

# ShipIT

Integrate with 400+ carriers directly from within NAV/BC in the full version, or per carrier in ShipIT Light.

Available for Business Central in H2

And click, there goes your transport order. Directly from Microsoft Dynamics NAV/BC to Transsmart. The easiest access to 400+ International carriers.

## One simple solution to deal with all carriers worldwide

ShipIT is the easiest way to manage all your international transport orders directly from within Microsoft Dynamics NAV/BC. You just create your order and ShipIT does the rest. You open your ShipIT application in NAV/BC and simply select your preferred carrier for that particular order. Optionally, you can browse through rates and contracts. As soon as your transport order is set and ready, ShipIT takes over. The only thing you have to do is watch the transport unfold, and concentrate on your other, probably more important tasks.

## Integrated carrier communication, via Transsmart, within NAV/BC

ShipIT is developed together with our partner Transsmart. Transsmart is one of the leading logistics data providers and focuses on streamlining communications between carriers and ERP systems. Transsmart knows about hundreds of carrier interfaces, and provides us one single endpoint to work with in NAV/BC.

## One simple solution to deal with all carriers worldwide

ShipIT automatically 'translates' your order to the requirements of the selected carrier (booking, label printing, email notification, handling of additional documents). So both sides get the information exactly the way they want it: for you in Microsoft Dynamics NAV/BC, and for your counterpart through their interface.





# ShiplT

365 — Last update: Jul 16, 2021

idyn BV

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# 1. Introduction

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## ShipIT 365

For your distribution process you can work with DHL, UPS, FEDEX, TNT, PostNL, Royal Mail, Schenker, to name just a few.

Or it could be that you work with a smaller, specialized or local carrier. Or perhaps a combination of carriers. Usually the main problem is, they all have their own interface.

And not only do they have their own booking system or interface, they also have their own labeling and notification system.

If you have already integrated one of these interfaces with your NAV/BC system, chances are that you are frequently working on updating that connection.

For companies who want get rid of all the hassle of carrier interfaces, or companies who want to switch from manually keying in transport orders to an integrated setup, we have developed ShipIT 365.

ShipIT 365 is completely integrated in Microsoft Dynamics Business Central and ShipIT 365 knows about all carrier interfaces. ShipIT 365 is simply selecting what to ship and book & print a label with one single click.

# 1.1. About ShipIT 365

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**ShipIT 365** is an add-on for **Microsoft Dynamics 365 Business Central** that offers 1 simple solution to deal with carriers worldwide. For your transport orders you can choose carriers like **DHL, UPS, FEDEX, TNT, PostNL**, to name just a few. Each of them have their own interface, way of labelling, information and notification, and that is difficult to manage.

That's why **idyn** developed **ShipIT 365**, the easy way to manage your international transport orders from within your **Dynamics 365 Business Central**. Whether you work with just a sales order or the warehouse shipments, a single click takes you to **ShipIT 365**. Optionally you can select your preferred carrier or browse through the rates and delivery times. As soon as your transport order is ready, just click 'Book & Print' to have it shipped. The only thing you have to do is to put the label on the box. Track & trace links and status updates will automatically appear in **Business Central**.

ShipIT 365 is developed together with our partner **Transsmart**, the leading logistics data provider, and they focus on streamlining communications between carriers and ERP systems. **Transsmart** operates with hundreds of carrier interfaces, and provides **idyn** a seamless way to work within **Business Central**. This makes switching between, or adding new carriers, very easy.

The functionality of the add-on includes the following key features:

- Carrier-connectivity with almost every carrier worldwide
- Select carrier depending on best rates and/delivery times
- Real-time connection through web services
- Label printing directly from within **Business Central**
- Print on any printer within your organization
- Customized e-mail notifications
- Real-time status information of shipments
- Real-time track & trace information within **Business Central**
- Freight audit services
- BI-reporting
- Extensive Service Level Agreements
- Offer pickup points depending on customer location
- Shipping rates based on shopping cart contents
- Track & Trace info directly available for customers
- Use track & trace and other shipment info in notifications

## 1.2. About this document

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This document is a user manual, with the guide to setting up the **ShipIT 365** extension for **Microsoft Dynamics Business Central**. It contains specific instructions on configuring the app. The guide also covers the installation procedure.

## 1.3. License Key

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**ShipIT 365** needs an active license key and Transsmart account to operate.

If you don't have an active license key or Transsmart account, please contact your implementation partner. In case you don't have an implementation partner, contact [sales@idyn.nl](mailto:sales@idyn.nl).

## 1.4. Free Trial

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When you install **ShipIT 365** in your **Microsoft Dynamics 365 Business Central** production or sandbox environment, you will receive a 14-day free trial license key via email.

If you haven't received your free trial key or if you want to extend your trial period, please contact us at **[sales@idyn.nl](mailto:sales@idyn.nl)**.



## 2. Installation

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This section describes the different versions of **ShiplT** and how to install them.

## 2.1. Business Central SaaS

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If you are running the cloud/online version of **Microsoft Dynamics 365 Business Central**, you can find and install the ShiplT 365 app in [Microsoft AppSource](#).

