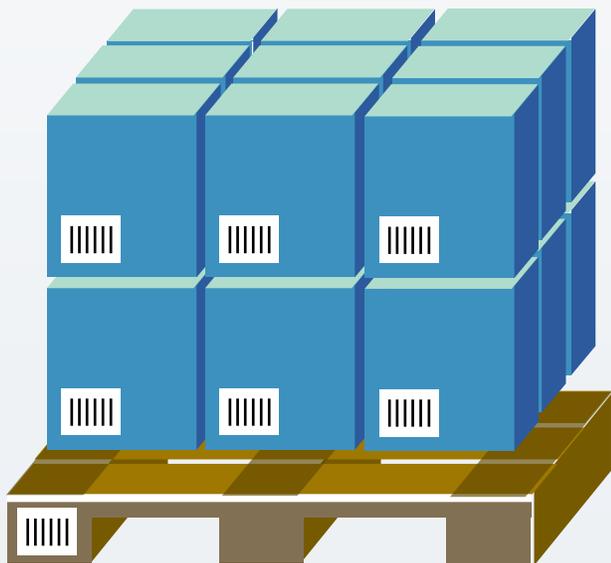


Logistic Units Management System

for Microsoft Dynamics 365 Business Central

ABOUT EXTENSIONSFORCE:

Our Company has major experience in Microsoft Dynamics products and specializes in building transportation & logistics solutions for Microsoft Dynamics 365 Business Central. Our purpose is to apply our experience to empower customers software. We help our customers to win the competition by giving them the missing piece of the puzzle.



WHAT WE OFFER

Introducing an exciting new way to manage pallets, boxes or containers in your Business Central. With this comprehensive solution, you can effortlessly specify pallet type, and assign manual or auto-generated pallet IDs. Besides, you'll be able to assign each pallet to a lot number – making it easy to receive multiple pallets or containers.

Take your warehousing to the next level with this powerful new feature. Track your items with convenience using SSCC numbers and get better visibility of weight and volume with total quantity of shipping containers across sales, purchase, and warehouse documents.

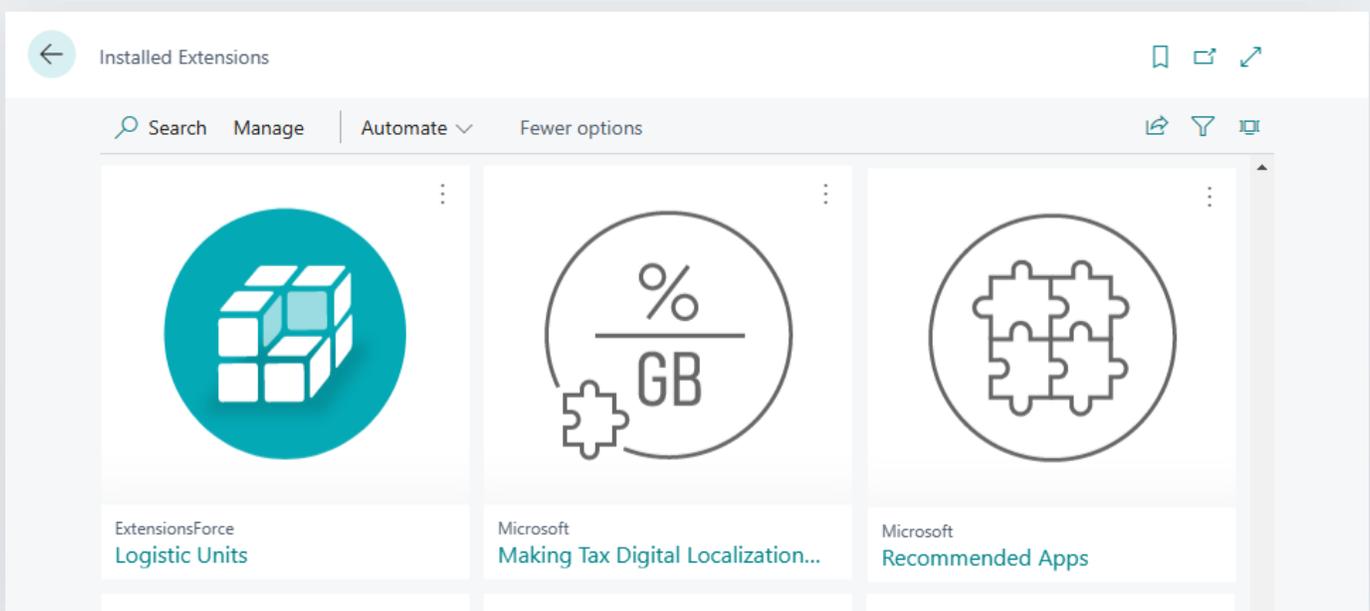
Don't miss out – upgrade your warehousing today and unlock a whole new world of possibilities!.



