



Shipping & Mailing  
Outbound and Inbound Package Management

# SendPro<sup>®</sup> Enterprise Data Management

Data Import/Export User Guide

## Introduction

Use the Data Management feature to manage your SendPro<sup>®</sup> Enterprise data. This can be done using the Import and Export tabs in the Administration App's Data page, or using the Data Management App.

This guide applies to SendPro<sup>®</sup> Enterprise v8.56 and Data Management App 1.7 or higher.

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1	6/14/2023	Document authored.	A	Michael Beausoleil
2	9/28/2023	Editorial corrections; added export field order; noted billable services; updated Products table required fields and expanded import/export file delimiter support for v.8.56.	B	Michael Beausoleil

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## SendPro® Enterprise Data Management

SendPro® Enterprise facilitates the import and export of administrative and transactional data via the Administration and Data Management Apps.

- Importing and exporting data
- Local and remote (SFTP; Dropbox) sources
- Supported formats:
  - Import – CSV; Pipe (|) or Semi-colon (;) delimited TXT; XML
  - Export – CSV; Pipe (|) or Semi-colon (;) delimited TXT
- Reusable templates
- Scheduled execution
- Job history and status

## Technology

Data Management functionality is available as a snippet called Data Management and can be integrated into any SendPro Enterprise App by a Pitney Bowes professional\*.

\*Billable service

Snippets are controls that perform a specific function. Snippets combine any number of controls (Tools) to achieve this. A wide range of snippets are available to expedite App development.

The Data Management snippet allows users to import and export data. Data import and export is managed by a wizard that guides you through the entire configuration process. Use the wizard to choose your preferred file transfer option, provide custom mappings, create a reusable file import/export template, or schedule a regular data update.

## Supported Entities

The following entities (tables) are exposed for use with Data Management:

Entity	Import	Export	*Filter?
Accounts	Yes	Yes	No
Account Codes	Yes	Yes	No
Address Book Type Permissions	Yes	Yes	No
Bulk List Contacts	Yes	Yes	No
Carrier Rating	Yes	Yes	No
Carrier Rating Options	Yes	Yes	No
Carton Configurations	Yes	Yes	No
Cartonization Groups	Yes	Yes	No
Cartonization Group Config Mappings	Yes	Yes	No
Carton Package Mappings	Yes	Yes	No
Company Codes	Yes	Yes	No
Contacts	Yes	Yes	No
*Contents	No	Yes	Yes
Consolidated Shipping Defaults	Yes	Yes	No
Cost Centers	Yes	Yes	No
*Cost Center Chargeback	No	Yes	Yes
Custom Code Translations	Yes	Yes	No
Customers	Yes	Yes	No
International Defaults	Yes	Yes	No
Importer Of Record Facilities	Yes	Yes	No
Locations	Yes	Yes	No
Number Ranges (Package Numbers)	Yes	Yes	No
Outputs	Yes	Yes	No
*Packages	No	Yes	Yes
Pending	Yes	Yes	No
Products	Yes	Yes	No
Profiles	Yes	Yes	No
Rate Groups	Yes	Yes	No
Rate Group Members	Yes	Yes	No
Security Credentials	Yes	Yes	No
*Shipments	No	Yes	Yes
*Shipments Special Services	No	Yes	Yes
*Shipments Transactions	No	Yes	Yes
Shipping Keys	Yes	Yes	No
Shipping Order Header	Yes	Yes	Yes
Third Parties	Yes	Yes	No
User Defaults	Yes	Yes	No
Users	Yes	Yes	No

\*Available as export sources only.

## Accessing Data Management

The Data Management snippet is natively available in the Administration and Data Management apps. Access to the Administration app is managed by Pitney Bowes. Customer Administrators regulate users' access to Data Management through the Supervisor app. The snippet behaves identically in both apps. Therefore, this document will always refer to the Data Management App as it serves the widest audience.

### To access the Data Management App:

1. Confirm with your administrator that you are **permitted** access to the **Data Management** app.
2. Log into **SendPro® Enterprise**.
3. Select **My Apps** from the horizontal toolbar.
4. Select the **Data Management** App.
  - a. **NOTE:** Your administrator may have elected to rename the app. If Data Management is not listed, confer with your administrator.

## Importing Data

### Configuring an Import

Follow these steps to configure and optionally save an import template:

1. **Start the Import Wizard.**
  - a. Have the Data Management app open (see [Accessing Data Management](#)).
  - b. Select the Import tab.
    - i. **NOTE:** This tab is selected by default.
  - c. Select **+SETUP IMPORT**.
2. **Configure the data file source.**
  - a. Local Computer
    - i. Select **Local Computer**.
    - ii. Select **CHOOSE**.
    - iii. Using the file browser control, navigate to and select the file to be imported.
    - iv. Select **Open**.
    - v. Select **NEXT**.
    - vi. **Confirm** the file selected in step 2.a.iii is shown.
      1. If the import file has a txt extension, select the delimiter used in the file:
        - a. Comma (,)
        - b. Pipe (|)
        - c. Semi-colon (;)
    - vii. Select **NEXT**.
  - b. DropBox
    - i. Select **DropBox**.

- ii. At the prompt, select **OK**.
  - 1. **NOTE**: You will be redirected to DropBox.com in a new tab.
- iii. **Login** to DropBox.
- iv. Select **Continue**.
- v. Select **Allow**.
- vi. **Copy** the **Access Code** displayed.
- vii. Return to the **Data Management** app.
- viii. **Paste** the **Access Code** into the field provided.
- ix. Select **Request Access Token**.
- x. Select the **Folder** containing the import file.
- xi. Select **NEXT**.
- xii. Select the **File** to be imported.
- xiii. Select **NEXT**.
- c. SFTP Location
  - i. Select **SFTP Location**.
  - ii. Input the following information in the fields provided:
    - 1. **Host (required)**: The SFTP host URL.
    - 2. **Port (required)**: The port to use for communicating with the SFTP host.
    - 3. **Username (required)**: The login username.
    - 4. **Password (required)**: The login password.
    - 5. **Default Directory (optional)**: The path to the target directory.
  - iii. Select **NEXT**.
  - iv. Select the **File** to be imported.

### 3. Map Fields

- a. Confirm Data Management has successfully opened the file by observing the preview. If accurate, select confirm data matches the headers. If not, close the wizard, verify your file, then try again.
- b. Select **NEXT**.
- c. From the choose data type dropdown, select the entity (table) into which the data will be imported.
  - i. **NOTE**: Data Management will attempt to automatically create mappings where the file header and destination entity header values match.
- d. For each field to be imported, confirm the field mappings:
  - i. Create a Mapping.
    - 1. Select an **unmapped** field from the **left** column.
      - a. **NOTE: Unmapped** fields **do not** have **colored icons** featuring an image of a linked chain.
    - 2. Select the **destination** field from the **right** column.
      - a. Successful mapping will be represented by a **colored icon** featuring an image of a **linked chain**.
  - ii. Delete a Mapping.



1. **Hover** over the **colored icon** featuring an image of a linked chain for a mapping to be deleted. The chain will become a **trash can**. Select the **trash can** to delete the mapping.
  - a. **NOTE:** All mappings can be deleted in batch by selecting the **ALL MAPPINGS** delete button.
  - iii. Once all mappings have been created, select **NEXT**.
4. **Confirm Configuration**
  - a. Confirm the configuration by selecting **NEXT**.
5. **Select Options**
  - a. Schedule (DropBox and SFTP only).
    - i. See [Job Scheduling](#) for more information.
  - b. Save as a Template.
    - i. Select **Save as a Template**.
    - ii. Enter a **name** for the template.
  - c. Enable Email Notifications.
    - i. Select **Enable Email Notifications**.
    - ii. Enter **email addresses**, each separated by a comma.
  - d. Select **NEXT**.
6. **Execute**
  - a. Select **RUN**.
7. **Close**
  - a. Select **CLOSE** to close the Data Management wizard.

## Exporting Data

### Configuring an Export

Follow these steps to configure and optionally save an export template:

#### 1. Start the Export Wizard

- a. Have the Data Management app open (see [Accessing Data Management](#)).
- b. Select the Export tab.
  - i. **NOTE:** The Import tab is selected by default.
- c. Select **+SETUP EXPORT**.

#### 2. Configure the export file destination

- a. Local Computer
  - i. Select Local Computer.
  - ii. Select **NEXT**.
- b. Drop Box
  - i. Select DropBox.
  - ii. At the prompt, select **OK**.
    1. **NOTE:** You will be redirected to DropBox.com in a new tab.
  - iii. **Login** to DropBox.
  - iv. Select **Continue**.
  - v. Select **Allow**.
  - vi. **Copy** the **Access Code** displayed.
  - vii. Return to the **Data Management** app.
  - viii. **Paste** the **Access Code** into the field provided.
  - ix. Select **Request Access Token**.
  - x. Select the **Folder** to which the file will be exported.
  - xi. Select **NEXT**.
- c. SFTP
  - i. Select **SFTP Location**.
  - ii. Input the following information in the fields provided:
    1. **Host (required)**: The SFTP host URL.
    2. **Port (required)**: The port to use for communicating with the SFTP host.
    3. **Username (required)**: The login username.
    4. **Password (required)**: The login password.
    5. **Default Directory (optional)**: The path to the target directory.
  - iii. Select **NEXT**.