## 2.2. Business Central On-Premises

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If you are running the On-Premises version of **Microsoft Dynamics 365 Business Central**, you can install the ShipIT 365 app using Windows PowerShell and the app runtime package provided by your implementation partner.

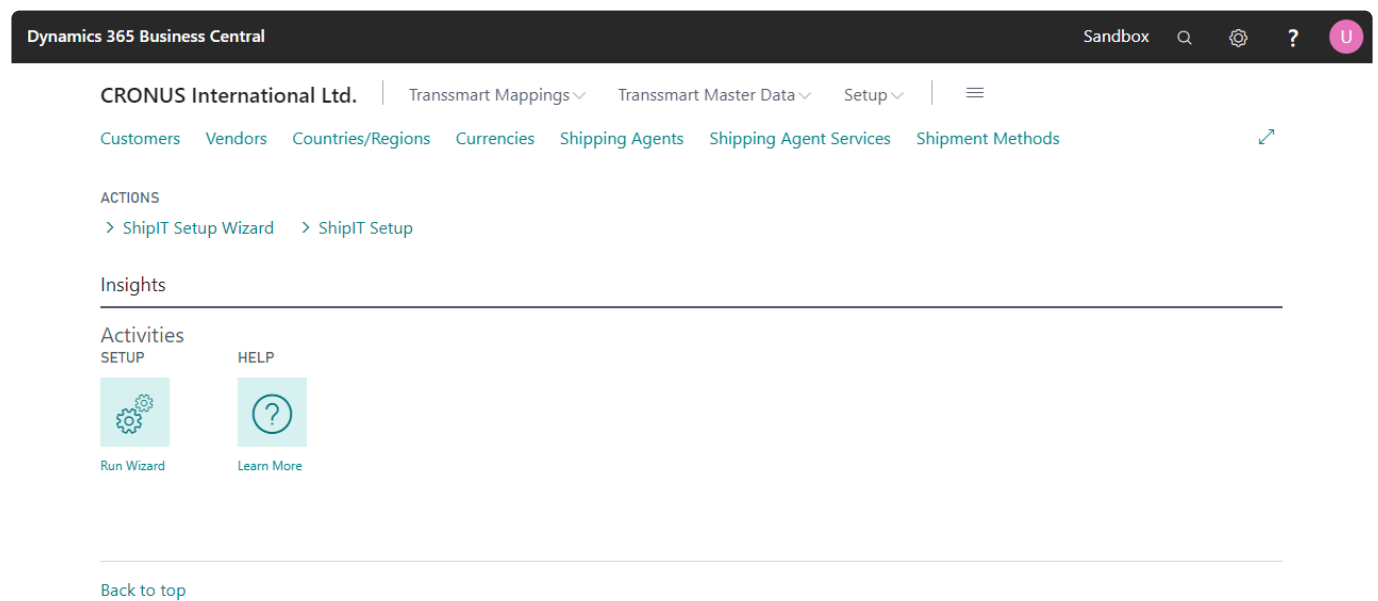
## 3. Setup

---

This section describes the setup process for **ShiplT**.

## 3.1. Initial Setup

After installing the **ShipIT 365** app, you will be able to select the **ShipIT Manager** role. Click the **Run Wizard** action on your role center and complete the steps.



## 3.2. Setup Wizard

---

### Step 1: License key

Enter your '**License Key Code**' in the **License Key** field.

Click **Next**.

### Step 2: Transsmart Credentials & Environment

Enter your Transsmart username in the **Transsmart User Name** field.

Enter your Transsmart password in the **Transsmart Password** field.

Enter your account code in the **Transsmart Account Code** field.

Enter the value '**Acceptance**' in the **Transsmart Environment** field for testing, choose '**Production**' for real use.

Click **Next**.

### Step 3: No. Series & Defaults

Create a new no. series for Transport Orders and mark it as 'Default Nos'.

Enter the new no. series code in the **Transport Order Nos.** field.

Select the country code of the default country in the **Default Ship-to Country** field. (i.e. 'NL' when you are in the Netherlands).

Click **Next**.

### Step 4: Defaults & Delivery

Pick a value for the default cost center in the **Default Cost Center** field.

Pick a default e-mail type in the **Default E-Mail Type** field.

Click **Next**.

### Step 5: Completed

Click **Finish**.

ShiplT is now ready for use.

Dynamics 365 Business Central
Sandbox

CRONUS International Ltd.

Customers Vendors Countries/Regions

ACTIONS

> ShiplT Setup Wizard
> ShiplT Setup Wizard

Insights

Activities

SETUP

HELP

Run Wizard

Learn More

Back to top

SHIPT SETUP WIZARD

X
The ShiplT master data has been successfully updated.

**You have completed the initial ShiplT Setup.**

Please do not forget to:

- + Update/populate additional fields in the ShiplT Setup and add additional Transsmart users in the ShiplT User Setup, if applicable.
- + Map shipping agents, and the services per shipping agent.
- + Map shipping methods.