Logistic Units Management System

Key Features

- **Logistic unit** is an entity like document or fixed asset
- Post shipment or receipt documents by **logistic unit**
- Combine many orders in one logistic unit (Container)
- Control location of **logistic units** outside company and shipment tracking by carrier
- Weight and volume control during loading process
- Control Inventory and remaining quantity by **logistic unit**
- History of a logistic unit by documents
- Customize SSCC labels and Packing lists
- No need to use Item Tracking setup for Items



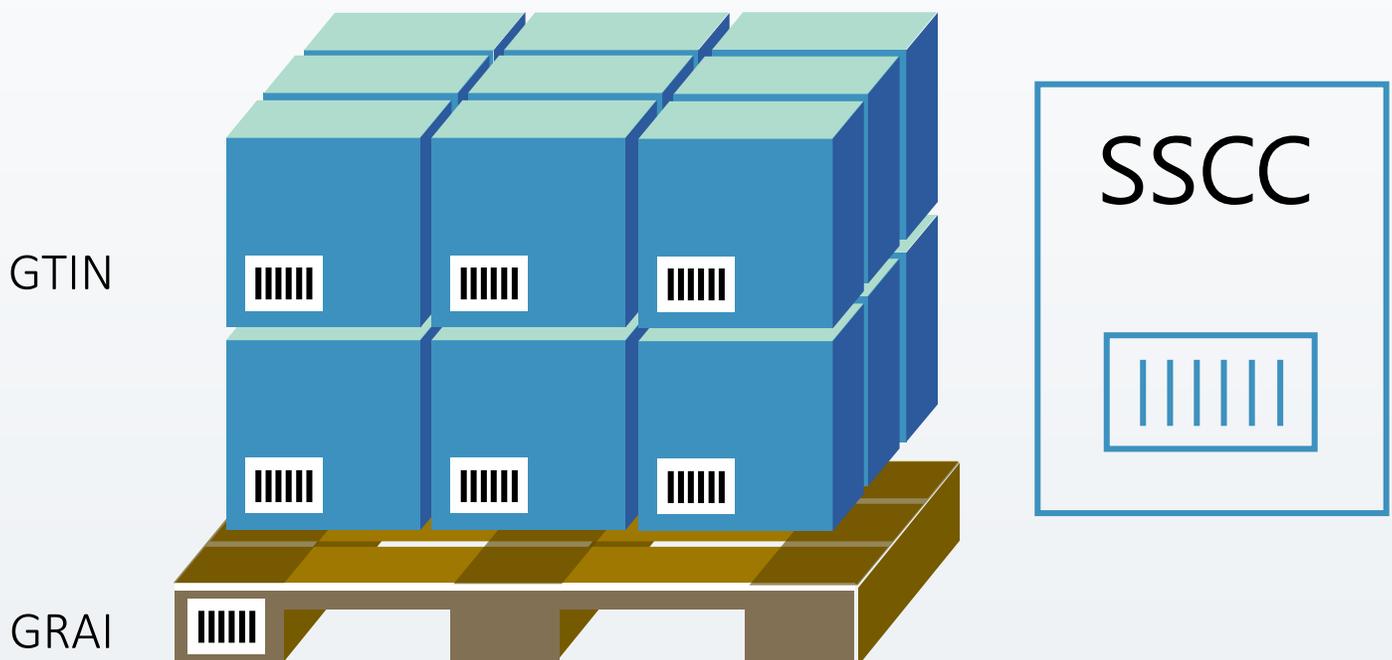


Logistic Units Management System

Logistic Unit

is identified by a combination of:

- a carrier, such as a pallet, which is uniquely identified worldwide by means of a Global Returnable Asset Identifier (**GRAI**).
- and products uniquely identified worldwide using Global Trade Item Numbers (**GTIN's**).



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



Logistic Units Management System

Logistic Unit

is an item that is used for transportation or storage and needs to be managed through the supply chain. It could be a box or a pallet containing a few products, or an intermodal container with several pallets.