#### 3. Select the export data source

- a. From the dropdown list, select the data source to export.

#### 4. Optionally apply a filter

(not all entities support filtering). Refer to [Date Filter Behavior](#) to learn more about filtering.

- a. Select **+ ADD FILTER**
- b. Select the field to be evaluated.


- c. Select the operator.
- d. Enter the operator parameters.
- e. Optionally select +ADD FILTER again to add an AND filter.
  - i. NOTE: Data Management filters do not support OR logic.
- f. Select NEXT.

## 5. Map Fields

- a. Configure the export mapping using one any of the methods below:
  - i. Accept default mappings.
    - 1. Data Management will select all fields for export by default. Select **NEXT, and** then proceed to step 6.
  - ii. Optionally **delete and create mappings** using one of the following methods. Once complete, select **NEXT** and proceed to step 6.
    - 1. **Delete a Single Mapping.**
      - a. **Hover** over the **colored icon** featuring an image of a linked chain for a mapping. The chain will become a **trash can**. Select the **trash can** to delete the mapping.
    - 2. **Delete All Mappings.**
      - a. Remove all mappings with the **ALL MAPPINGS** button.
    - 3. **Create New Mapping.**
      - a. Select the **field** to map from the **right panel**.
      - b. Select the **field** to link from the **left panel**. Successful mapping will be represented by a **colored icon** featuring an image of a **linked chain**.
    - 4. **Delete All ID Mappings.**
      - a. Remove all ID field mappings with the **ID MAPPING** button. This will un-map all primary and foreign key ID values from the export configuration.
    - 5. **Add new columns and Auto Map** (compares the source column and destination column names, linking them where there is an exact match).
      - a. To create an automatic mapping, repeat the following for every column:
        - i. Select **+COLUMN** if the column doesn't already exist.
        - ii. Select the **pencil icon** next to the label **Blank Column** in the new record in the **right panel** or leave the current value if already named correctly.
        - iii. Enter the **exact name of a System column** from the **left panel**.
        - iv. Select the **Save** icon.
        - v. Select **AUTO MAP**.
    - 6. **Optionally rename export headers.**

- a. Select the **pencil icon** next to the field label in the **right column** you'd like to change.
- b. Enter a **new name**.
- c. Select the **Save** icon.

## 6. Optionally Change the Field Order

- a. To change the field order:
  - i. **Click and hold** the **handle**  on the far right of the destination field in the **right panel** to be moved.
  - ii. **Drag** the field to the desired new position.
  - iii. **Release** the field. The linked source field in the **left panel** will change positions to match the destination field position.

## 7. Confirm or Add Files

- a. Select **NEXT** to confirm the configuration or select ENTITY LIST to reconfigure.
- b. Optionally select PROCESS ANOTHER FILE and repeat steps 3 through 5 for each file you'd like to include in the export collection then select **NEXT**.

## 8. Select Options

- a. Schedule (DropBox and SFTP only).
  - i. See [Job Scheduling](#) for more information.
- b. Save as a Template.
  - i. Select **Save as a Template**.
  - ii. Enter the **template name**.
- c. Enable Email Notifications.
  - i. Select **Enable Email Notifications**.
    1. Enter **email addresses**, each separated by a comma.
- d. Delimiter.
  - i. Use the dropdown list to select the preferred **delimiter**:
    1. Comma (,).
    2. Pipe (|).
    3. Semi-colon (;).
- e. Suppress Header Row.
  - i. Select **Suppress Header Row** to suppress exporting the header row.
- f. Remove Trademark and Registered Symbols.
  - i. Select **Remove Trademark and Registered Symbols** to have those values removed from all fields of the export file.

## 9. Execute

- a. Select **RUN**.

## 10. Save

- a. If Local Computer was selected as the export destination, use the **file browser** to select the **save location** for the file.
  - i. NOTE: The file will be archived in a ZIP file. **Extract** the files to view them.

## 11. Close

- a. Select **CLOSE** to close the Data Management wizard.

## Execution, Status, History, and Management

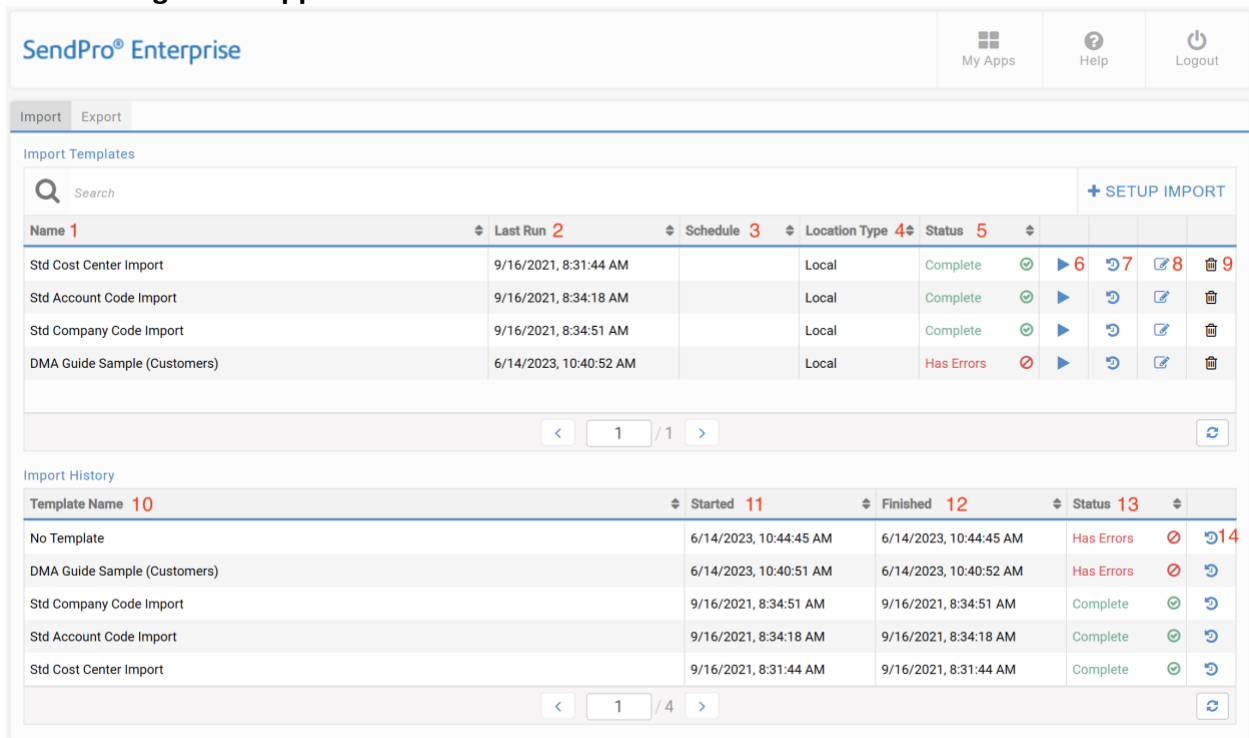
Data Management provides users a means to:

1. Execute saved templates
2. View the history of jobs
3. Review job status
4. Download error logs

Opening the Data Management app reveals two data grid sections applicable to both the Import and Export tabs:

1. Upper: Templates
2. Lower: Job History

### Data Management App



The screenshot displays the SendPro Enterprise Data Management App interface. At the top, there are navigation options: "My Apps", "Help", and "Logout". Below this, the "Import" tab is selected, showing two main sections: "Import Templates" and "Import History".

