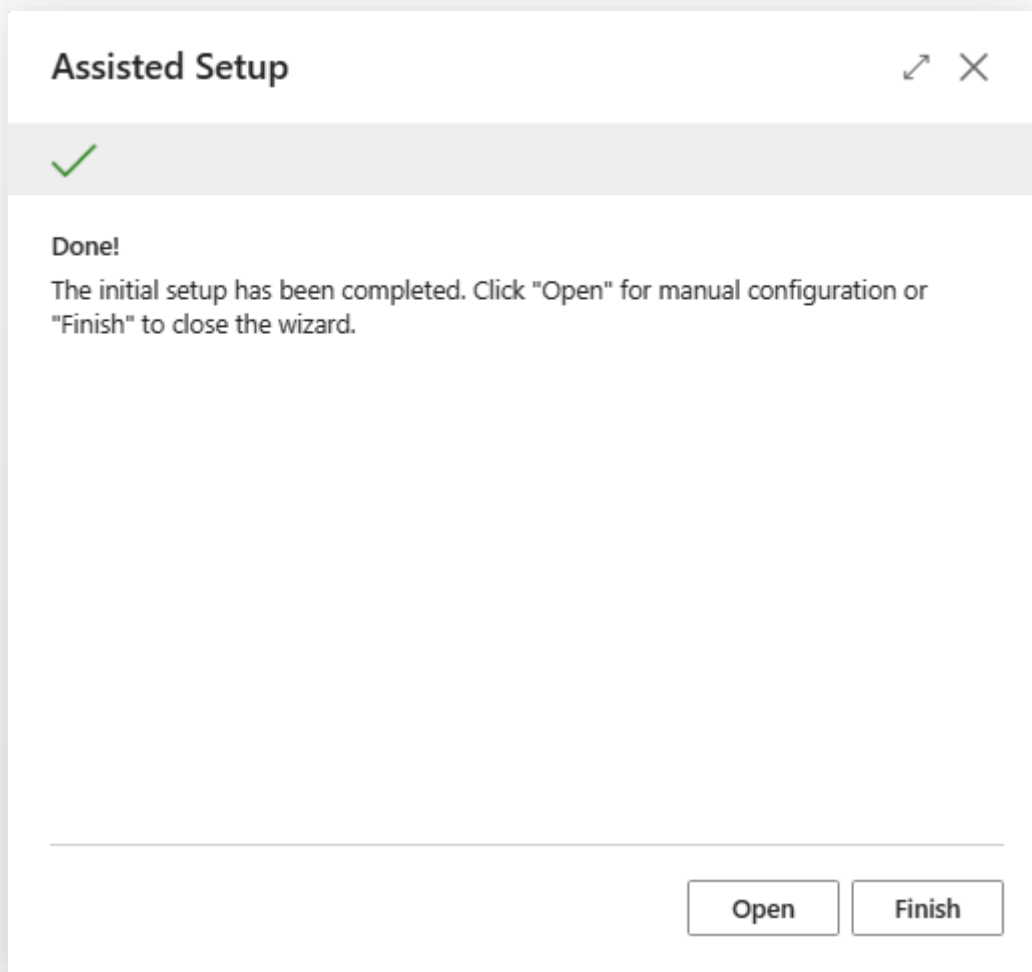
Finish



Logistic Units Management System

Click **Next** to finish the process.

The initial configuration of the module is completed. You can get started or click **Open** and configure advanced settings.





Logistic Units Management System

Manual Setup

The screenshot displays the 'Logistic Units Setup' interface. At the top, there's a navigation bar with a back arrow, the title 'Logistic Units Setup', and icons for edit, share, add, and delete. A status bar on the right shows '✓ Saved' and a refresh icon. Below the title, there's a 'Settings' section with a dropdown menu currently set to 'Automate', and a link for 'Fewer options'. A horizontal menu lists several setup categories: 'Actions Setup', 'Logistic Unit Types', 'SSCC Default Identifier', 'Unit Locations', 'Tracking Setup' (with a dropdown arrow), and a gear icon for more settings. The main content area is divided into three sections: 1. 'Number Series' with a 'Unit Nos.' dropdown menu. 2. 'SSCC - Serial Shipping Container Codes' containing a 'Global Company Prefix' field with the value '931234567', an 'SSCC Nos.' dropdown menu with the value 'SSCC', and an 'SSCC Check Digit' toggle switch that is turned on. 3. 'Units of Measure' with four dropdown menus: 'Base Weight Unit of ...' set to 'KG', 'Base Linear Unit of M...' set to 'M', 'Base Volume Unit of ...' set to 'M3', and 'Base Distance Unit of ...' set to 'KM'.

Action Setup – List of activities that can be logged for a logistic unit automatically or via worksheets.