Logistic Unit

0000006

Home Print History Automate Fewer options

General

No. 0000006 SSCC 93123456700000025
Description 20' Collapsible Flat Rack containe LU Location Code RUBIERA
Type Code C20CFRC

Lines

Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity	Inventory Quantity	Gross Weight
Item	1896-S	ATHENS Desk	7.00	PCS	0.00	0.00	278
Item	1900-S	PARIS Guest Ch...	7.00	PCS	0.00	0.00	66
Item	1906-S	ATHENS Mobile...	7.00	PCS	0.00	0.00	137

Logistics

Documents

Source Name	Source ID	Lot No.	Weight (Base)	Volume (Base)
Posted Purchase Receipt	107214		483.07	11.97

The logistic unit includes information such as SSCC numbers, serial numbers, and total quantity of items that can be added to sales, purchase and warehouse documents.



Logistic Units Management System

Documents

will receive new functionality to manage logistic units.

Create new, add document lines to Logistic unit, include content of logistic unit in document, etc.

Purchase Order
106035 · Fabrikam, Inc.

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

New Logistics Units Include Logistic Units Print

New Logistics Units Add To Logistics Unit

Vendor Name Fabrikam, Inc. Vendor Invoice No. 788
Contact Krystal York Vendor Shipment No.
Document Date 10/04/2023 Status Released
Invoice Receipt Date 10/04/2023

Type	No.	Item Reference No.	Description	Location Code	Bin Code
Item	1896-S		ATHENS Desk	WMS	

Subtotal Excl. VAT (G... 101,320.00 Total Excl. VAT (GBP) 101,320.00
Inv. Discount Amoun... 0.00 Total VAT (GBP) 0.00
Invoice Discount % 0 Total Incl. VAT (GBP) 101,320.00

Details Attachments (0)

Logistic Units

Unit No.	Logistics	Posted
0000671	Inbound	<input checked="" type="checkbox"/>

Forecast

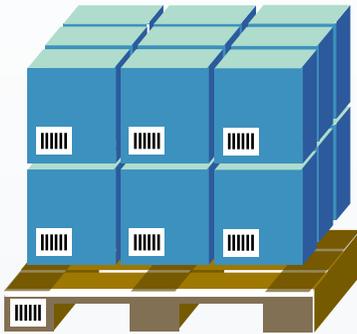
There is nothing to show in this view.

Subpage provides information about logistic units, which are utilized for transportation of goods. This information is useful for those who need to execute operations involving the movement of goods.

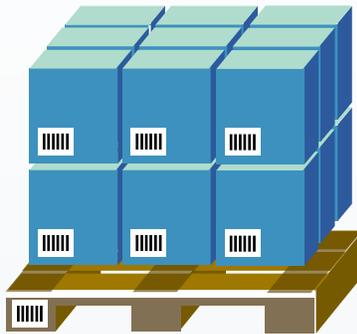


Logistic Units Management System

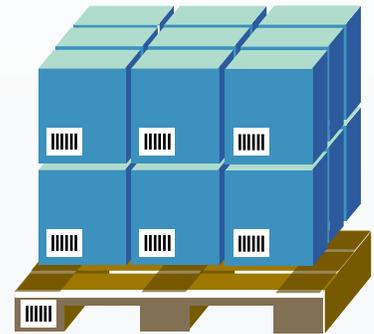
This extension enables the interconnection of orders and logistic units, providing enhanced visibility and facilitating the retrieval of documents related to each other. That allows to improve tracking and monitoring of orders and logistic units, resulting in greater efficiency.



0000740



0000741



0000742

Sales Order 101023 · 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
0000740	Outbound	<input checked="" type="checkbox"/>
0000741	Outbound	<input type="checkbox"/>
0000742	Outbound	<input checked="" type="checkbox"/>

Sell-to Customer Sales History

Customer No. 10000

Ongoing Sales Quotes	Ongoing Sales Blanket Orders	Ongoing Sales Orders
0	0	16
2	0	0