**Import Templates Section:**

Name 1	Last Run 2	Schedule 3	Location Type 4	Status 5				
Std Cost Center Import	9/16/2021, 8:31:44 AM		Local	Complete	▶ 6	↺ 7	📄 8	🗑️ 9
Std Account Code Import	9/16/2021, 8:34:18 AM		Local	Complete	▶	↺	📄	🗑️
Std Company Code Import	9/16/2021, 8:34:51 AM		Local	Complete	▶	↺	📄	🗑️
DMA Guide Sample (Customers)	6/14/2023, 10:40:52 AM		Local	Has Errors	▶	↺	📄	🗑️

**Import History Section:**

Template Name 10	Started 11	Finished 12	Status 13	
No Template	6/14/2023, 10:44:45 AM	6/14/2023, 10:44:45 AM	Has Errors	🗑️ 14
DMA Guide Sample (Customers)	6/14/2023, 10:40:51 AM	6/14/2023, 10:40:52 AM	Has Errors	🗑️
Std Company Code Import	9/16/2021, 8:34:51 AM	9/16/2021, 8:34:51 AM	Complete	↺
Std Account Code Import	9/16/2021, 8:34:18 AM	9/16/2021, 8:34:18 AM	Complete	↺
Std Cost Center Import	9/16/2021, 8:31:44 AM	9/16/2021, 8:31:44 AM	Complete	↺

Figure 1: Data Management App

### Upper – Import/Export Templates

#	Name	Description
1	Template Name	The name of the saved template.
2	Last Run	Date stamp of last execution.
3	*Schedule	Schedule, if applicable.
4	Location Type	Location type (Local; DropBox, SFTP)
5	Status	Current job status.
6	Run	Select this button to execute the export.
7	History	Select this button to open the template execution history view.
8	Edit	Select this button to edit the saved template.
9	Delete	Select this button to delete the saved template.

\*Applies to DropBox and SFTP data sources/destinations.

### Lower – Import/Export History

#	Name	Description
10	Template Name	The name of the template (will read No Template if the export configuration was not saved.
11	Started	Job start date stamp.
12	Finished	Job end date stamp.
13	Status	Current job status.
14	History	Select this button to open the job execution history view.

Saved templates may be executed, edited, and deleted in Data Management. Furthermore, history and error details are available.

### Manage Saved Templates

To manage a saved template:

1. Have the **Data Management** app open (see [Accessing Data Management](#)).
2. Select the **Import** or **Export** tab as is appropriate.
3. In the **upper grid**, select the **template** with which to work.

The following options are available:

- a. **Execute.**
  - i. Select the Play icon to execute the saved template.
- b. **History**
  - i. Select the Clock icon to view the execution history.
    1. If the job has execution errors, a red message will display reading **Failed**. Select **DOWNLOAD DETAIL** to download a file containing detailed information for each failed record.
- c. **Edit.**
  - i. Select the Edit icon to reconfigure the saved template.
- d. **Delete.**
  - i. Select the Trash Can icon to delete the saved template.

### View Job Status and History

To view job status and history:

1. Have the **Data Management** app open (see [Accessing Data Management](#)).
2. Select the **Import** or **Export** tab as is appropriate.
3. In the lower grid, select the Clock icon to view history details.
  - a. If the job has execution errors, a red message will display reading **Failed**. Select **DOWNLOAD DETAIL** to download a file containing detailed information for each failed record.

## Appendix

### Date Filter Behavior

Operator	Description	Behavior
<b>From</b>	Select all between a start date and end date.	<p>The user must provide the start and end dates.</p> <p>Data Management will evaluate the value of the filter field. The evaluation will return true, and the record included in the export results if:</p> <ol style="list-style-type: none"> <li>1. The filter field value is <math>\geq</math> to the start date.</li> <li>2. The filter field value is <math>\leq</math> the end date.</li> </ol>
<b>Last</b>	Selects all having a date within the specified interval.	<p>The user must provide the numeric quantity value for one of the following:</p> <ol style="list-style-type: none"> <li>a. Hour(s)*</li> <li>b. Day(s)</li> <li>c. Week(s)</li> <li>d. Month(s)</li> </ol> <p>The user must choose whether to include records from today by checking or unchecking <b>Include Today</b>. Note that the Include Today option only displays for the Day(s) option.</p> <p>NOTE: Today is relative to the time the export is executed. Consider the following example:</p> <ul style="list-style-type: none"> <li>• <b>Field:</b> Shipment Date</li> <li>• <b>Operator:</b> Last</li> <li>• <b>Value:</b> 5</li> <li>• <b>Segment:</b> Day(s)</li> <li>• <b>Include Today:</b> Yes</li> <li>• <b>Execution Schedule:</b> April 15<sup>th</sup>, 2023, at 1:00 AM</li> </ul> <p>Results will contain all records having a Shipment Date value between <b>April 10<sup>th</sup>, 2023, 00:00:00 (12:00 AM)</b> and <b>April 15<sup>th</sup>, 2023, 1:00:00 (1:00 AM)</b>.</p> <p>Changing Include Today to <b>No</b>: Results will contain all records having a Shipment Date value between <b>April 10<sup>th</sup>, 2023, 00:00:00 (12:00 AM)</b> and <b>April 14<sup>th</sup>, 2023, 23:59:59 (11:59 PM)</b>.</p>

\*Applies to fields containing time (hh:mm:ss).



## Job Scheduling

For DropBox and SFTP connections, a user may schedule a job. Data Management offers the following schedule configurations:

#	Name	Parameters
1	Every 15 Minutes	None
2	Every Hour	None
3	Every Day	Execution time (HH:MM)
4	Every Week	<ol style="list-style-type: none"> <li>1. Execution Time (HH:MM)</li> <li>2. Day of the week (Alpha)</li> </ol>
5	Every Month	<ol style="list-style-type: none"> <li>1. Execution Time (HH:MM)</li> <li>2. Day of the month (Numeric)</li> </ol>

## Email Notifications

If configured, Data Management will use the Email Settings to send an email notification using the Import/Export Result Email Template. This template may be modified in the Administration app by Pitney Bowes personnel for billable services.

### Import/Export Result Email Template

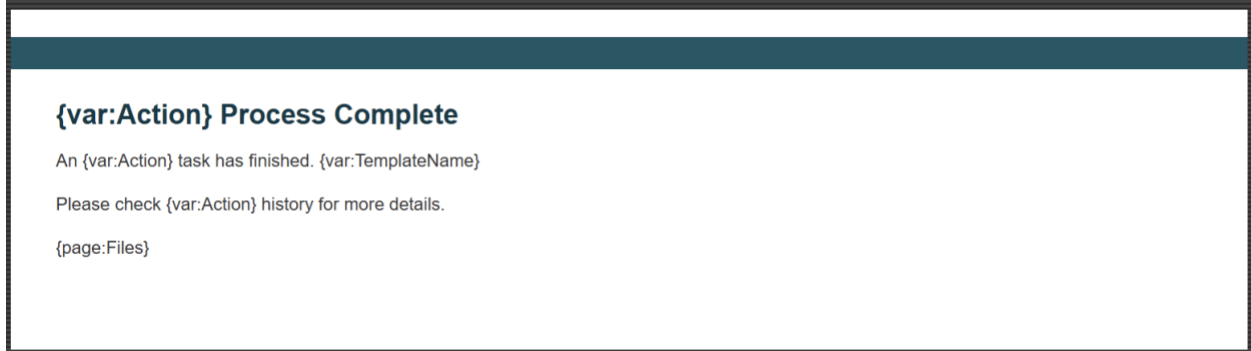


Figure 2: Email notification template

Variable Name	Description
<b>{var:Action}</b>	Either 'Import' or 'Export'
<b>{var:TemplateName}</b>	The name of the template executed
<b>{page:Files}</b>	List of files processed

## Supported Entities

### Entities

The following tables are exposed for use with the Data Management App:

Entity	Import	Export
Accounts	Yes	Yes
Account Codes	Yes	Yes
Address Book Type Permissions	Yes	Yes
Bulk List Contacts	Yes	Yes
Carrier Rating	Yes	Yes
Carrier Rating Options	Yes	Yes
Carton Configurations	Yes	Yes
Cartonization Groups	Yes	Yes
Cartonization Group Config Mappings	Yes	Yes
Carton Package Mappings	Yes	Yes
Company Codes	Yes	Yes
Contacts	Yes	Yes
Contents	No	Yes
Consolidated Shipping Defaults	Yes	Yes
Cost Centers	Yes	Yes
Cost Center Chargeback	No	Yes
Custom Code Translations	Yes	Yes
Customers	Yes	Yes
International Defaults	Yes	Yes
Importer Of Record Facilities	Yes	Yes
Locations	Yes	Yes
Number Ranges (Package Numbers)	Yes	Yes
Outputs	Yes	Yes
Packages	No	Yes
Pending	Yes	Yes
Products	Yes	Yes
Profiles	Yes	Yes
Rate Groups	Yes	Yes
Rate Group Members	Yes	Yes
Security Credentials	Yes	Yes
Shipments	No	Yes
Shipments Special Services	No	Yes
Shipments Transactions	No	Yes
Shipping Keys	Yes	Yes
Shipping Order Header	Yes	Yes
Third Parties	Yes	Yes
User Defaults	Yes	Yes
Users	Yes	Yes

