

Logistic Units Management System

for Microsoft Dynamics 365 Business Central

User Manual



Logistic Units Management System

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- Sales
- Add Sales order into existing Logistic Unit
- Post all orders in Logistics Unit
- Tracking Logistic Units
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Logistic Units Management System

Sales

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

A logistic unit can be created in main documents of the Microsoft Dynamics 365 Business Central. Creating a logistic unit is grouping goods into a unit of a certain type.

New Logistic Unit

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

The screenshot displays the 'New Logistic Unit' wizard in Microsoft Dynamics 365 Business Central. The interface is for a sales order with the following details:

- Customer Name: Adatum Corporation
- Contact: Robert Townes
- Posting Date: 10/04/2023
- VAT Date: 10/04/2023
- Order Date: 10/04/2023
- Due Date: 10/05/2023
- Requested Delivery Date: (empty)
- External Document No.: (empty)
- Status: Open

The 'Logistic Units' section on the right is currently empty, displaying the message: "(There is nothing to show in this view)".

The 'Sell-to Customer Sales History' section shows a customer number of 10000.

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



Logistic Units Management System

Expand Wizard Page to see more fields

General Show more Details Attachments (0)

Customer Name Adatum Corporation

Contact Robert Townes

Posting Date 10/04/2023

VAT Date 10/04/2023

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

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](#)

On second page of the Wizard, you can select lines of source document and quantities that will be included in a 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 of the Wizard, you should select a type of the logistics unit, which determines the type of packaging and parameters such as size and some additional conditions.

If control by weight or volume toggles are activated for a selected logistic unit type, then when choosing a type, the system will warn you about 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 Falsrth 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 number of the logistic unit.

New Logistic Units Wizard



Done!

Units has been created. Click Finish to close wizard.

Created Logistic Unit 0001500



Press **Assist Button** to view the 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.	<input type="text" value="0001500"/>	SSCC	<input type="text"/>
Description	<input type="text" value="Pallet EU"/>	LU Location Code	<input type="text" value="OPEN"/>
Type Code	<input type="text" value="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

Once Wizard is closed, the system will update Logistic Units Fact box to view all logistic units that assigned to a document.

The screenshot displays the 'Sales Order' interface for '101031 · Adatum Corporation'. The 'Logistic Units' tab is active, showing a table with the following data:

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

Below the table, there are three summary cards for 'Sell-to Customer Sales History' for Customer No. 10000:

- Ongoing Sales Quotes: 0
- Ongoing Sales Blanket Orders: 0
- Ongoing Sales Orders: 22

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

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

The screenshot shows an 'Error Messages' dialog box with the following content:

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 'Logistic Units' table is visible, showing the following data:

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

The 'Post by Logistic Units' menu option is highlighted in the 'Post...' dropdown menu.

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

The screenshot shows the 'Sales Order' interface for '101031 · Adatum Corporation'. The 'Logistic Unit Select' dialog box is open, showing the following data:

Unit No. ↑	Description	Volume	Weight	Source Name	Source ID ↑	Customer/Vendor N
→ 0001500	Pallet EU	60.00	1,989.50	Sales Order	101031	Adatum Corpora

The dialog box also shows a search icon and a close button (X).