Lines

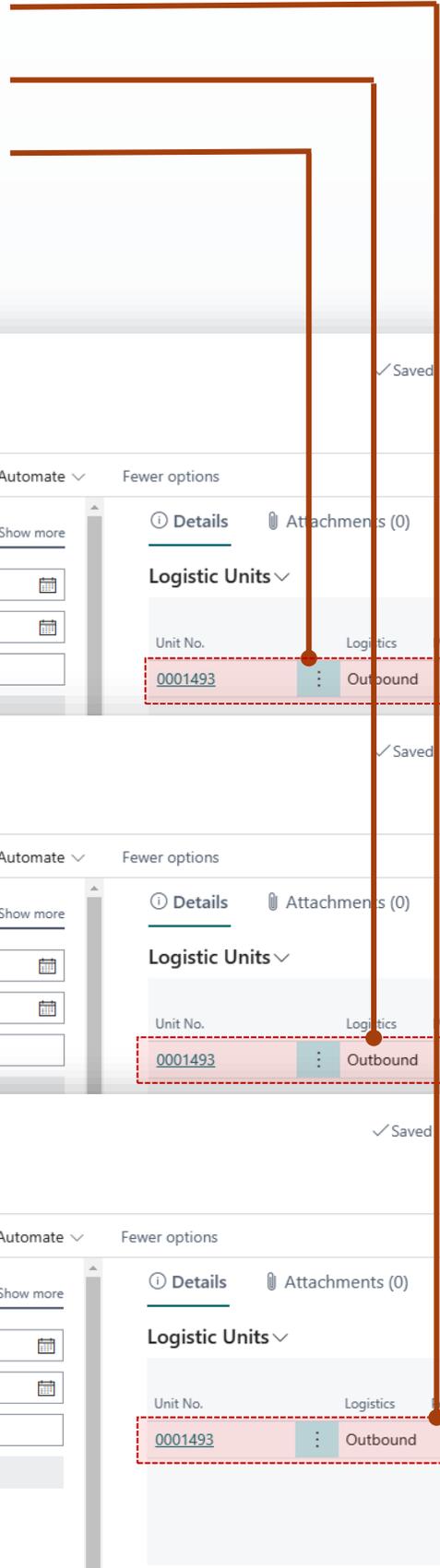
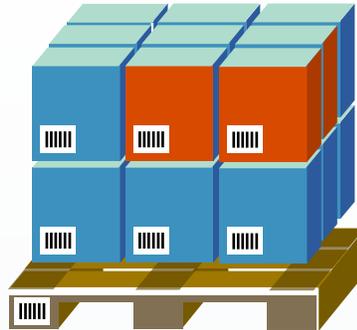
Type	No.	Item Reference No.	Description	Location Code	Quantity
Item		1896-S	ATHENS Desk	MAIN	10
→ Item	:	1896-S	ATHENS Desk	MAIN	10



Logistic Units Management System

Logistic Unit

One for multiple order



Sales Order

101025 · 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 ...

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

VAT Date: 10/04/2023 Status: Released

Details Attachments (0)

Logistic Units

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

Sales Order

101026 · 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 ...

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

VAT Date: 10/04/2023 Status: Released

Details Attachments (0)

Logistic Units

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

Sales Order

101027 · Trey Research

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

General Show more

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

Details Attachments (0)

Logistic Units

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



Logistic Units Management System

Post by Logistic Units

The solution provides posting by logistic unit, which simplifies the process of receipt or shipment

The screenshot displays the Microsoft Dynamics 365 interface for a Purchase Order. The header shows the purchase order number 106049 and the vendor name Fabrikam, Inc. The navigation bar includes tabs for Home, Prepare, Print/Send, Request Approval, Order, Logistic Units, Actions, Related, Automate, and Fewer options. A dropdown menu is open under the 'Post...' button, with 'Post by Logistics Units' highlighted. The main content area shows the purchase order details, including the vendor name, vendor invoice number (Q21), vendor shipment number, and status (Released). The 'Lines' section contains a table with columns for Type, Description, Location Code, Bin Code, Quantity, and Reserved C. The table lists three items: ATHENS Desk (122), PARIS Guest Chair, black (100), and PARIS Guest Chair, black (200). The right sidebar shows the 'Details' section with a table for Unit No., Logistics, and Posted, and a 'Forecast' section with the message 'There is nothing to show in this view.'