## Table Schemas

### Accounts

Supported entity column headings and data types for [dbo.Accounts].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>AccountNumber</b>	string	Alt PK	Yes	-
<b>Description</b>	string	Alt PK	Yes	-
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>SignatureReleaseNumber</b>	string	-	-	-
<b>DisplayAccountNumber</b>	string	-	-	-
<b>AccountTypeID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>PackageNumberID</b>	int	-	-	-
<b>SmartPostHubID</b>	int	-	-	-
<b>MailerID</b>	string	-	-	-
<b>TrackingNumberID</b>	int	-	-	-
<b>PostalServicePassword</b>	string	-	-	-
<b>PostalServiceUserID</b>	string	-	-	-
<b>EntryFacilityZipCode</b>	string	-	-	-
<b>ManifestNumberRange</b>	int	-	-	-
<b>BPODPassWord</b>	string	-	-	-
<b>CurrencyCodeID</b>	int	FK	-	-
<b>CODCurrencyCodeID</b>	int	FK	-	-
<b>CarrierSettings</b>	string	-	-	-
<b>ShipmentIdentifierID</b>	int	FK	-	-
<b>DefaultPostalMeter</b>	string	-	-	-
<b>USPSPermitCityState</b>	string	-	-	-
<b>USPSPermitNumber</b>	string	-	-	-
<b>USPSPaymentTypeID</b>	int	-	-	-
<b>USPSPostOfficeZipCode</b>	string	-	-	-
<b>AccountTypeDescription</b>	string	Alk FK	-	Alternative to AccountTypeID. A valid value, or alternative keys, must be provided.
<b>ShipmentIdentifierIDDescription</b>	string	Alk FK	-	Alternative to ShipmentIdentifierID.
<b>TrackingNumberIDDescription</b>	string	Alk FK	-	Alternative to TrackingNumberID.
<b>PackageNumberIDDescription</b>	string	Alk FK	-	Alternative to PackageNumberID.
<b>AutoCloseUserName</b>	string	Alk FK	-	Alternative to AutoCloseUserID.
<b>CurrencyCode</b>	string	Alk FK	-	Alternative to CurrencyCodeID.
<b>CODCurrencyCode</b>	string	Alk FK	-	Alternative to CODCurrencyCodeID.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Account Codes

Supported entity column headings and data types for [dbo.AccountCodes].

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-

<b>Code</b>	string (50)	Alt PK	Yes
<b>Description</b>	string (250)	-	Yes

PK: Primary Key, Alt PK: Alternative Primary Key

### Address Book Type Permissions

Supported entity column headings and data types for [dbo.AddressBookTypePermissions].

Column Name	Type	Key	Required	Notes
<b>UserID</b>	int	FK	-	-
<b>ProfileID</b>	int	FK	-	-
<b>AddressBookTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>UserEmail</b>	string	Alt FK	-	Alternative to UserID.
<b>ProfileDescription</b>	string	Alt FK	-	Alternative to ProfileID.
<b>AddressBookType Description</b>	string	Alt FK	-	Alternative to AddressBookTypeID. A valid value, or alternative keys, must be provided.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Bulk Lists

Supported entity column headings and data types for [dbo.BulkLists].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Name</b>	string	Alt PK	Yes	-
<b>Description</b>	string	-	Yes	-
<b>Color</b>	string	-	-	-
<b>UserID</b>	int	-	-	-
<b>BulkListTypeID</b>	int	-	-	A valid value, or alternative keys, must be provided.
<b>BulkListTypeDescription</b>	string	-	-	A valid value, or alternative keys, must be provided.
<b>UserEmail</b>	string	Alt FK	-	Alternative to UserID.

PK: Primary Key, Alt PK: Alternative Primary Key, Alt FK: Alternative Foreign Key

### Bulk List Contacts

Supported entity column headings and data types for [dbo.BulkListContacts]. Note that updates are not supported to this entity.

Column Name	Type	Key	Required	Notes
<b>BulkListID</b>	int	PK	-	A valid value, or alternative keys, must be provided.
<b>ContactID</b>	int	PK	-	A valid value, or alternative keys, must be provided.
<b>AttentionTo</b>	string	Alt FK	-	Alternative to ContactID. A valid value, or alternative keys, must be provided.
<b>Address1</b>	string	Alt FK	-	Alternative to ContactID. A valid value, or alternative keys, must be provided.
<b>City</b>	string	Alt FK	-	Alternative to ContactID. A valid value, or alternative keys, must be provided.
<b>Country</b>	string	Alt FK	-	Alternative to ContactID. A valid value, or alternative keys, must be provided.
<b>AddressBookTypeID</b>	int	Alt FK	-	Alternative to ContactID. A valid value, or alternative keys, must be provided.
<b>BulkListName</b>	string	Alt FK	-	Alternative to BulkListID. A valid value, or alternative keys, must be provided.
<b>BulkListDescription</b>	string	Alt FK	-	Alternative to BulkListID. A valid value, or alternative keys, must be provided.

<b>BulkListTypeID</b>	int	Alt FK	-	Alternative to BulkListID. A valid value, or alternative keys, must be provided.
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PK: Primary Key, Alt FK: Alternative Foreign Key

### Carrier Rating

Supported entity column headings and data types for [dbo.CarrierRating].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierServiceID</b>	int	FK	-	-
<b>CarrierPackageTypeID</b>	int	FK	-	-
<b>RateTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided. Note RateTypeIDs 1 to 9 cannot be amended as they are base data.
<b>RateType</b>	string	Alt FK	-	Any custom Rate Type must be manually added before import.
<b>RateBaseTypeID</b>	string	FK	-	A valid value, or alternative keys, must be provided.
<b>AccountID</b>	int	FK	-	-
<b>RateEngineID</b>	int	FK	-	-
<b>DisplayRate</b>	bool	-	-	-
<b>UpdateRate</b>	bool	-	-	-
<b>LocationID</b>	int	FK	-	-
<b>RateAsCarrierID</b>	int	FK	-	-
<b>RateAsCarrierServiceID</b>	int	FK	-	-
<b>RateAsCarrierPackageTypeID</b>	int	FK	-	-
<b>Optional</b>	bool	-	-	-
<b>RequiredCustomRateEngineSuccess</b>	bool	-	-	-
<b>RateBaseType</b>	string	Alt FK	-	Alternative to RateBaseTypeID.
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID.
<b>CarrierServiceDescription</b>	string	Alt FK	-	Alternative to CarrierServiceID.
<b>CarrierPackageTypeDescription</b>	string	Alt FK	-	Alternative to CarrierPackageTypeID.
<b>AccountNumber</b>	string	Alt FK	-	Alternative to AccountID.
<b>AccountDescription</b>	string	Alt FK	-	Alternative to AccountID.
<b>RateEngineDescriptions</b>	string	Alt FK	-	Alternative to RateEngineID.
<b>LocationDescription</b>	string	Alt FK	-	Alternative to LocationID.
<b>Address1</b>	string	Alt FK	-	Alternative to LocationID.
<b>PostalCode</b>	string	Alt FK	-	Alternative to LocationID.
<b>CountryCode</b>	string	Alt FK	-	Alternative to LocationID.
<b>RateAsCarrierName</b>	string	Alt FK	-	Alternative to RateAsCarrierID.
<b>RateAsCarrierServiceDescription</b>	string	Alt FK	-	Alternative to RateAsCarrierServiceID.
<b>RateAsCarrierPackageTypeDescription</b>	string	Alt FK	-	Alternative to RateAsCarrierPackageTypeID.

PK: Primary Key, Alt FK: Alternative Foreign Key

### Carrier Rating Options

Supported entity column headings and data types for [dbo.CarrierRatingOptions].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CarrierRatingID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>RatingOptionEnabled</b>	bool	-	Yes	-
<b>ChargeTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>RateOptionMarkupTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>RateOptionApplicationTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>RateOptionAmount</b>	int	-	Yes	-
<b>RateOptionApplyToTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>RateOptionOrder</b>	int	-	Yes	-
<b>CreatelfMissing</b>	int	-	Yes	-
<b>ChargeType</b>	string	Alt FK	-	Alternative to ChargeTypeID.
<b>RateOptionMarkupType</b>	string	Alt FK	-	Alternative to RateOptionMarkupTypeID.
<b>RateOptionApplicationType</b>	string	Alt FK	-	Alternative to RateOptionApplicationTypeID.
<b>RateOptionApplyToType</b>	string	Alt FK	-	Alternative to RateOptionApplyToTypeID.

PK: Primary Key, Alt FK: Alternative Foreign Key

### Carton Configurations

Supported entity column headings and data types for [dbo.CartonConfigurations].

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-
<b>Name</b>	string	Alt PK	Yes
<b>Description</b>	string	-	Yes
<b>PackageCode</b>	string	-	-
<b>Width</b>	decimal	-	Yes
<b>Length</b>	decimal	-	Yes
<b>Height</b>	decimal	-	Yes
<b>Weight</b>	decimal	-	Yes

PK: Primary Key, Alt PK: Alternative Primary Key

### Cartonization Groups

Supported entity column headings and data types for [dbo.CartonizationGroups].