**Happy shipping!**

Back

Next

Finish

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## 3.3. Transsmart Mappings

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### Transsmart Mappings

Before being able to use ShipIT, some mapping between information in your Business Central environment and Transsmart has to be done.

Some of this work has already been done for you on the background. There are two important mappings however that still have to be done by hand.

- [Shipping Agent Mappings](#)
- [Shipment Method Mappings](#)



## 3.4. Shipping Agent Mappings

### Shipping Agent Mappings

Shipping Agents in Business Central have to be mapped to a carrier. To do this, click **External Mappings** and then **Shipping Agent Mappings**.

Make sure that for each shipping agent code (left column) you also provide a carrier code (external) (right column).

The screenshot displays the 'SHIPPING AGENT MAPPINGS' page in Dynamics 365 Business Central. The page header shows 'Dynamics 365 Business Central' and 'Sandbox'. The main content area has a search bar, a '+ New' button, and a 'More options' menu. The table below shows the mappings:

Shipping Agent Code ↑	Shipping Agent Name	Carrier Code (Transsmart)
DHL	DHL Systems, Inc.	DHL
FEDEX	Federal Express Corporation	FED
→		

A dropdown menu is open for the 'Shipping Agent Code' column, showing a list of codes and names:

Code ↑	Name
→ DHL	DHL Systems, Inc.
FEDEX	Federal Express Corporation
OWN LOG.	Own Logistics
UPS	United Parcel Service of America, Inc.
+ New	Select from full list

Each Shipping Agent has **Shipping Agent Services** which need to be mapped as well. To map these, select a Shipping Agent from the Shipping Agent Mappings List and then click **Ship. Agent Service Mappings**.

Make sure that for each shipping agent service code you provide a booking profile code.

Dynamics 365 Business Central

Sandbox

?

U

←

DHL · DHL SYSTEMS, INC.

✓ SAVED

Shipping Agent Service Mapping

Search

+ New

Edit List

Delete

Open in Excel

Shipping Agent Code ↑ ▼	Shipping Agent Name	Shipping Agent Service Code ↑	Shipping Agent Service Desc.	Booking Profile Code (Trans.)
→ DHL	DHL Systems, Inc.	OVERNIGHT	Overnight delivery	

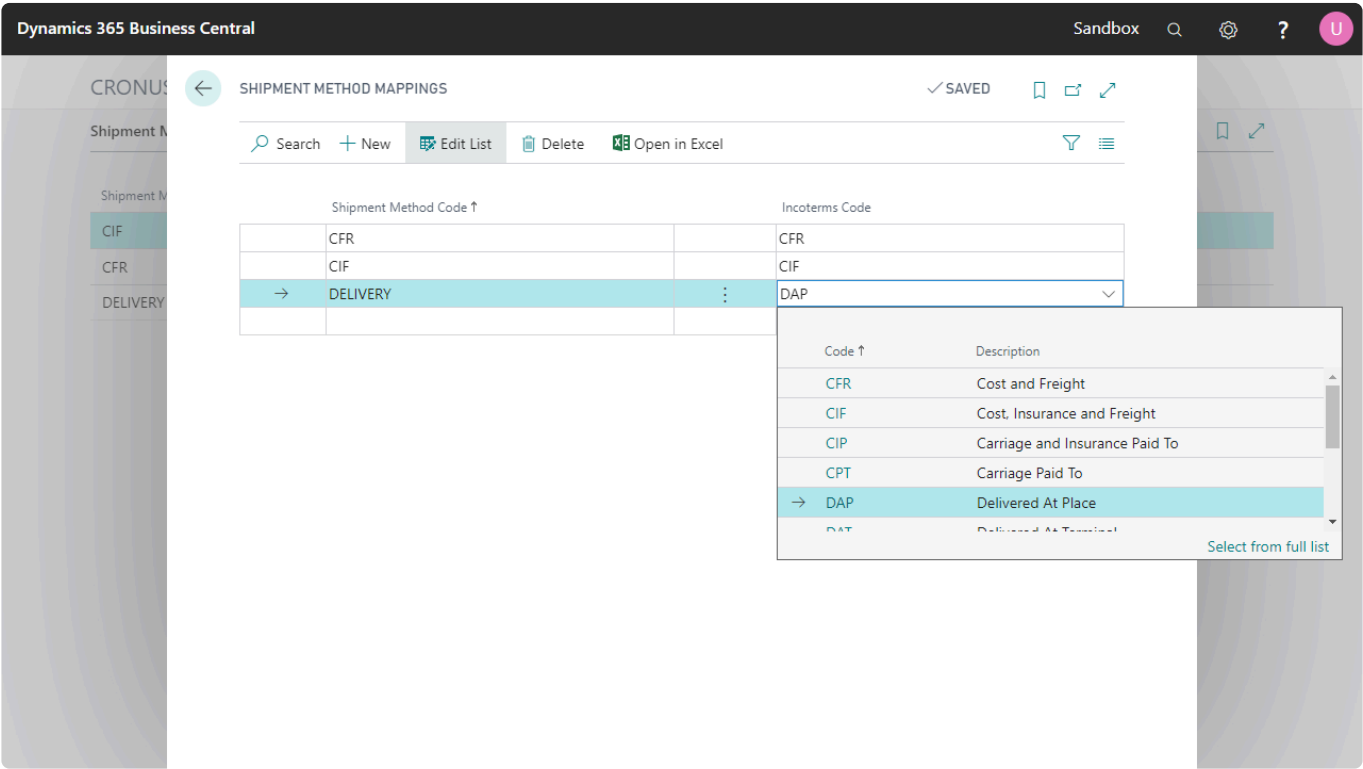
Code ↑	Service Level Code (Time)	Service Level Code (Time)	Service Level Code (Other)	Service Level Code (Other)
→ DHL1	MIDDAY	MIDDAY		
DHL2	STARTDAY	STARTDAY		
DHL3	EXPRESS	EXPRESS		