Type	Description	Location Code	Bin Code	Quantity	Reserved C
Item	ATHENS Desk	MAIN		122	
Item	PARIS Guest Chair, black	MAIN		100	
→ Item	PARIS Guest Chair, black	MAIN		200	



Logistic Units Management System

Print labels and packing lists

CRONUS UK Ltd.
7122 South Ashford Street

cronus

SSCC
093123456700000024

GTIN 05060478880004
COUNT 12
BATCH/LOT NO 45DS
PACKAGE DATE

CRONUS UK Ltd.
7122 South Ashford Street
Westminster
London, W2 8HG

PACKING LIST

0666-666-6666

A00000

SHIP-TO
Adatum Corporation
Station Road, 21
CB1 2FB
Cambridge

Sales Document
101006

Logistic Units
PLT0003
Pallet EU
1896-S ATHENS Desk 1.00

PLT0004
Pallet EU
1896-S ATHENS Desk 2.00

PLT0005
Pallet EU
1896-S ATHENS Desk 2.00

SHIP-TO
Trey Research
Southwark Bridge Rd,
91-95
SE1 0AX
London

Sales Document
101007

Logistic Units
PLT0006
Pallet EU
1896-S ATHENS Desk 3.00

Warehouse Shipment A00000 ✎ 🔗 + 🗑️ ✓ Saved 📄 ↶

Home Prepare Print/Send Shipment Logistic Units More options

📄 New Logistic Unit 🏗️ Logistic Units Builder ➕ Add To Logistic Unit ☰ Logistic Units 🖨️ **Print** 📄 **Packing List** 🔗

General

No. Posting Date

Location Code Assigned User ID

Zone Code Assignment Date

Bin Code Assignment Time

Document Status Sorting Method

Status

Source Document	Source No.	Item No.	Description	Logistic Units	Quantity	Qty. to Ship	Qty. Shipped
→ Sales Order	101006	1896-S	ATHENS Desk	3	5	5	0
Sales Order	101007	1896-S	ATHENS Desk	PLT0006	3	3	0

Item Details - Warehouse

Item No. 1896-S
Identifier Code -
Base Unit of Measure PCS
Put-away Unit of Measure Co...
Purch. Unit of Measure PCS
Item Tracking Code -
Special Equipment Code -
Last Phys. Invt. Date -
Net Weight 0.00
Warehouse Class Code

Logistic Units ▾



Logistic Units Management System

User-friendly step-by-step wizards

for operations.

1

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	122.00	122.00	0.00	106049	Fabrikam, Inc.			PCS	0
1900-S	PARIS Guest Chair, black	100.00	100.00	0.00	106049	Fabrikam, Inc.			PCS	0
→ 1900-S	⋮ PARIS Guest Chair, black	200.00	200.00	0.00	106049	Fabrikam, Inc.			PCS	0

2

New Logistic Units Wizard



Weight (kg)
Volume (m³)
Select Logistic Unit Type
Unit Type
Description
Weight Limit (kg)
Volume Limit (m³)

Logistic Unit Types

Code ↑ Description Limit Filling Volume Control Limit Filling Weight Control

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"/>
PALSdT	Pallet Standard	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OK Cancel

Back Create Finish



Logistic Units Management System

Logistic Unit History

Full history of logistic unit movements by documents

Logistic Unit

0000296

Home Print History Automate Fewer options

General Show more

No. 0000296 SSCC 93123456700000025
Description Pallet EU LU Location Code
Type Code PALEUR

Lines Manage Line Fewer options

Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity	Inventory Quantity	Gross We
→ Item	1000	Perfume Delux	10.00	PCS	0.00	0.00	

Logistics WMSM9 STORE A-01-008

Documents Manage

Source Name	Source ID ↑	Lot No. ↑	Weight (Base)	Volume (Base)
Purchase Order	106025	K004	0	0
Posted Purchase Receipt	107229	K004	0	0
Registered Put-away	PW+007	K004	0	0
Warehouse Receipt	WRCT012	K004	0	0
→ <u>Posted Whse. Receipt</u>	P-WRCT013	K004	0	0

Measurements

Content	Totals
Content Weight (Bas... 0	Weight (Base) (kg) 15
Content Volume (Bas... 0	Volume (Base) (m ³) 0



Logistic Units Management System

LOT, Serial No. Tracking Support

Sales Order 101028 · 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

Type	No.	Item Reference No.	Description	Location Code	Quantity
Item	1001		Item w tracking	MAIN	10

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

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.