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-
<b>Description</b>	string	Alt PK	Yes
<b>Enabled</b>	bool	-	Yes

PK: Primary Key, Alt PK: Alternative Primary Key

### Cartonization Group Config Mapping

Supported entity column headings and data types for [dbo.CartonizationGroupConfig Mapping]. The primary key is required to make any changes to this table.

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CartonConfigurationID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CartonizationGroupID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CartonConfiguration</b>	string	Allt FK	-	Alternative to CartonConfigurationID. A valid value, or alternative keys, must be provided.

<b>CartonizationGroup</b>	string	Alt FK	-	Alternative to CartonizationGroupID. A valid value, or alternative keys, must be provided.
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PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Carton Package Mapping

Supported entity column headings and data types for [dbo.CartonPackageMappings]. The primary key is required to make any changes to this table.

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CarrierID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>CartonConfigurationID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>CarrierPackageTypeID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>Carrier</b>	string	Alt FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>CartonConfigurition</b>	string	Alt FK	-	Alternative to CartonConfigurationID. A valid value, or alternative keys, must be provided.
<b>CarrierPackageType</b>	string	Alt FK	-	Alternative to CartonPackageTypeID. A valid value, or alternative keys, must be provided.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Company Codes

Supported entity column headings and data types for [dbo.CompanyCodes].

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-
<b>Code</b>	string (50)	Alt PK	Yes
<b>Description</b>	string (250)	-	Yes

PK: Primary Key, Alt PK: Alternative Primary Key

### Contacts

Supported entity column headings and data types for [dbo.Contacts].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CustomerReference</b>	string	Alt PK	-	-
<b>AttentionTo</b>	string	Alt PK	Yes	-
<b>Organization</b>	string	Alt PK	-	-
<b>Address1</b>	string	-	Yes	-
<b>Address2</b>	string	-	-	-
<b>Address3</b>	string	-	-	-
<b>City</b>	string	-	Yes	-
<b>Region</b>	string	-	-	-
<b>PostalCode</b>	string	-	-	-
<b>Country</b>	string	-	Yes	-
<b>Phone</b>	string	-	-	-
<b>AlternatePhone</b>	string	-	-	-
<b>Email</b>	string	-	-	-
<b>Notes</b>	string	-	-	-
<b>Residential</b>	bool	-	-	-
<b>UserID</b>	int	FK	-	-



<b>DUNS</b>	string	-	-	-
<b>LocationIdentifier</b>	string	-	-	-
<b>OutputItemPath</b>	string	-	-	-
<b>AddressBookTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>ExternalContactID</b>	string	-	-	-
<b>AddressValidated</b>	bool	-	-	-
<b>AddressBookTypeDescription</b>	string	Alt FK	-	Alternative to AddressBookTypeID. A valid value, or alternative keys, must be provided.
<b>UserEmail</b>	string	Alt FK	-	Alternative to UserID.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Consolidated Shipping Defaults

Supported entity column headings and data types for [dbo.ConsolidatedShippingDefaults].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>BrokerID</b>	int	FK	-	-
<b>BrokerUseCarrier</b>	bool	-	Yes	-
<b>BrokerBillingPayerTypeID</b>	int	FK	-	-
<b>BrokerBillingAccountNumber</b>	string	-	-	-
<b>ImporterOfRecordID</b>	int	FK	-	-
<b>ReturnToID</b>	int	FK	-	-
<b>WeightUOM</b>	string	-	-	-
<b>DimensionsUOM</b>	string	-	-	-
<b>Currency</b>	string	-	-	-
<b>TermsOfSaleTypeID</b>	int	FK	-	-
<b>LinehaulUseCarrier</b>	bool	-	Yes	-
<b>LinehaulSCAC</b>	string	-	-	-
<b>LinehaulBillingPayerTypeID</b>	int	FK	-	-
<b>LinehaulBillingAccountNumber</b>	string	-	-	-
<b>PortOfEntryID</b>	int	FK	-	-
<b>Description</b>	string	-	Yes	-
<b>ImporterOfRecordFacilityID</b>	int	FK	-	-
<b>BrokerContact</b>	string	Alt FK	-	Alternative to BrokerID.
<b>BrokerOrganization</b>	string	Alt FK	-	Alternative to BrokerID.
<b>BrokerPayerTypeDescription</b>	string	Alt FK	-	Alternative to BrokerBillingPayerTypeID.
<b>ImporterOfRecordContact</b>	string	Alt FK	-	Alternative to ImporterOfRecordID.
<b>ImporterOfRecordOrganization</b>	string	Alt FK	-	Alternative to ImporterOfRecordID.
<b>ReturnToContact</b>	string	Alt FK	-	Alternative to ReturnToID.
<b>ReturnToOrganization</b>	string	Alt FK	-	Alternative to ReturnToID.
<b>TermsOfSaleTypeDescription</b>	string	Alt FK	-	Alternative to TermsOfSaleID.
<b>LinehaulBillingTypeDescription</b>	string	Alt FK	-	Alternative to LinehaulBillingPayerTypeID.
<b>PortOfEntryDescription</b>	string	Alt FK	-	Alternative to PortOfEntryID.
<b>ImporterOfRecordFacilityCode</b>	string	Alt FK	-	Alternative to ImporterOfRecordFacilityID.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Cost Centers

Supported entity column headings and data types for [dbo.CostCenters].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Name</b>	string	-	Yes	-
<b>Description</b>	string	-	-	-
<b>CostCenterCode</b>	string	Alt PK	Yes	-

<b>Active</b>	bool	-	Yes	1 or 0
<b>AccountID</b>	int	FK	-	-
<b>AccountNumber</b>	string	Alt FK	-	Alternative to Account ID. If used, must match the account number of an existing account in the database. In case of duplicate accounts, the first one is used.
<b>AccountDescription</b>	string	Alt FK	-	Alternative to AccountID. If used, must match the account description of any existing account description in the database. In case of duplicate accounts, the first one is used.
<b>ParentCostCenterID</b>	int	FK	-	-
<b>ParentCostCenterCode</b>	string	-	-	Alternative to ParentCostCenterID. If used, then this must be either the code of a cost center that already exists in the database OR a cost center code that forms part of the import. If part of the import, it must be imported before any referring row, so ensure that parent cost centers are at the top of your import.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Custom Code Translations

Supported entity column headings and data types for [dbo.CustomCodeTranslations].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierName</b>	string	FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>CustomCarrierCode</b>	string	Alt PK	Y	-
<b>CarrierServiceTypeID</b>	int	FK	-	-
<b>CarrierServiceDescription</b>	string	Alt FK	-	Alternative to CarrierServiceTypeID.
<b>CarrierPackageTypeID</b>	int	FK	-	-
<b>CarrierPackageTypeDescription</b>	string	Alt FK	-	Alternative to CarrierPackageTypeID.
<b>PayerTypeID</b>	int	FL	-	-
<b>PayerTypeDescription</b>	string	Alt FK	-	Alternative to PayerTypeID.
<b>CODTypeID</b>	int	FK	-	-
<b>CODTypeDescription</b>	string	Alt FK	-	Alternative to CODTypeID.
<b>SaturdayDelivery</b>	bool	-	-	-
<b>Residential</b>	bool	-	-	-

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Customers

Supported entity column headings and data types for [dbo.Customers].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>CustomerReference</b>	string	Alt PK	-	-
<b>Title</b>	string	-	-	-
<b>FirstName</b>	string	-	-	-
<b>Surname</b>	string	-	-	-
<b>AttentionTo</b>	string	-	-	-
<b>Organization</b>	string	-	-	-
<b>Address1</b>	string	-	-	-
<b>Address2</b>	string	-	-	-
<b>Address3</b>	string	-	-	-

City	string	-	-	-
Region	string	-	-	-
PostalCode	string	-	-	-
Country	string	-	-	-
Phone	string	-	-	-
AlternatePhone	string	-	-	-
Email	string	-	-	-
Notes	string	-	-	-
Residential	bool	-	-	-
UserName	string	Alt PK	-	-
DUNS	string	-	-	-
VendorNumber	string	-	-	-
LocationIdentifier	string	Alt PK	-	-
OutputItemPath	string	-	-	-
CustomerTypeID	int	Alt PK, FK	-	A valid value, or alternative keys, must be provided.
CustomerTypeDescription	string	Alt FK	-	Alternative to CustomerTypeID.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Importer Of Record Facilities

Supported entity column headings and data types for [dbo.ImporterOfRecordFacilities].

Column Name	Type	Key	Required	Notes
ID	int	PK	-	-
IORCode	string	FK	Yes	-
Description	string	FK	Yes	-
CountryCode	string	FK	Yes	-

PK: Primary Key, FK: Foreign Key

### International Defaults

Supported entity column headings and data types for [dbo.InternationalDefaults].