Select from full list

# 3.5. Shipment Method Mappings

## Shipment Method Mappings

Shipment methods need to be mapped to Transsmart Incoterms. To do so, click **External Mappings** and then **Shipment Method Mappings**.

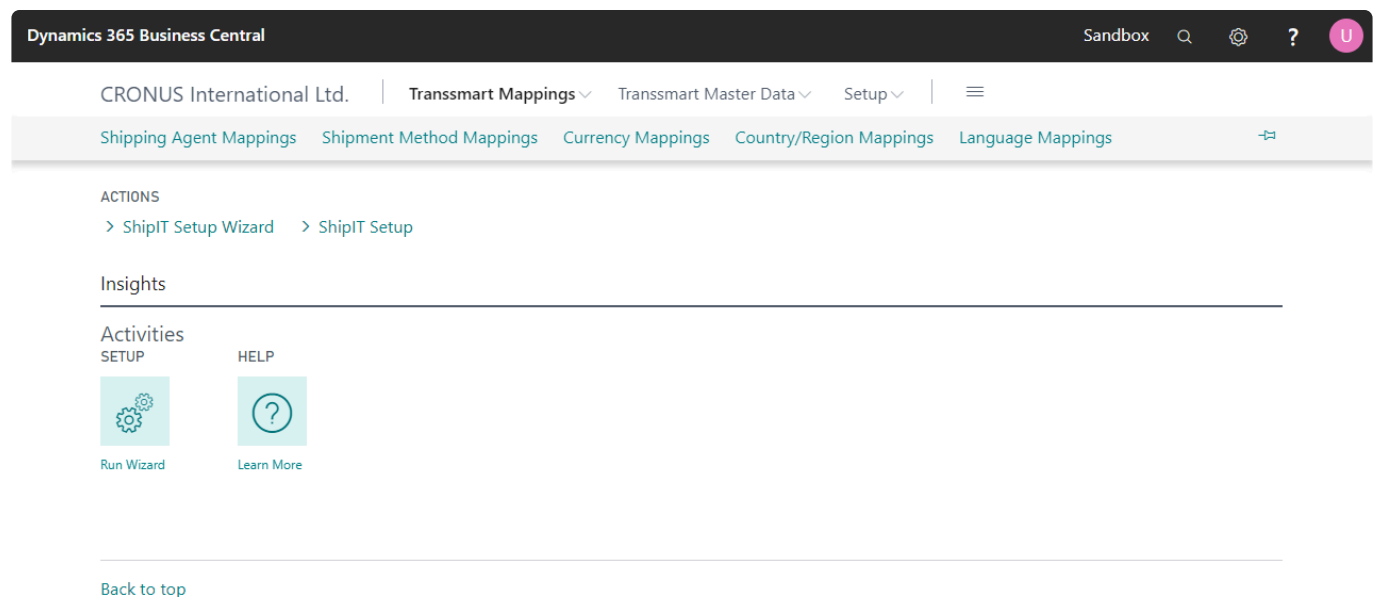


## 3.6. Transsmart Master Data

### Transsmart Master Data

**Transsmart Masterdata** is imported in your Business Central environment during setup. In the Transsmart portal it is possible to make modification to certain datasets. For example, you may want to add package types.

In case you have made changes in the portal after having run the setup wizard in Business Central, you can synchronize the changes by clicking **ShipIT Setup** and then **Update Master Data**.



The screenshot shows the Dynamics 365 Business Central interface. At the top, the header bar displays "Dynamics 365 Business Central" on the left and "Sandbox" with search, settings, and user icons on the right. Below the header, the breadcrumb navigation shows "CRONUS International Ltd." followed by "Transsmart Mappings" (with a dropdown arrow), "Transsmart Master Data" (with a dropdown arrow), and "Setup" (with a dropdown arrow). A horizontal menu below the breadcrumbs lists "Shipping Agent Mappings", "Shipment Method Mappings", "Currency Mappings", "Country/Region Mappings", and "Language Mappings", with a "Refresh" icon on the far right. The main content area is titled "ACTIONS" and contains a breadcrumb trail: "> ShipIT Setup Wizard > ShipIT Setup". Below this, the "Insights" section is visible. Under "Activities", there are two cards: "SETUP" with a gear icon labeled "Run Wizard" and "HELP" with a question mark icon labeled "Learn More". At the bottom of the page, there is a "Back to top" link.