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

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
---	---	----

Lines | Manage | Line | Order | Fewer options

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

i ● Ship
 Invoice
 Ship and Invoice

OK **Cancel**



Logistic Units Management System

The following changes will be made in the logistic unit after posting

LU Location Code - availability for the next logistics processes

General

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

Lines

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	-50.00	1,989.5

Logistics

Documents

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

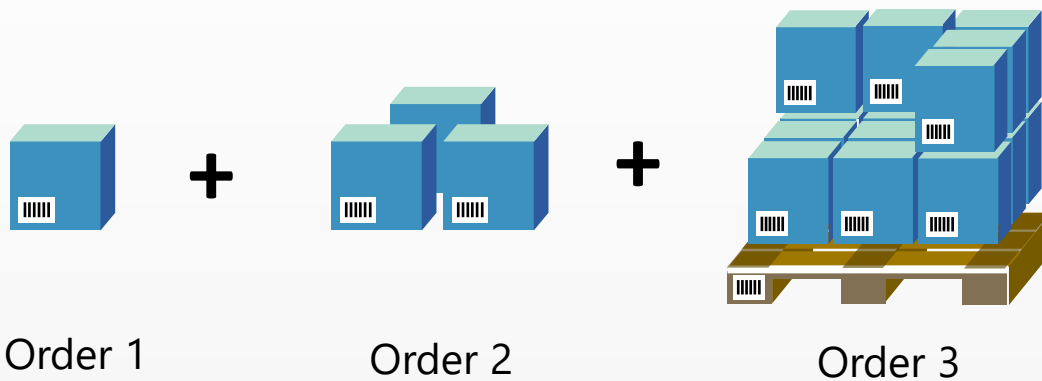
Remaining Qty. by Logistic unit



Logistic Units Management System

Add Sales order into existing Logistic Unit

For sales and purchase orders there is a feature to add items to a logistic unit that already contains items from other 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 Include Logistic Units Print

New Logistic Unit

Add To Logistics Unit

Trey Research Order Date 10/04/2023

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

Logistic Units

Unit No. Logistics Posted

(There is nothing to show in this view)

Sell-to Customer Sales History

Customer No. 20000

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

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



Logistic Units Management System

In Wizard on second step select a 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

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

On the third step, you can select lines and quantities for this logistic 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

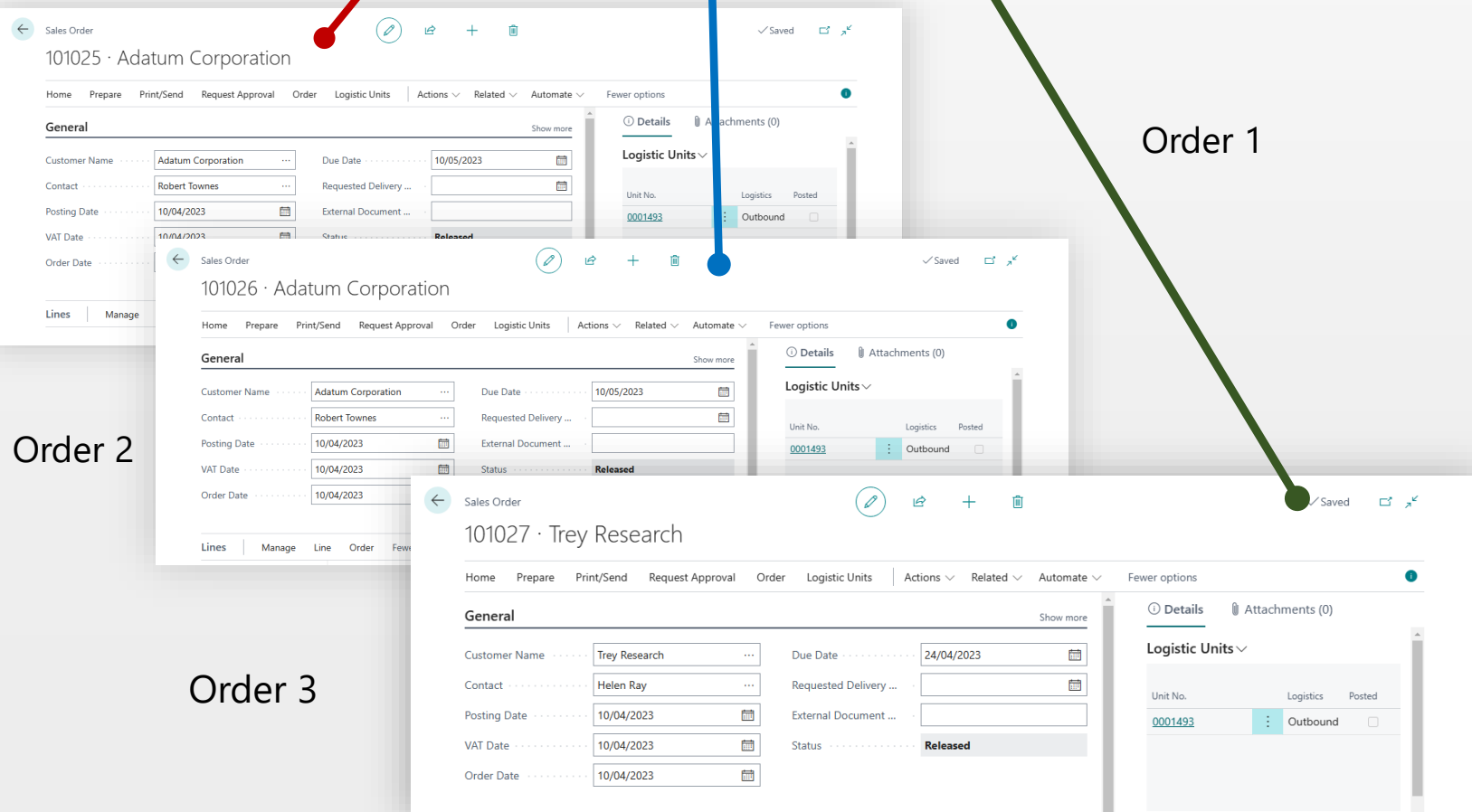
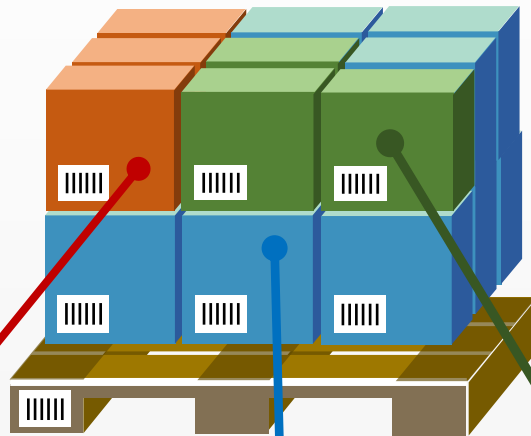
Customer No. 20000