Logistic Unit Type – define the parameters and settings of the main used types of logistics units in the company. These can be containers, pallets or boxes.

SSCC Default Identifiers – list of values that will be print on SSCC label by default.

Unit Locations – Logistic Unit locations that specifies availability of the logistic unit for inbound or outbound logistics processes.

Tracking Setup – Connection control Wizard for shipment tracking services.



Logistic Units Management System

Actions

← Logistic Unit Registration Actions

✓ Saved

🔖 📄 ↗

🔍 Search + New Edit List Delete

🔗 🔍 ☰

Code ↑	Description	Create	Post	Purc...	Ware... Recei...	Ware... Put- away	Sale	Ware... Ship...	Ware... Pickup
→ ARCHIVE	Transfer logistic unit to archive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CREATE	Create logistic unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MAINTANCE	Maintance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PICKUP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PURCHASE	Post Purchase order	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PUTAWAY		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RECEIPT	Post warehouse receipt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SALE	Post sales order	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SHIPMENT		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Actions are events which are recorded in a logistic unit's log entries when certain activities are completed. Through this window, users can set up the specific actions which will be registered in the log automatically or create manual registered codes.

Registration of an action with a logistic unit in manual mode is carried out through a **Units Worksheet** available in the logistic unit card.

← Logistic Unit

✎ 🔗 + 🗑

✓ Saved

🔖 📄 ↗

0000010

Home Print History Automate ▾ Fewer options

Create SSCC Archive Logistic Unit Post Documents ▾ Unit Worksheet Tracking

No. 0000010

SSCC 93123456700000025

Description 40' High Cube Reefer container

Tracking No. 0787787807



Logistic Units Management System

Logistic Unit Types

Logistic Unit Type is a class a Logistic Unit belongs to. For example, it might be box, pallet, container, truck or any other abstract kind of logistic unit one could imagine.

Logistic Unit Type is an attribute of a Logistic Unit that must be determined when Logistic Unit is being created.

Click **Code** to open Card.

Logistic Unit Types				
Search + New Manage				
Code ↑	Description		Limit Filling Volume Control	Limit Filling Weight Control
C20CFRC	⋮	20' Collapsible Flat Rack container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C20DC		20' Dry freight container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C20FRC		20' Flat Rack container	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C20OSOPC		20' Open Side/Open Top container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C20OTC		20' Open Top container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C20RC		20' Reefer container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C40CFRC		40' Collapsible Flat Rack container	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C40DC		40' Dry freight container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C40FRC		40' Flat Rack container	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C40HCDC		40' High Cube Dry container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C40HCRC		40' High Cube Reefer container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C40OTC		40' Open Top container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C40RC		40' Reefer container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C45HCDC		45' High Cube Dry container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C45HCRC		45' High Cube Reefer container	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CAT		Artificial Tweendeck	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DHL.BOX.2		DHL Sizes - Box 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DHL.BOX.3		DHL Sizes - Box 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DHL.BOX.4		DHL Sizes - Box 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Logistic Units Management System

No. Series – Number series that will be used to create a new logistic unit of this type.

Reusable – specifies the default settings that new logistic unit will have Reusable parameter. Term Reusable defines a physically existing logistic unit, like fixed asset and during the archiving of a logistic unit, the system will transfer all lines, records, and references to the archive, but the logistic unit will not be deleted.

Automatic SSCC Creation - Allows you to automatically create a new SSCC label after creating new logistics units and assigning them an SSCC.

Units of Measure Tab – set up type of units of measure for this type. System can work in metrical system units, but for this logistic unit type weight, sizes and other parameters can be set up in imperial system units.

Sizes Tab – setting set to specify inner and external size of the logistic unit. It's possible to enable volume control. If during the creation of a logistic unit there will be an excess of the volume, the system will warn about it.



Logistic Units Management System

Weight

Tare Weight (kg)	<input type="text" value="2,970.00"/>	Max Weight (kg)	<input type="text" value="30,000.00"/>
Payload Weight (kg)	<input type="text" value="27,030.00"/>	Limit Filling Weight (...)	<input type="text" value="27,030.00"/>
		Limit Filling Weight C...	<input checked="" type="checkbox"/>

Content Control

Temperature Control	<input type="checkbox"/>	Mix Source Documen...	<input type="checkbox"/>
Def. Temperature	<input type="text" value="0.00"/>	Mix Location/Bin Allo...	<input type="checkbox"/>
Ventilation	<input type="checkbox"/>		

Weight Tab – setting set to specify and control weight parameters. If during the creation of a logistic unit there will be overweight, the system will warn about it.

Content Control Tab

Mix source Document Allowed – enable system place on logistic unit content on different customers or vendors.