## 3.7. Additional Setup

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### Additional Setup

In the **User Setup** (Click **Setup** and then **User Setup**) you can add additional Transsmart credentials. The user determines which printer has to be used for example.

In case a user is not in the user setup, the default credentials as saved in the ShipIT Setup card are used. Unless modified, these are the credentials that were entered during running the setup wizard.

In the **Customer Setup** E-mail types, Cost Center and Account No. can be recorded. If a customer is in this setup, this information will be used instead of the default values.

The same thing goes for the **Vendor Setup**, **Ship-to Address** and **Order Address**.

You can choose to **Base Transport Orders On**. posted or unposted documents. This can be done on the setup card. To open the setup card click **Setup**.

In case you choose to base your orders on posted documents, you might also want to make Transport Orders automatically when posting the source document. To do this, select **Auto-Create Transport Order(s)**.

If you wish to make the Transport Orders manually. leave this setting to **Do Nothing**.

## 3.8. Customer settings

A new group called **ShipIT 365** has been added to the **Customer Card**.  
This group contains settings specifically for **ShipIT 365**.

Dynamics 365 Business Central

←

Customer Card

✎

+

🗑

10000 · Adatum Corporation

New Document

Approve

Request Approval

Prices & Discounts

Navigate

Customer

More options

General

Show more

No. ....	10000	...	Costs (LCY) .....	26,121.00
Name .....	Adatum Corporation		<b>ShipIT 365</b>	
Balance (LCY) .....		0.00	Account No. ....	
Balance Due (LCY) .....		0.00	Cost Center .....	▼
Credit Limit (LCY) .....		0.00	E-Mail Type .....	▼
Blocked .....		▼	Shipping Surcharge (Fixed ...	0.00
Total Sales .....		51,112.00	Shipping Surcharge (Perce...	0.00

In previous versions, these settings were stored in the **ShipIT 365 Customer Setup** table.  
As of version 18.5.10168.0, they have been moved to an extension on the **Customer**.

# 3.9. Vendor settings

A new group called **ShipIT 365** has been added to the **Vendor Card**.  
This group contains settings specifically for **ShipIT 365**.

Dynamics 365 Business Central

← Vendor Card

+

10000 · Fabrikam, Inc.

Process

Request Approval

New Document

Navigate

Vendor

More options

General

Show more

No.10000

...

Balance Due (LCY)1,267.50

NameFabrikam, Inc.

ShipIT 365

Blocked

Cost Center

Balance (LCY)1,267.50

E-Mail Type

In previous versions, these settings were stored in the **ShipIT 365 Vendor Setup** table.  
As of version 18.5.10168.0, they have been moved to an extension on the **Vendor**.

## 4. Transport Order

---

This section describes how to work with **Transport Orders**.



## 4.1. Creating a New Transport Order

---

Transport orders can be created with many different source document types. When making Transport Order manually, it basically works the same for all document types.

There is only one exception to this, the Worksheet Lines.

- [Sales Order](#)
- Sales Return Order
- Purchase Order
- Service Order
- Transfer
- Warehouse Shipment
- Sales Shipment
- Return Shipment
- Service Shipment
- Transfer Shipment
- Return Receipt
- [Worksheet Lines](#)

## 4.1.1. Automatically

---

On the **Setup Card** make sure to set **Base Transport Order On** to **Posted Documents**.  
Next, for each document type, set the **After Posting...** to **Auto-Create Transport Order(s)**.

Now, when posting a source document, a Transport Order will be created automatically.

## 4.1.2. Manually from an order

On the **Order Card**, make sure you have at least one line with a **ShipIT Quantity To Send** larger than 0. Release the order and click on the **Create Transport Order** action.

**Dynamics 365 Business Central** | Sandbox | ? | U

SALES ORDER | WORK DATE: 4/8/2019

101005 · Adatum Corporation

Process | Release | Posting | Prepare | Order | Request Approval | Print/Send | Navigate | More options

Create Transport Order | Create Inventory...t-away/Pick...

Customer Name: Adatum Corporation | Due Date: 5/8/2019

Contact: Robert Townes | Requested Delivery Date:

Posting Date: 4/8/2019 | External Document No.:

Order Date: 4/8/2019

Type	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT	Qty. to Ship	ShipIT Quantity To Send	ShipIT Quantity Sent	Quantity Shipped
→ Item	PCS	649.40		649.40	1	1.00	0.00	

After creating the **Transport Order**, click **Yes** to open the **Transport Order Card**.