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
1001	Item w tracking	2.00	2.00	0.00	101028	Adatum Corpor...	LOT001		BOX	0
1001	Item w tracking	2.00	2.00	0.00	101028	Adatum Corpor...	LOT002		BOX	0
1001	Item w tracking	2.00	2.00	0.00	101028	Adatum Corpor...	LOT003		BOX	0
1001	Item w tracking	2.00	2.00	0.00	101028	Adatum Corpor...	LOT004		BOX	0
→ 1001	Item w tracking	2.00	2.00	0.00	101028	Adatum Corpor...	LOT005		BOX	0

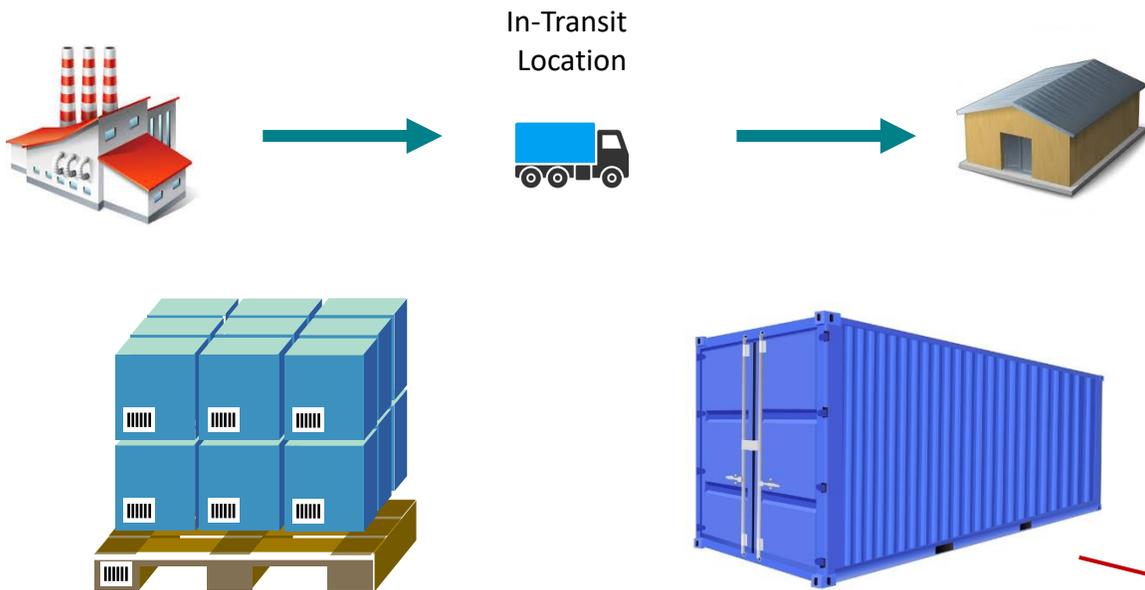
Auto Build Logistic Units Back Next Finish



Logistic Units Management System

Transfer Order

Ability to specify different types of logistics units for shipping and receiving



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

Shipment Tracking

Are you concerned about your shipment packages reaching their destination safely and on time? With our automated delivery updates, you can rest assured that your support managers won't be overwhelmed with questions about when a package will arrive.

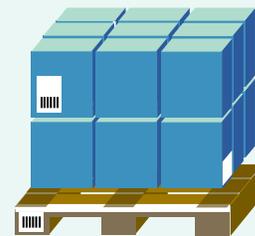
You don't need another external tracking services.

Save your time on shipment tracking integrations with 1,000+ worldwide carriers!



Microsoft Dynamics 365
Business Central

Shipment agent



Tracking Number

Logistic Unit

0000010

Home Print History Automate Fewer options

General

No. 0000010 SSCC 93123

Description 40' High Cube Reefer container LU Location Code OPEN

Type Code C40HCRC Reusable

Barcode Archived

Tracking No.

Lines Manage Line Fewer options

Type	No.	Description	Quantity	Unit of Measure Code	Expected Quantity
→ Item	1896-S	ATHENS Desk	9.00	PCS	0.00



Available on
Microsoft AppSource

Let's try

The screenshot shows the Microsoft AppSource interface. At the top, the Microsoft logo and 'AppSource' are visible. A search bar contains the text 'Logistic units'. Below the search bar, a dropdown menu titled 'Suggested Apps' displays five results, all from Dynamics 365 Business Central:

- Logistic Units** (Dynamics 365 Business Central)
- Powerblox Logistic Units** (Dynamics 365 Business Central)
- Handling Units Management** (Dynamics 365 Business Central)
- Rental** (Dynamics 365 Business Central)
- Powerblox Outbound Logistics** (Dynamics 365 Business Central)

The background of the screenshot shows a grid of various business category tiles, including:

- AI + Machine Learning
- Analytics
- Collaboration
- Commerce
- Compliance & Legal
- Customer Service
- Finance
- Geolocation
- Human Resources
- Internet of Things
- IT & Management Tools
- Marketing
- Operations & Supply Chain
- Productivity
- Project Management
- Sales