Column Name	Type	Key	Required	Notes
ID	int	PK	-	-
Description	string	-	Yes	-
SEDMETHODID	int	FK	-	-
SEDMETHODDESCRIPTION	string	Alt FK	-	Alternative to SEDMETHODID.
SEDEXEMPTNUMBER	string	-	-	-
EXPORTREASONID	int	FK	-	-
EXPORTREASONDESCRIPTION	string	Alt FK	-	Alternative to EXPORTREASONID
EXPORTCODEID	int	FK	-	-
EXPORTCODEDESCRIPTION	string	Alt FK	-	Alternative to EXPORTCODEID.
IDENTIFICATIONTYPEID	int	FK	-	-
IDENTIFICATIONTYPEDESCRIPTION	string	Alt FK	-	Alternative to IDENTIFICATIONTYPEID.
IDENTIFIER	string	-	-	-
TERMSOFSALETYPEID	int	FK	-	-
TERMSOFSALETYPEDESCRIPTION	string	Alt FK	-	Alternative to TERMSOFSALETYPEID.
DUTYPAYERTYPEID	int	FK	-	-
DUTYPAYERTYPEDESCRIPTION	string	Alt FK	-	Alternative to DUTYPAYERTYPEID.
DUTYPAYERACCOUNTNUMBER	string	-	-	-
EXPORTLICENSE	string	-	-	-
EXPORTLICENSESTARTS	datetime	-	-	-
EXPORTLICENSEEXPIRES	datetime	-	-	-
IMPORTLICENSE	string	-	-	-
IMPORTLICENSEEXPIRES	datetime	-	-	-
B13AMETHODID	int	FK	-	-

<b>B13AMethodDescription</b>	string	Alt FK	-	Alternative to B13AMethodID.
<b>B13AStatementData</b>	string	-	-	-
<b>CanadaExportPermitNumber</b>	string	-	-	-
<b>ExportDeclaration</b>	string	-	-	-
<b>ExportIdentificationTypeID</b>	int	FK	-	-
<b>ExportIdentificationTypeDescription</b>	string	Alt FK	-	Alternative to ExportIdentificationTypeID.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Locations

Supported entity column headings and data types for several tables that constitute to importing Locations detail. The Notes column lists related table names.

Use the LocationsWithAddresses database view to view the list of entities at the database level.

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Description</b>	string	Alt PK	Yes	-
<b>SSCCLocationIdentifier</b>	string	-	-	-
<b>Address1</b>	string	Alt PK	Yes	dbo.Addresses
<b>Address2</b>	string	-	-	dbo.Addresses
<b>Address3</b>	string	-	-	dbo.Addresses
<b>City</b>	string	-	Yes	dbo.Addresses
<b>Region</b>	string	-	-	dbo.Addresses
<b>PostalCode</b>	string	Alt PK	Yes	dbo.Addresses
<b>CountryCode</b>	string	Alt PK	Yes	dbo.Addresses
<b>UseSameAddressForReturn</b>	bool	-	-	-
<b>ReturnAddress1</b>	string	-	Yes, if UseSameAddressForReturn = False	dbo.Addresses
<b>ReturnAddress2</b>	string	-	-	dbo.Addresses
<b>ReturnAddress3</b>	string	-	-	dbo.Addresses
<b>ReturnCity</b>	string	-	Yes, if UseSameAddressForReturn = False	dbo.Addresses
<b>ReturnRegion</b>	string	-	Yes, if UseSameAddressForReturn = False	dbo.Addresses
<b>ReturnPostalCode</b>	string	-	Yes, if UseSameAddressForReturn = False	dbo.Addresses
<b>ReturnCountryCode</b>	string	-	Yes, if UseSameAddressForReturn = False	dbo.Addresses
<b>UseSameAddressForCOD</b>	bool	-	-	dbo.Addresses
<b>CODRemittanceCompany</b>	string	-	-	dbo.Addresses
<b>CODRemittanceContactName</b>	string	-	-	dbo.Addresses
<b>CODRemittancePhoneNumber</b>	string	-	-	dbo.Addresses
<b>CODRemittanceAddress1</b>	string	-	Yes, if UseSameAddressForCOD = False	dbo.Addresses
<b>CODRemittanceAddress2</b>	string	-	-	dbo.Addresses
<b>CODRemittanceAddress3</b>	string	-	-	dbo.Addresses
<b>CODRemittanceCity</b>	string	-	Yes, if UseSameAddressForCOD = False	dbo.Addresses
<b>CODRemittanceRegion</b>	string	-	Yes, if UseSameAddressForCOD = False	dbo.Addresses

<b>CODRemittancePostalCode</b>	string	-	Yes, if UseSameAddressForCOD = False	dbo.Addresses
<b>CODRemittanceCountryCode</b>	string	-	Yes, if UseSameAddressForCOD = False	dbo.Addresses
<b>ReturnCompany</b>	string	-	-	-
<b>ReturnContactName</b>	string	-	-	-
<b>ReturnPhoneNumber</b>	string	-	-	-
<b>LocationsExceeded</b>	bool	-	-	-
<b>LocalizationID</b>	int	FK	-	-
<b>LocalizationDescription</b>	string	Alt FK	-	Alternative to LocalizationID. dbo.Localizations
<b>OrganizationID</b>	int	FK	-	-
<b>OrganizationName</b>	string	Alt FK	-	Alternative to OrganizationID. dbo.Organizations
<b>TimezoneID</b>	int	FK	-	-
<b>TimezoneName</b>	string	Alt FK	-	Alternative TimezoneID. dbo.Timezones

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Number Ranges (Package Numbers)

Supported entity column headings and data types for [dbo.PackageNumbers]

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Start</b>	int	-	Yes	-
<b>Stop</b>	int	-	Yes	-
<b>Present</b>	int	-	-	-
<b>Prefix</b>	string	-	-	-
<b>Description</b>	string	-	-	-
<b>Increment</b>	int	-	-	-
<b>PackageNumberTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>PackageNumberType</b>	string	Alt FK	-	Alternative to PackageNumberTypeID. A valid value, or alternative keys, must be provided.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Outputs

Supported entity column headings and data types for [dbo.Outputs]

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>UserID</b>	int	FK	-	-
<b>CarrierID</b>	int	FK	-	-
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID.
<b>OutputTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>OutputBaseTypeID</b>	int	FK	-	-
<b>OutputBaseType</b>	int	Alt FK	-	Alternative to OutputBaseTypeID.
<b>OutputTypeName</b>	string	Alt FK	-	Alternative to OutputTypeID. A valid value, or alternative keys, must be provided.
<b>OutputProducerID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>OutputProducer</b>	string	Alt FK	-	Alternative to OutputProducerID. A valid value, or alternative keys, must be provided.
<b>OutputPrinterID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>OutputPrinter</b>	string	Alt FK	-	Alternative to OutputPrinterID. A valid value, or alternative keys, must be provided.

<b>OutputFormatID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>OutputFormat</b>	string	Alt FK	-	Alternative to OutputFormatID. A valid value, or alternative keys, must be provided.
<b>CustomLabelID</b>	int	FK	-	-
<b>CustomLabel</b>	string	Alt FK	-	Alternative to CustomLabelID.
<b>OutputStockID</b>	int	FK	-	-
<b>OutputStock</b>	string	Alt FK	-	Alternative to OutputStockID.
<b>PrinterID</b>	int	FK	-	-
<b>Printer</b>	string	Alt FK	-	Alternative to PrinterID
<b>PrinterMarginLeft</b>	int	-	-	-
<b>PrintMarginTop</b>	int	-	-	-
<b>PrintRotateTypeID</b>	int	FK	-	-
<b>PrintRotateType</b>	string	Alt FK	-	Alternative to PrintRotateTypeID.
<b>PrintResizePercentage</b>	int	-	-	-
<b>ViewRotateTypeID</b>	int	FK	-	-
<b>ViewRotateType</b>	string	Alt FK	-	Alternative to ViewRotateTypeID.
<b>ViewResizePercentage</b>	int	-	-	-
<b>ItemPath</b>	string	-	-	-
<b>Copies</b>	int	-	-	-
<b>SqlCommand</b>	string	-	-	-
<b>PrintLater</b>	bool	-	-	-
<b>ProfileID</b>	int	FK	-	-
<b>Profile</b>	string	Alt FK	-	Alternative to ProfileID.
<b>CustomPrintEngineID</b>	int	FK	-	-
<b>CustomPrintEngine</b>	string	Alt FK	-	Alternative to CustomPrintEngineID.
<b>AutoCrop</b>	bool	-	-	-
<b>AutoCropRotateTypeID</b>	int	FK	-	-
<b>AutoCropRotateType</b>	string	Alt FK	-	Alternative to AutoCropRotateTypeID.
<b>AutoCropResizeTypeID</b>	int	FK	-	-
<b>AutoCropResizeType</b>	string	Alt FK	-	Alternative to AutoCropResizeTypeID.
<b>AutoCropResizePercentage</b>	int	-	-	-
<b>TopPosition</b>	int	-	-	-
<b>LeftPosition</b>	int	-	-	-
<b>PrintStockID</b>	int	FK	-	-
<b>PrintStock</b>	int	Alt FK	-	Alternative to PrintStockID.
<b>Paginate</b>	bool	-	-	-
<b>LetBrowserResize</b>	bool	-	-	-
<b>PermissionType</b>	string	-	-	-
<b>HubCappUserOverride</b>	String	-	-	-

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Pending

Supported entity column headings and data types for [dbo.Pending].