Mix Location/Bin Allowed – enable place on logistic unit content of documents with different location code in lines. It can be useful for containers.

Temperature Control,

Def. Temperature,

Ventilation – set information for print form to inform driver about special conditions.



Logistic Units Management System

SSCC Default identifiers

SSCC Default Identifiers are default lines for new SSCC. This lines define a content or structure of information and barcode type to show this information on label.

To print SSCC label you need to customize SSCC Label template in Word.

SSCC - Default Identifiers

✓ Saved

Search + New Edit List Delete

Identifier ↑	Description	Value	Barcode Place	Barcode Type	Label Text
00	Serial Shipping Container Cod...		Barcode 1	1D - Code-...	Label Text 1
01	Global Trade Item Number (GT...		Barcode 2	1D - Code-...	Label Text 2
10	Batch or lot number		Barcode 2	1D - Code-...	Label Text 4
13	Packaging date (YYMMDD)		Barcode 3	1D - EAN-13	Label Text 3
→ 37	Count of trade items or trade i...		Barcode 3	1D - Code-...	Label Text 3

CRONUS UK Ltd.
7122 South Ashford Street

cronus

SSCC
093123456700000024

GTIN
05060478880004

COUNT
12

BATCH/LOT NO
45DS

PACKAGE DATE

(00)093123456700000024

(01)05060478880004(10)45DS(37)12

(00)093123456700000024



Logistic Units Management System

Unit Locations

The location of the logistics unit is used to track the current location of the logistics unit and understand the availability of the unit for other logistics operations.

Inside



Available for outbound logistics

Outside



pallet is located by the customer



Container in seaport

Not Available for outbound logistics



Logistic Units Locations

✓ Saved



Search



+ New



Edit List



Delete



	Code ↑	Description	Inbound Logistics Enabled	Outbou... Logistics Enabled	Default After Shipme... Location	Default After Receipt Location	Default Creation Location
→	FREMANTLE	FREMANTLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	GENOA	GENOA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	INSIDE	Logistic unit inside	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	OPEN	New Logistic unit was created	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	OUTSIDE	Logistic unit outside	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	RUBIERA	RUBIERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SINGAPORE	Singapore	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Logistic Units Management System

Tracking Setup

We use external service for shipment tracking.

Aftership.com allow track more then 1000 carriers in the world.

This is paid service and your company need to create account on aftership.com.

Choose a suitable tariff with access by API and generate an API access key.

Click **Next** to enter API key.

Logistic Units Setup

Logistic Units Setup

Settings | Automate Fewer options

Actions Setup Logistic Unit Types SSCC Default Identifier Unit Locations Tracking Setup

Number Series

Unit Nos.

SSCC - Serial Sh


Global Company Pre

Units of Measur

Base Weight Unit of

Base Volume Unit of

Aftership.com Integration



Welcome to Aftership.com Integration Setup

AfterShip's global shipping API, allows companies to scale and adapt to an ongoing and post retail environment. The multi-carrier tracking solution. Aftership support more 700 carriers worldwide.

AfterShip.com is a paid external service.

Next

Finish



Logistic Units Management System

After enter API key click **Next**. System will load carrier list. Drilldown carrier list to check your carriers.

Activated couriers are carriers you work with.

Aftership.com Integration

Enter

API Key

Default API Settings

Change Default Settings ☐

Link to all couriers

Link to active couriers

GetTracking URL

Aftership.com Integration

Loaded data ...

Total available couriers	1171
Activated couriers	4
Activate couriers	https://admin.aftership.com/settings/couriers...

Back

Next

Finish



Logistic Units Management System

Click **Next** to finish setup process.

Go to **Shipping Agents** to assign the package tracking system to the shipping agent you use.

Tracking Provider – Aftership.

Tracking Service Carrier Code – name of the actual carrier in the tracking system.

←

Shipping Agents

✓ Saved

🔖

🔗

↗

🔍 Search

+ New

🔧 Edit List

🗑 Delete

Shipping Agent

More options

🔗

🔍

☰

Code ↑	Name	Tracking Provider	Tracking Service Carrier Code	Package Tracking URL	Shopify Tracking Company
DHL	DHL Systems, Inc.			www.dhl.com/en/express/trac...	
→ FEDEX	⋮ Federal Express Corporati...	Aftership	▼	www.fedex.com/apps/fedextra...	
OWN LOG.	Own Logistics				
UPS	United Parcel Service of A...				

Slug ↑

Name

dhl

DHL Express

fedex

FedEx®

ups

UPS

usps

USPS

Select from f

These settings allow you to define the shipping agent on the sales order that will be copied to the logistic unit after it is published. Or you can define the shipping agent directly on the logistic unit card and enter tracking number.