1 0 2

Logistic Units Management System

Post all orders by a 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

Sales Order 101025 · Adatum Corporation

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

General

Customer Name Adatum Corporation Due Date 10/05/2023

Contact Robert Townes Requested Delivery ...

Posting Date 10/04/2023 External Document ...

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Logistic Units

Unit No. Logistics Posted

0001493 Outbound

Sales Order 101026 · Adatum Corporation

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

General

Customer Name Adatum Corporation Due Date 10/05/2023

Contact Robert Townes Requested Delivery ...

Posting Date 10/04/2023 External Document ...

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Logistic Units

Unit No. Logistics Posted

0001493 Outbound

Sales Order 101027 · Trey Research

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

General

Customer Name Trey Research Due Date 24/04/2023

Contact Helen Ray Requested Delivery ...

Posting Date 10/04/2023 External Document ...

VAT Date 10/04/2023 Status Released

Order Date 10/04/2023

Logistic Units

Unit No. Logistics Posted

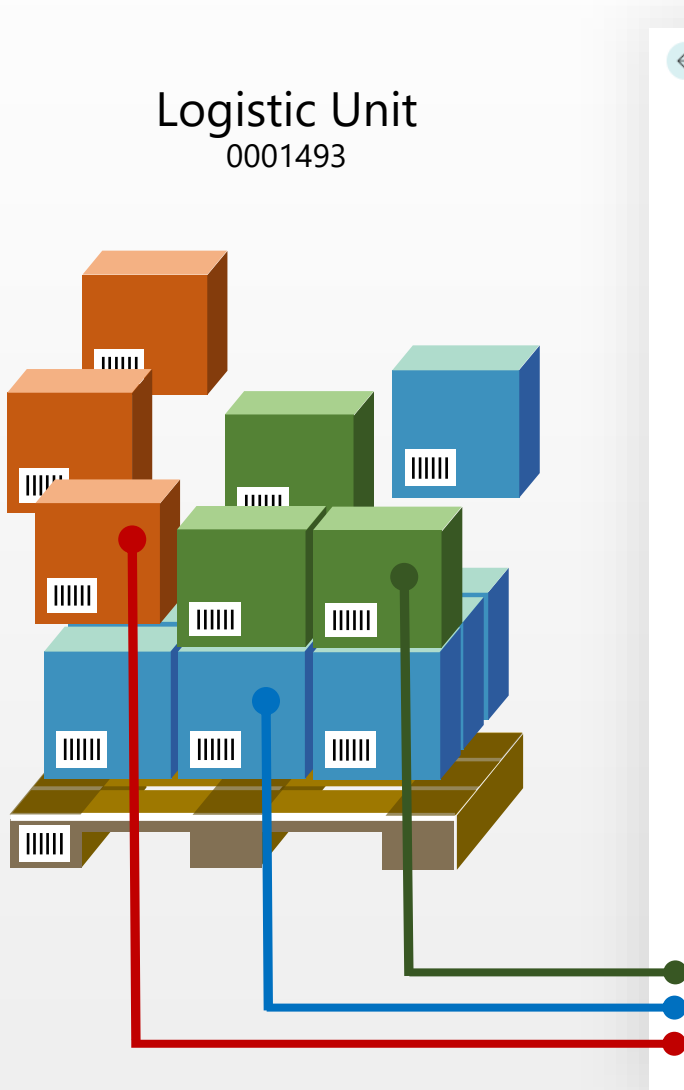
0001493 Outbound



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

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 >

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

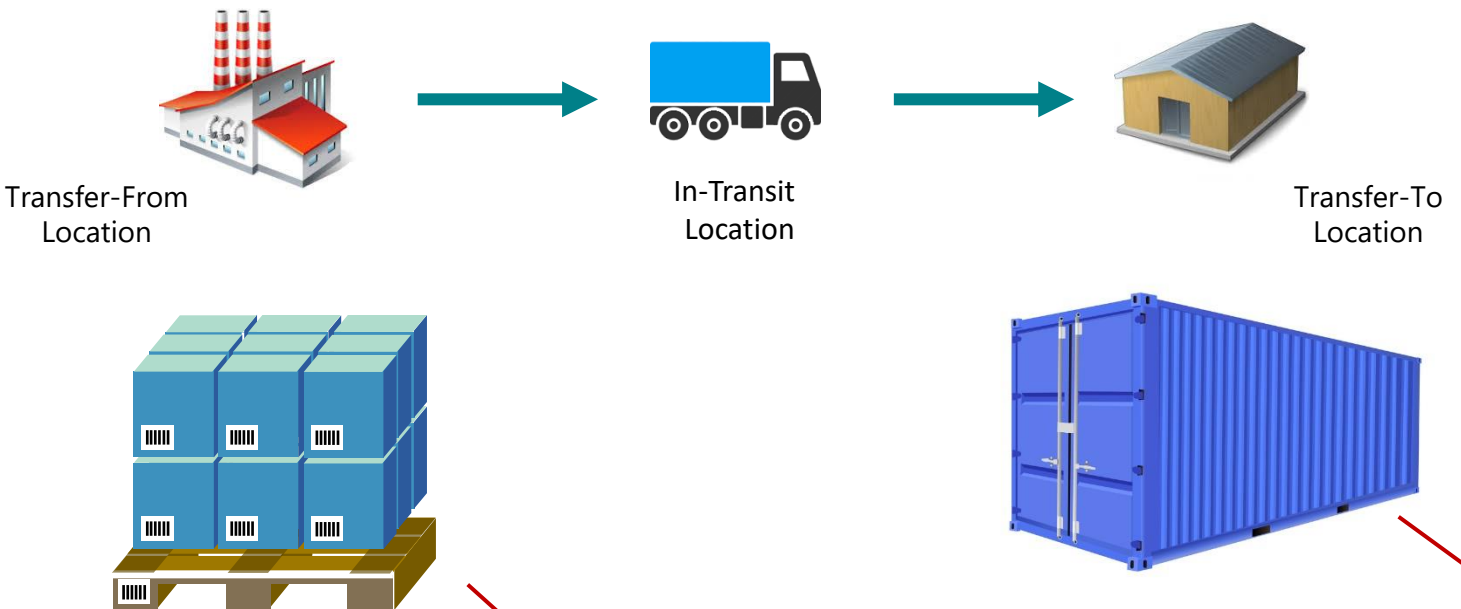
*It's a great tool for managing containers for purchase orders.



Logistic Units Management System

Transfer Orders

Process of managing logistic units in transfer order looks like the same process on sales and purchase orders. Besides, there is option to split shipment process and receipt process. The system allows you to specify different types of logistic unit for shipment and receipt.



Transfer Order 1034

Home Prepare Print/Send Order **Logistic Units** Related Reports Automate Fewer options

New Logistic Unit Include Logistic Units Print

General Show more

Transfer-from Code: MAIN In-Transit Code: OUT. LOG.
Transfer-to Code: NORTH Posting Date: 10/04/2023
Direct Transfer: Status: Released

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

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 the initial Logistic Unit Management System setup, go to **Assisted Setup** page and find Logistic Units line.