**Dynamics 365 Business Central** | Sandbox | ? | U

SALES ORDER | WORK DATE: 4/8/2019

101005 · Adatum Corporation

Process | Release | Posting | Prepare | Order | Request Approval | Print/Send | Navigate | More options

**General** | Show more

Customer Name: Adatum Corporation | Due Date: 5/8/2019

Contact: Robert Townes | Requested Delivery Date:

Posting Date: 4/8/2019 | External Document No.:

Order Date: 4/8/2019

1 transport order(s) was/were created/updated. Do you want to open the newly created and/or updated orders?

Yes | No

Type	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT	Qty. to Ship	ShipIT Quantity To Send	ShipIT Quantity Sent	Quantity Shipped
→ Item	PCS	649.40		649.40	1	1.00	0.00	

## 4.1.3. Manually from Worksheet Lines

---

Click **Transport Worksheet**, the Transport Worksheet List Page opens. When there are records available (see [Filter Templates](#) to find out how the make Worksheet Lines)

Click **Create Transport Orders** to make Transport Orders based on the present Worksheet Lines.

## 4.1.4. Combining shipments

---

By default, ShipIT 365 will combine source lines into the same open transport order when the following fields are identical.

- Shipping Agent Code
- Shipping Agent Service Code
- Shipment Method Code
  
- E-Mail Type
- Cost Center
  
- Preferred Pick-up Date From
- Preferred Delivery Date From
  
- Address (Pick-up)
- Address 2 (Pick-up)
- Post Code (Pick-up)
- City (Pick-up)
- County (Pick-up)
- Country/Region Code (Pick-up)
- VAT Registration No. (Pick-up)
  
- Address (Ship-to)
- Address 2 (Ship-to)
- Post Code (Ship-to)
- City (Ship-to)
- County (Ship-to)
- Country/Region Code (Ship-to)
- VAT Registration No. (Ship-to)
  
- Address (Invoice)
- Address 2 (Invoice)
- Post Code (Invoice)
- City (Invoice)
- County (Invoice)
- Country/Region Code (Invoice)
- VAT Registration No. (Invoice)

To disable the combine function, open the ShipIT 365 setup card and enable '**Always New Trns. Order**'.

## 4.2. Transport Worksheet

---

Instead of creating Transport Orders directly from (un)posted documents or automatically while posting a document, it is also possible to make transport order worksheet lines based on filters.

Transport Orders then can be made from these worksheet lines.

In the **Sales Order Processor** Role Center, click **ShiplT** and then **Transport Worksheet**. A page opens from where [filter templates](#) can be made, source documents for existing worksheet lines can be opened and [transport orders](#) can be made.

First you will have to set up filters to base the worksheet lines on. To do so, click **Filter Templates**.

## 4.2.1. Filter Templates

---

The **Filter Templates List Page** shows an overview of available Filter Templates.

From here you can make new templates and create worksheet lines from source document lines, based on a selected template.

### Creating a new Filter Template

To create a new template, click **new**. The **Source Document Filter Card** opens.

First, give your new template a Code and Description. These fields are mandatory, while all other fields are optional.

Next, set all applicable filter fields. For example, in case you want to make Transport Orders for Sales Order lines where the Shipping Agent Code is UPS and the Shipping Method is DAP, only set those three fields and leave the rest empty.

Close the filter card.

### Make Worksheet Lines

When there are Source Document Filter Templates available, you can select one and click **Make Worksheet Lines**. Now worksheet lines are made for all lines that are within the selected filter.

## 4.3. Transport Order Card

To open a **Transport Order Card** go to **ShipIT** and then click **Transport Orders**. Click on one of the records to open the card page.

### General

No.	Transport Order No.
Description	Source Type and No.
Status	Current Status of the Transport Order
Shipment Method Code	The shipping method code has to be present in the <a href="#">Shipment Method Mappings table</a>
Shipping Agent Code	The shipping agent code has to be present in the <a href="#">Shipping Agent Mappings table</a> .
Shipping Agent Service Code	The shipping agent service code has to be present in the <a href="#">Shipping Agent Service Mappings table</a> .
Tracking No.	Provide by the carrier, this field will be filled after successfully booking the order.
Tracking URL	Provide by the carrier, this field will be filled after successfully booking the order.
Preferred Pick-up	Based on date from source document and times in setup
Preferred Delivery	Based on date from source document and times in setup

### Source Lines

These are the items that are in the shipment.

### Packages

In this part the packages that will be shipped have to be defined. [Package types](#) have to be available in the Transsmart Portal in order to be able to use them here.

### Delivery Notes

Here you can provide extra information on what is inside the package.

### Addresses

The three address tabs show the pick-up address, ship-to address and invoice address Mandatory address fields are marked with a red star.

### Additional References

Here additional reference to source documents and an instruction can be added to the transport order.



## Totals

Totals are calculated automatically. Keep in mind that value cannot be 0, transsmart will not accept the order.

## 4.3.1. Carrier Selection

---

On the **Transport Order Card Page** click **Carrier Selection**. A list pages that shows all available carries services and their rates, delivery dates, etc. opens. Select the best option and click **close**.

## 4.3.2. EORI numbers

Fields **'EORI Number (Pick-up)'** and **'EORI Number (Ship-to)'** on the **Transport Order card** will be sent to Transsmart while booking the transport order.