Column Name	Type	Key	Required	Notes
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<b>FunctionID</b>	int	FK	Yes	A valid value, or alternative keys, must be provided.
<b>FunctionDescription</b>	string	Alt FK	-	Alternative to FunctionID. A valid value, or alternative keys, must be provided.
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>CarrierPackageTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierPackageTypeDescription</b>	string	Alt FK	-	Alternative to CarrierPackageTypeID. A valid value, or alternative keys, must be provided.
<b>CarrierServiceID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierServiceDescription</b>	string	Alt FK	-	Alternative to CarrierServiceID. A valid value, or alternative keys, must be provided.
<b>WayBillNumber</b>	string	-	-	-
<b>ShipperReference</b>	string	-	-	-
<b>AttentionTo</b>	string	-	-	-
<b>Organization</b>	string	-	-	-
<b>Address1</b>	string	-	-	-
<b>Address2</b>	string	-	-	-
<b>Address3</b>	string	-	-	-
<b>City</b>	string	-	-	-
<b>Region</b>	string	-	-	-
<b>PostalCode</b>	string	-	-	-
<b>CountryCode</b>	string	-	-	-
<b>Phone</b>	string	-	-	-
<b>Email</b>	string	-	-	-
<b>Weight</b>	real	-	-	-
<b>Length</b>	real	-	-	-
<b>Width</b>	real	-	-	-
<b>Height</b>	real	-	-	-
<b>CODTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CODTypeDescription</b>	string	Alt FK	-	Alternative to CODTypeID. A valid value, or alternative keys, must be provided.
<b>CODValue</b>	decimal	-	-	-
<b>Hold</b>	bool	-	-	-
<b>InsuranceValue</b>	decimal	-	-	-
<b>DespatchDate</b>	datetime	-	-	-
<b>ContentDescription</b>	string	-	-	-
<b>UseAlternateServices</b>	bool	-	-	-
<b>DutyValue</b>	decimal	-	-	-
<b>AESTransactionNumber</b>	string	-	-	-
<b>DocumentsOnly</b>	bool	-	-	-
<b>Reference1</b>	string	-	-	-
<b>Reference2</b>	string	-	-	-
<b>Reference3</b>	string	-	-	-
<b>UserName</b>	string	-	-	-
<b>CustomCarrierCode</b>	string	-	-	-
<b>RequiredDate</b>	datetime	-	-	-
<b>PackageID</b>	int	-	-	-
<b>ReturnToName</b>	string	-	-	-
<b>ReturnToOrganization</b>	string	-	-	-
<b>ReturnToAddress1</b>	string	-	-	-

<b>ReturnToAddress2</b>	string	-	-	-
<b>ReturnToAddress3</b>	string	-	-	-
<b>ReturnToCity</b>	string	-	-	-
<b>ReturnToRegion</b>	string	-	-	-
<b>ReturnToPostalCode</b>	string	-	-	-
<b>ReturnToCountryCode</b>	string	-	-	-
<b>ReturnToPhone</b>	string	-	-	-
<b>BillingAccountNumber</b>	string	-	-	-
<b>BillingAddress1</b>	string	-	-	-
<b>BillingAddress2</b>	string	-	-	-
<b>BillingAddress3</b>	string	-	-	-
<b>BillingCity</b>	string	-	-	-
<b>BillingRegion</b>	string	-	-	-
<b>BillingPostalCode</b>	string	-	-	-
<b>BillingCountryCode</b>	string	-	-	-
<b>BillingContactName</b>	string	-	-	-
<b>BillingPhone</b>	string	-	-	-
<b>BillingEmail</b>	string	-	-	-
<b>BillingPayerTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>BillingPayerTypeDescription</b>	string	Alt FK	-	Alternative to BillingPayerTypeID. A valid value, or alternative keys, must be provided.
<b>DutyAccountNumber</b>	string	-	-	-
<b>DutyPostalCode</b>	string	-	-	-
<b>DutyCountryCode</b>	string	-	-	-
<b>DutyPayerTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>DutyPayerTypeDescription</b>	string	Alt FK	-	Alternative to DutyPayerTypeID. A valid value, or alternative keys, must be provided.
<b>Process</b>	bool	-	-	-
<b>TaskIdentifier</b>	string	-	-	-
<b>BatchIdentifier</b>	string	-	-	-
<b>PickListNumber</b>	string	-	-	-
<b>DeliveryConfirmation</b>	bit	-	-	-
<b>PurchaseOrderNumber</b>	string	-	-	-
<b>SalesOrderNumber</b>	string	-	-	-
<b>PrintConditionalCustomLabel1</b>	bool	-	-	-
<b>PrintConditionalCustomLabel2</b>	bool	-	-	-
<b>PrintConditionalCustomLabel3</b>	bool	-	-	-
<b>Residential</b>	bool	-	-	-
<b>AdditionalHandling</b>	bool	-	-	-
<b>NonFlatMachinable</b>	bool	-	-	-
<b>NonMachinable</b>	bool	-	-	-
<b>NonRectangular</b>	bool	-	-	-
<b>Flat</b>	bool	-	-	-
<b>ShippingNotes</b>	string	-	-	-
<b>Reference4</b>	string	-	-	-
<b>Reference5</b>	string	-	-	-
<b>TermsOfSaleTypeID</b>	int	-	-	-
<b>TermsOfSaleConsigneeAccountNumber</b>	string	-	-	-
<b>B13ATransactionNumber</b>	string	-	-	-
<b>AccountNumber</b>	string	-	-	-
<b>DateClosed</b>	datetimeoffset	-	-	-
<b>ShippingKey</b>	string	-	-	-
<b>Reference6</b>	string	-	-	-
<b>SaturdayDelivery</b>	bool	-	-	-



<b>CostCenterID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CostCenterCode</b>	string	Alt FK	-	Alternative to CostCenterID. A valid value, or alternative keys, must be provided. Cost Center Codes passed in import files must match existing system cost centers otherwise the import will fail.
<b>CostCenterMode</b>	string	-	-	-
<b>ERR</b>	bool	-	-	-
<b>OutputsXml</b>	string	-	-	-
<b>Certified</b>	bool	-	-	-
<b>CurrencyCodeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CurrencyCode</b>	string	Alt FK	-	Alternative to CurrencyCodeID. A valid value, or alternative keys, must be provided.
<b>MailPieceNumber</b>	string	-	-	-
<b>CODCurrencyCode</b>	string	-	-	-
<b>DispositionMethod</b>	int	-	-	-
<b>RRM</b>	bool	-	-	-
<b>Registered</b>	bool	-	-	-
<b>ReturnReceipt</b>	bool	-	-	-
<b>RestrictedDelivery</b>	bool	-	-	-
<b>MeterSerialNumber</b>	string	-	-	-
<b>ProcessedTimeLog</b>	datetimeoffset	-	-	-
<b>ErrorDescription</b>	string	-	-	-
<b>RateGroup</b>	int	-	-	-
<b>RateGroupName</b>	string	-	-	-
<b>FilterMode</b>	int	-	-	-
<b>SortMode</b>	int	-	-	-

FK: Foreign Key, Alt FK: Alternative Foreign Key

## Products

Supported entity column headings and data types for [dbo.Products]

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-
<b>ProductNumber</b>	string	Alt PK	-
<b>ProductName</b>	string	-	Yes
<b>ProductReference1</b>	string	-	-
<b>ProductReference2</b>	string	-	-
<b>ProductReference3</b>	string	-	-
<b>ProductReference4</b>	string	-	-
<b>Weight</b>	real	-	-
<b>WeightUnitID</b>	int	FK	-
<b>ContentCode</b>	string	-	-
<b>ContainerTypeID</b>	int	FK	-
<b>QtyPerContainer</b>	int	-	-
<b>HTSUnitOfMeasure</b>	string	-	-
<b>HTSScheduleBTariffCode</b>	string	-	-
<b>HTSDescription</b>	string	-	-
<b>HTSWeight</b>	real	-	-
<b>HTSUnitValue</b>	real	-	-
<b>Hazardous</b>	bool	-	-
<b>HazAccessible</b>	bool	-	-
<b>HazDOTIdentifier</b>	string	-	-
<b>HazDOTClass</b>	string	-	-