The screenshot shows the Microsoft Dynamics 365 Business Central interface. The top navigation bar includes 'Dynamics 365 Business Central' and various menu items like 'Finance', 'Cash Management', 'Sales', 'Purchasing', and 'Shopify'. The main content area is titled 'Assisted Setup' and contains a table of actions. The 'Setup Logistic Units Module' action is highlighted in blue at the bottom of the list.

Title	Compl...	Learn more	Translated Name	Description
Set up a bank statement file imp...	<input type="checkbox"/>	Read	Set up a bank statement file imp...	Set up a bank statement file imp...
Invite your external accountan...	<input type="checkbox"/>	Read	Invite your external accountant t...	Send a link to your external a...
Connect with other systems	<input type="checkbox"/>	Read	Connect with other systems	Connect with other systems
Set up a connection to Dyna...	<input type="checkbox"/>	Read	Set up a connection to Dynamics...	Connect your Dynamics 365 s...
Connect your shop and impor...	<input type="checkbox"/>	Read	Connect your shop and import d...	Check out how easy it is to se...
Set up a connection to Datave...	<input type="checkbox"/>	Read	Set up a connection to Dataverse	Connect to Dataverse for bett...
Connect your files to the cloud	<input type="checkbox"/>	Read	Connect your files to the cloud	Configure which features can...
Do more with Business Central	<input type="checkbox"/>	Read	Do more with Business Central	Do more with Business Central
Excel Add-in Centralised Depl...	<input type="checkbox"/>	Read	Excel Add-in Centralised Deploy...	Deploy the Excel add-in for sp...
Configure the Cash Flow Forec...	<input type="checkbox"/>	Read	Configure the Cash Flow Forecas...	Specify the accounts to use fc...
Outlook Add-in Centralised D...	<input type="checkbox"/>	Read	Outlook Add-in Centralised Depl...	Deploy Outlook add-in for sp...
Teams App Centralised Deplo...	<input type="checkbox"/>	Read	Teams App Centralised Deploy...	Deploy the Business Central a...
Set up the Image Analyser	<input type="checkbox"/>	Read	Set up the Image Analyser	The Image Analyser extension...
Set Up Time Sheets	<input type="checkbox"/>	Read	Set Up Time Sheets	Track the time used on jobs, r...
Set up approval workflows	<input type="checkbox"/>	Read	Set up approval workflows	Set up approval workflows
Set up approval workflows	<input type="checkbox"/>	Read	Set up approval workflows	Create approval workflows th...
Set up email logging	<input type="checkbox"/>	Read	Set up email logging	Track email exchanges betwee...
Set up an approval workflow t...	<input type="checkbox"/>	Read	Set up an approval workflow to ...	Create approval workflows th...
Set up a customer approval w...	<input type="checkbox"/>	Read	Set up a customer approval work...	Create approval workflows th...
Set up an approval workflow t...	<input type="checkbox"/>	Read	Set up an approval workflow to ...	Create approval workflows th...
Set Up Extended Security	<input type="checkbox"/>	Read	Set Up Extended Security	Set Up Extended Security
Set up field monitoring	<input type="checkbox"/>	Read	Set up field monitoring	You can monitor important fie...
Logistic Units	<input type="checkbox"/>	Read	Logistic Units	Logistic Units
Setup Logistic Units Module	<input checked="" type="checkbox"/>	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 it 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** to 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 transportation and/or storage where the specific unit load needs to be managed throughout the supply chain.