**Transport Order Card**  
1300101 · Order 101006

Carrier Selection Book Book and Print Archive More options

**Pick-up Address** Show less

Type (Pick-up)	Location	City (Pick-up)	Amsterdam
No. (Pick-up)	MAIN	County (Pick-up)	
Code (Pick-up)		Country/Region Code (Pick-up)	NL
Name (Pick-up)	Main Warehouse	Contact (Pick-up)	Eleanor Faulkner
Address (Pick-up)	Gustav Mahlerlaan 10	Phone No. (Pick-up)	+44-(0)10 5214 4987
Street (Pick-up)	Gustav Mahlerlaan	Fax No. (Pick-up)	+44-(0)10 5214 0000
House No. (Pick-up)	10	E-Mail (Pick-up)	
Address 2 (Pick-up)		VAT Registration No. (Pick-up)	777777777
Post Code (Pick-up)	1082PP	<b>EORI Number (Pick-up)</b>	<b>NL987654312000</b>

**Ship-to Address** Show less

Type (Ship-to)	Customer	City (Ship-to)	Eindhoven
No. (Ship-to)	10000	County (Ship-to)	
Code (Ship-to)		Country/Region Code (Ship-to)	NL
Account No.		Contact (Ship-to)	Robert Townes
Name (Ship-to)	Adatum Corporation	Phone No. (Ship-to)	+31624724791
Address (Ship-to)	Vestdijk 18	Fax No. (Ship-to)	
Street (Ship-to)	Vestdijk	E-Mail (Ship-to)	robert.townes@contoso.com
House No. (Ship-to)	18	VAT Registration No. (Ship-to)	
Address 2 (Ship-to)		<b>EORI Number (Ship-to)</b>	<b>NL987654313000</b>
Post Code (Ship-to)	5611CC		

**Delivery Route**

Map showing route from Amsterdam to Eindhoven.

**External Details**

Status (External)	
Carrier Code (External)	EEEX
Booking Profile Code (Ext.)	EEEX1
Service Level Code (Time)	EUROPLUS
Service Level Code (Other)	
Incoterms Code	DAP

**Log**

Date/Time	User ID
4/1/2021 3:28 PM	USER

When creating a new Transport Order, **'EORI Number (Pick-up)'** will first be validated with the value from the **Company Information**.

**On validate of 'No. (Pick-up)':**

If **'Type (Pick-up)'** equals 'Customer', 'EORI Number (Pick-up)' will be validated with the value from Customer. If **'Type (Pick-up)'** equals 'Vendor', 'EORI Number (Pick-up)' will be validated with the value from Vendor.

**On validate of 'No. (Ship-to)':**

If **'Type (Ship-to)'** equals 'Customer', 'EORI Number (Ship-to)' will be validated with the value from Customer. If **'Type (Ship-to)'** equals 'Vendor', 'EORI Number (Ship-to)' will be validated with the value from Vendor.

## 4.4. Background booking

---

If enabled in the ShiplT Setup, booking of transport orders will be handled by the task scheduler. On the transport order card, a new section will be visible after background booking. Containing the booking date and user ID.

Codeunit **11147664 (IDYS Backgr. Booking Scheduler)** should be added as a job queue entry to enable this feature.

## 4.5. Adding freight costs to sales orders

If enabled in the ShiplT 365 setup, freight costs will be added to sales orders automatically after selecting a rate. Adding a **Shipping Cost Surcharge (%)** will add a fixed percentage to the selected rate.

### Shipping Costs

Add Freight Line ..... ☐

Shipping Cost Surcha...

10,00

To add freight costs to a sales order, use the **'Carrier Selection'** action on the sales order card and select a carrier/rate.

**Dynamics 365 Business Central**

Sales Order

101010 · Adatum Corporation

Process Release Posting Prepare Order Request Approval Print/Send Navigate More options

**Carrier Selection** Create Transport Order Create Invento...away/Pick...

Customer Name ..... Adatum Corporation ..... Due Date ..... 4-2-2021

Contact ..... Robert Townes ..... Requested Delivery Date ..... 7-1-2021

Posting Date ..... 4-1-2021 ..... External Document No. ....

Order Date ..... 4-1-2021 ..... Status ..... Open

Lines | Manage | More options

Type	No.	Variant Code	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Q
→ Item	1896-S		ATHENS Desk	MAIN	10		
G/L Account	8240		Freight Amount	MAIN	1		

**Transport Order Details**

Transport Order No. TR030332

Order Header Status Label Printed

No. of Transport Orders 1

Shipment Value 6.494.00

Shipment Cost 5.20

Spot Price 0.00

Tracking No. JVGL0523847203344467

Trac... <https://www.dhlparcel.nl/nl/consument/vol...>

**Packages**

Package Type Code Package Type

BOX BOX

## 4.6. Logging

**DISCLAIMER:** Please disable debug-level logging after troubleshooting issues to avoid unnecessary database size. ShiplT 365 will not clean this log automatically.