SSCC consists 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

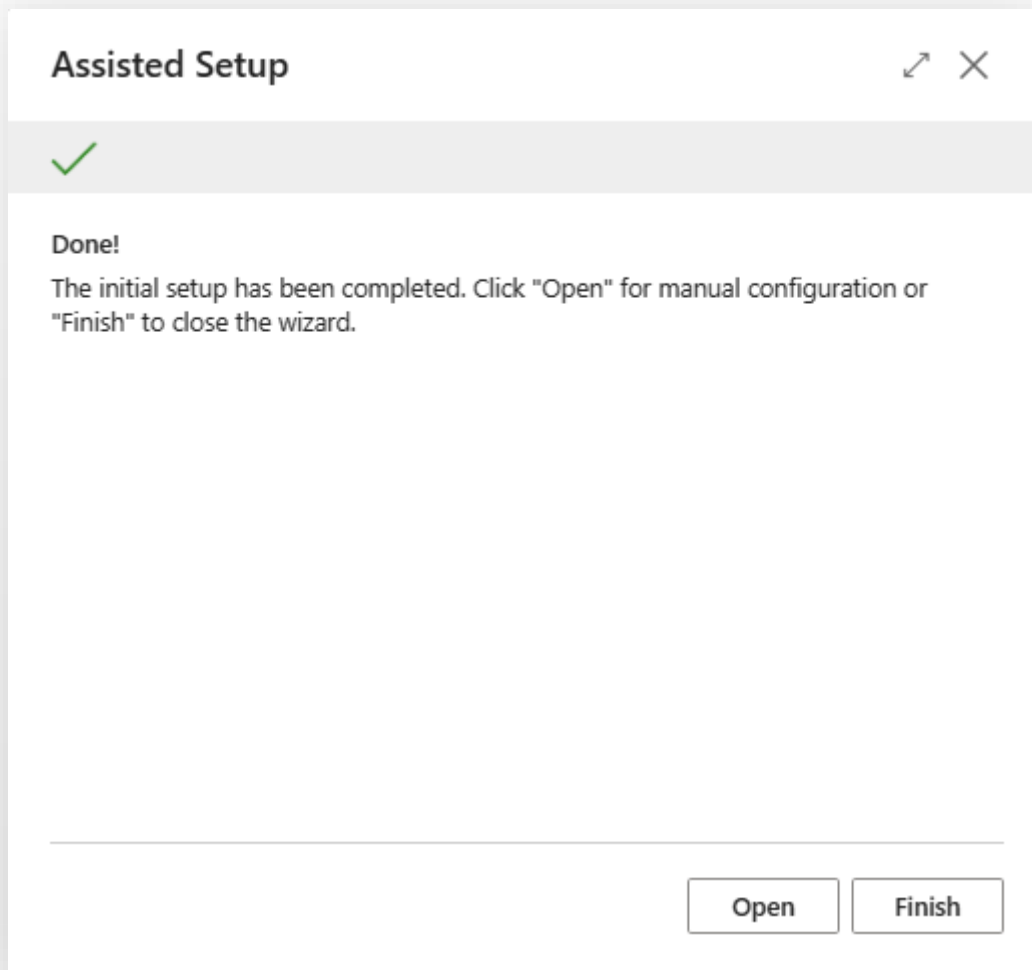
Back Next Finish



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 is a navigation bar with a back arrow, the title 'Logistic Units Setup', and several utility icons (edit, share, add, delete). On the right, it shows 'Saved' and other status icons. Below the title, there are tabs for 'Settings' (active), 'Automate', and 'Fewer options'. A horizontal menu contains links for 'Actions Setup', 'Logistic Unit Types', 'SSCC Default Identifier', 'Unit Locations', and 'Tracking Setup'. The main content area is divided into sections: 'Number Series' with a 'Unit Nos.' dropdown; 'SSCC - Serial Shipping Container Codes' with 'Global Company Prefix' (931234567), 'SSCC Nos.' (SSCC), and a checked 'SSCC Check Digit' toggle; and 'Units of Measure' with four dropdowns: 'Base Weight Unit of ...' (KG), 'Base Linear Unit of M...' (M), 'Base Volume Unit of ...' (M3), and 'Base Distance Unit of ...' (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 manually 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

0000010

Home Print History Automate Fewer options

Create SSCC Archive Logistic Unit Post Documents Unit Worksheet Tracking

No. 0000010 SSCC 9312345670000025

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.

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

Logistic Unit Type Card

Enter **Code** and **Description** for new Type.

Sorting Order – value in this field specifies a sorting order for type selection pages. Frequently used types can be placed at the top of the list.

Unit Type Card

C20CFRC

General Show more

Code	C20CFRC	Sort Order	1
Description	20' Collapsible Flat Rack containe	No. Series	TMS-C
Type of Loading	Side or Top	Reusable	<input checked="" type="checkbox"/>
		Automatic SSCC Crea...	<input checked="" type="checkbox"/>

Units of Measure >

Sizes

Internal		External	
Internal Length (mm)	5,966.00	Length (m)	0
Internal Width (mm)	2,418.00	Width (m)	0
Internal Height (mm)	2,286.00	Height (m)	0
Internal Volume (m ³)	32.98000	Unit Volume (m ³)	0.00
Footage	0.00		

Control

Limit Filling Volume (...)	32.98000
Limit Filling Volume ...	<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 a fixed asset. During the operating with a logistic unit, the system will transfer all lines, records, and references to the archive, and the logistic unit will not be deleted.

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

Units of Measure Tab – set up units of measure for this type. System can operate with metrical or imperial units, but for this particular logistic unit type the System can operate with different system units (metrical or imperial).

Sizes Tab – to specify inner and external sizes of a logistic unit. It's possible to enable volume control. If during creation of a logistic unit an excess of volume detected, the system warns you 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 – to specify weight parameters. If during creation of a logistic unit an excess of weight detected, the system will warn you about it.

Content Control Tab

Mix source Document Allowed – allows the system to put on a logistic unit content for different customers or vendors.

Mix Location/Bin Allowed – allows to put on a logistic unit content of documents with different location codes in lines. It can be useful for containers.

Temperature Control,

Def. Temperature,

Ventilation – set information for print form to inform a 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 print this information on label.

To print SSCC label you need to customize SSCC Label template using MS 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

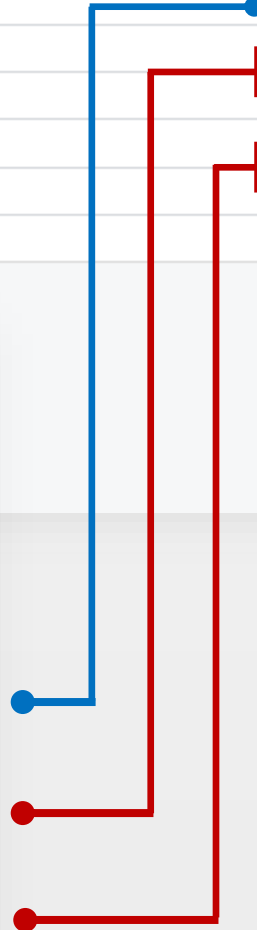
SSCC
093123456700000024

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 logistic unit is used for tracking the current location of the logistic unit and understanding the availability of the unit for other logistics operations.

Inside

Outside



pallet is located by the customer



Container in seaport

Available for outbound logistics

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 an external service for shipment tracking.

Aftership.com allows to track more then 1000 carriers in the world.

It is a paid service and your company will have to create an account on aftership.com.

Choose a suitable tariff with access by API and generate an API access key. Click **Next** to enter the API key.

The screenshot shows the 'Logistic Units Setup' interface. The background is a light gray with a top navigation bar containing a back arrow, 'Logistic Units Setup', a pencil icon, a share icon, a plus icon, a trash icon, a 'Saved' status, and a share icon. Below the navigation bar is the title 'Logistic Units Setup' and a 'Settings' section with 'Automate' and 'Fewer options'. A horizontal menu contains 'Actions Setup', 'Logistic Unit Types', 'SSCC Default Identifier', 'Unit Locations', and 'Tracking Setup'. The main content area is partially obscured by a white dialog box titled 'Aftership.com Integration'. The dialog box features the Aftership logo (an orange cube icon) and the text 'Welcome to Aftership.com Integration Setup'. Below this, it states: 'AfterShip's global shipping API, allows companies to scale and adapt to an ongoing and post retail environment. The multi-carrier tracking solution. Afteship support more 700 carriers worldwide.' and 'AfterShip.com is a paid external service.' At the bottom of the dialog box are two buttons: 'Next' (highlighted in teal) and 'Finish'.



Logistic Units Management System

Once the API key is entered click **Next**. System will load carrier list.
Drilldown carrier list to check your carriers.

Activated couriers are carriers you work with.

The screenshot displays two overlapping windows of the 'Aftership.com Integration' interface. The background window shows the 'Enter' step with input fields for 'API Key' and 'Change Default Settings'. The foreground window shows the 'Loaded data' step with a table of carrier statistics and a 'Next' button.

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

Navigation buttons: Back, Next, Finish



Logistic Units Management System

Click **Next** to finish the 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 an 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	<input type="text" value=""/>	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 in the logistic unit card and enter a tracking number.