ShiplT 365 can log JSON requests and responses from API calls to Transsmart.

To enable this level of logging, open the 'ShiplT 365 Setup Card'.

In the 'Logging' group, set 'Enable Debug Mode' to true.

### Setup

 Update Master Data    Verify Setup    Update Combinability ID's

General >

Unposted documents

Acceptance

License Key >

Default settings >

Shipping Costs >

Logging

Enable Debug Mode ☒

Logging Level

To view the log, book a Transport Order and navigate to 'Administration -> Log' from the ShiplT Manager role center.



3

## General

Transport Order No. ....	1300101	Date/Time .....	4/2/2021 10:52 AM
Description .....	Uploaded to Transsmart	User ID .....	USER
Level .....	Information		

## Request

```

1 {
2   "reference": "1300101",
3   "description": "Order 101006",
4   "mailType": "0",
5   "loadmeters": 0,
6   "instruction": "",
7   "value": 649.4,
8   "currency": "",
9   "valueCurrency": "",
10  "spotPriceCurrency": "",
11  "spotPrice": 0,
12  "service": "NON-DOCS",
13  "carrier": "EEX",
14  "executingCarrier": "EEX",
15  "serviceLevelTime": "EUROPLUS",
16  "incoterms": "DAP",
17  "costCenter": "DEFAULT",
18  "language": "GB",
19  "pickupDate": "2021-04-06",
20  "pickupTime": "08:00",
21  "pickupTimeTo": "17:00",
22  "requestedDeliveryDate": "2021-04-07",
23  "requestedDeliveryTime": "00:00",

```

## Response

```

1 {
2   "reference": "1300101",
3   "awb": "JVGL0523847203345826",
4   "carrier": "EEX",
5   "executingCarrier": "EEX",
6   "pieces": 1,
7   "weight": 1,
8   "service": "NON-DOCS",
9   "serviceLevelTime": "EUROPLUS",
10  "serviceLevelOther": "",
11  "incoterms": "DAP",
12  "price": 5.2,
13  "currency": "EUR",
14  "pickupDate": "2021-04-06",
15  "trackingUrl": "https://www.dhlparcel.nl/nl/consument/volg-je-pakket?tc=JVGL0523847203345826&lc=nl-NL",
16  "shipmentStatus": {
17    "statusCode": "NEW",
18    "plannedDeliveryDate": "2021-04-07",
19    "plannedDeliveryTime": "17:00:00"
20  },
21  "packages": [
22    {
23      "sequence": "1",

```

## 5. Customizing ShiplT 365

If you have used our ISV solutions in the past, you might wonder why you can't change or view our base code in our Business Central apps/extensions. There's a very good reason for that: **upgradability**.

We've noticed that opening up our base code for changes lead to out-dated software at our end users. Partners didn't want to upgrade customer installations because they had modified the application. So instead of updating to newer versions, partners started demanding bug fixes and new features to be added in out-dated releases. This is unrealistic and unmanageable for an ISV. We maintain the software, fix bugs and add features. It is up to the partner to keep their customers up to date.

In order to customize our apps you can now use a list of events that are being called at important points in the base app. If an event publisher contains a '**Handled**' parameter, you can't completely over-rule that part of the base application. Just set the parameter to 'true' to let the base app know that you've handled the call yourself and that it can exit without executing the base code.

Available event publishers:

TYPE	ID	NAME	EVENT NAME	EVENT TYPE	APPLICATION
Codeunit	11147685	IDYS Publisher	OnBeforeCreateTransportOrder	IntegrationEvent	ShiplT 365
Codeunit	11147685	IDYS Publisher	OnAfterCreateTransportOrder	IntegrationEvent	ShiplT 365
Codeunit	11147685	IDYS Publisher	OnBeforeCreateTransportOrderLine	IntegrationEvent	ShiplT 365
Codeunit	11147685	IDYS Publisher	OnAfterCreateTransportOrderLine	IntegrationEvent	ShiplT 365
Codeunit	11147685	IDYS Publisher	OnBeforeTransportOrderBook	IntegrationEvent	ShiplT 365
Codeunit	11147685	IDYS Publisher	OnAfterTransportOrderBook	IntegrationEvent	ShiplT 365



## 6. FAQ

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### Frequently Asked Questions

Question not listed below? Please contact [support@idyn.nl](mailto:support@idyn.nl).

#### **Why do I need a Transsmart account?**

ShiplT is the connection between your BC environment and Transsmart. Whereas Transsmart connects with numerous carriers world wide.

#### **How do I get a Transsmart account?**

To obtain a Transsmart account, contact [sales@idyn.nl](mailto:sales@idyn.nl).

#### **Does ShiplT work with posted or unposted documents?**

Both is possible, in the setup you can pick either one of these options. In addition to this, it is possible to automatically make Transport Orders when posting a source document.

#### **We work with more than one label printer, how does ShiplT deal with that?**

In the user setup, you can add Transsmart Credentials per user. Depending on which user booked a the Transport Order, the printer associated with his/her account will used to print the label.