HazDOTProperShippingName	string	-	-
HazDOTLabelType	string	-	-
HazDOTPackingGroup	string	-	-
HazDOTSubClass	string	-	-
HazDOTSymbols	string	-	-
HazDOTSpecialProvisions	string	-	-
HazDOTPackExceptions	string	-	-
HazDOTPackBulk	string	-	-
HazDOTPackNonBulk	string	-	-
HazDOTPassengerQtyLimits	real	-	-
HazDOTPassengerQtyLimitsUnitID	int	FK	-
HazDOTPassengerQtyLimitsForbidden	bool	-	-
HazDOTPassengerQtyLimitsNoLimit	bool	-	-
HazDOTCargoQtyLimits	real	-	-
HazDOTCargoQtyLimitsUnitID	int	FK	-
HazDOTCargoQtyLimitsForbidden	bool	-	-
HazDOTCargoQtyLimitsNoLimit	bool	-	-
HazDOTVesselStowageLocation	bool	-	-
HazDOTVesselStowageOther	string	-	-
HazDOTMarinePollutant	bool	-	-
HazDOTSMP	bool	-	-
HazDOTLimitedQty	real	-	-
HazDOTLimitedQtyUnitID	int	FK	-
HazDOTReportableQty	real	-	-
HazDOTReportableQtyUnitID	int	FK	-
HazDOTCategoryID	int	FK	-
HazDOTTechnicalName	string	-	-
HazDOTHazardousShippingMethodID	int	FK	-
HazDOTHazardousShippingModelID	int	FK	-
HazDOTColumnTwoExceptions	string	-	-
HazDOTSubsidiaryRisk	string	-	-
HazDOTPermitTypeID	int	FK	-
HazDOTPermitNumber	string	-	-
HazDOTInhalationHazard	bool	-	-
HazDOTInhalationHazardZone	string	-	-
HazDOTCertificationMethodID	int	FK	-
HazDOTPoisonous	bool	-	-
HazDOTConsumerCommodity	bool	-	-
HazDOTIsLimitedQuantity	bool	-	-
HazDOTLabelCodesMask	int	-	-
HazDOTIs500KGExempt	bool	-	-
HazardousPackingInstructions	string	-	-
IsHazSpecialProvisionA1A2A51A109	bool	-	-
ECCN	string	-	-
CurrencyCodeID	int	FK	-
Unid	string	-	-
PackingGroup	string	-	-
ProperShippingName	string	-	-
NameKey	string	-	-
HazardClass	int	-	-
LabelCodes	string	-	-
AirLabels	string	-	-
Labels	string	-	-
Special Provision	string	-	-
SubsidiaryRisk	string	-	-

MarinePollutant	bool	-	-
Liquid	bool	-	-
MaritimeOnly	bool	-	-
Molton	bool	-	-
CargoPackagingInstructions	string	-	-
LimitedQuantityPackagingInstructions	string	-	-
PassengerPackagingInstructions	string	-	-
BulkPackingInstructions	string	-	-
NonBulkPackingInstructions	string	-	-
ExceptionPackingInstructions	string	-	-
InstructionSelected	int	-	-
Material Key	string	-	-
TechnicalName	string	-	-
InnerPackagingCount	int	-	-
InnerPackagingType	string	-	-
Quantity	int	-	-
PackageInstructionType	string	-	-
OtherRequiredInformation	string	-	-
ReportableQuantity	bool	-	-
Mixture	bool	-	-
Solution	bool	-	-
Solid	bool	-	-
Stabilized	bool	-	-
Waste	bool	-	-
Hot	bool	-	-
ElevatedTemperature	bool	-	-
Empty	bool	-	-
EmptyPackageType	string	-	-
ToxicInhalationZone	string	-	-
AdditionalQuantityInformation	string	-	-
IsMaterialNonHazmat	bool	-	-
IsMaterialNotInPackage	bool	-	-
IsInnerPackagingLiquid	bool	-	-
MaterialExemptions	string	-	-
NetExplosiveQty	string	-	-
Authorization	string	-	-
ErgNumber	string	-	-
PartNumber	string	-	-
PartCompanyId	int	-	-
NetExplosiveAbbreviation	bool	-	-
ShowMarinePollutantLabel	bool	-	-
ShowOrientationLabel	string	-	-
CustomerInnerPackagingType	string	-	-
QuantityKg	string	-	-
PackageType	string	-	-
Instructions	string	-	-
AdditionalHandling	string	-	-
HazardousRequiredInformation	string	-	-
HazDOTCategoryDescription	string	-	-
UOM	string	-	-
HTSTotalValue	real	-	-
WeightUnitDescription	string	-	-
ContainerTypeSingularDescription	string	-	-
HazDOTPassengerQtyLimitsUnitDescription	string	-	-
HazDOTCargoQtyLimitsUnitDescription	string	-	-

<b>HazDOTLimitedQtyUnitDescription</b>	string	-	-
<b>HazDOTReportableQtyUnitDescription</b>	string	-	-
<b>HazDOTHazardousShippingMethodDescription</b>	string	-	-
<b>HazDOTHazardousShippingModeDescription</b>	string	-	-
<b>HazDOTHPermitTypeDescription</b>	string	-	-
<b>HazDOTCertificationMethodDescription</b>	string	-	-
<b>CurrencyCode</b>	string	-	-

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key

### Profiles

Supported entity column headings and data types for [dbo.Profiles].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Description</b>	string	Alt PK	Yes	-
<b>Enabled</b>	bool	-	Yes	-
<b>DefaultLocationID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>TimezoneID</b>	int	FK	-	-
<b>LocalizationID</b>	int	FK	-	-
<b>Name</b>	string	-	-	-
<b>IsDefault</b>	int	-	Yes	-
<b>DefaultLocationDescription</b>	string	Alt FK	-	Alternative to DefaultLocationID. A valid value, or alternative keys, must be provided.
<b>LocalizationDescription</b>	string	Alt FK	-	Alternative to LocalizationID.
<b>TimezoneName</b>	string	Alt FK	-	Alternative to Timezone ID.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Rate Groups

Supported entity column headings and data types for [dbo.RateGroups].

Column Name	Type	Key	Required
<b>ID</b>	int	PK	-
<b>Description</b>	string	-	Yes
<b>DisplayOrder</b>	int	-	Yes
<b>DisplayDefault</b>	bool	-	Yes
<b>SystemDefault</b>	bool	-	Yes

PK: Primary Key

### Rate Group Members

Supported entity column headings and data types for [dbo.RateGroupMembers].

If the primary key is not provided, the only field that can be amended is DisplayOrder.

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>RateGroupID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierServiceID</b>	int	FK	-	-
<b>CarrierPackageTypeID</b>	int	FK	-	-
<b>DisplayOrder</b>	int	-	Yes	-
<b>RateGroupDescription</b>	string	Alt FK	-	Alternative to RateGroupID. A valid value, or alternative keys, must be provided.

<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>CarrierServiceName</b>	string	Alt FK	-	Alternative to CarrierServiceID.
<b>PackageTypeName</b>	string	Alt FK	-	Alternative to CarrierPackageTypeID.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Third Parties

Supported entity column headings and data types for [dbo.ThirdParties].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>ThirdPartyTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>AccountID</b>	int	-	Yes	-
<b>AddressID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>Contact</b>	string	-	-	-
<b>Organization</b>	string	-	-	-
<b>Phone</b>	string	-	-	-
<b>Email</b>	string	-	-	-
<b>TaxIdentifier</b>	string	-	-	-
<b>TaxIdentifierTypeID</b>	int	FK	-	-
<b>BrokerReference</b>	string	-	-	-
<b>ThirdPartyType</b>	string	Alt FK	-	Alternative to ThirdPartyTypeID. A valid value, or alternative keys, must be provided.
<b>AccountDescription</b>	string	Alt FK	-	Alternative to AccountID.
<b>AccountNumber</b>	string	Alt FK	-	Alternative to AccountID.
<b>Address1</b>	string	Alt FK	-	A valid value, or alternative keys, must be provided.
<b>Address2</b>	string	-	-	-
<b>Address3</b>	string	-	-	-
<b>City</b>	string	Alt FK	-	A valid value, or alternative keys, must be provided.
<b>Region</b>	string	-	-	-
<b>PostalCode</b>	string	Alt FK	-	A valid value, or alternative keys, must be provided.
<b>CountryCode</b>	string	Alt FK	-	A valid value, or alternative keys, must be provided.
<b>TaxIdentifierDescription</b>	string	Alt FK	-	Alternative to TaxIdentifierID.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Security Credentials

Supported entity column headings and data types for [dbo.SecurityCredentials].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>Description</b>	string	-	Yes	-
<b>CarrierID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID. A valid value, or alternative keys, must be provided.
<b>Identifier</b>	string	-	-	-
<b>IsDefault</b>	bool	-	Yes	-

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Shipping Keys

Supported entity column headings and data types for [dbo.ShippingKeys].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>AccountID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>AccountDescription</b>	string	Alt FK	-	Alternative to AccountID. A valid value, or alternative keys, must be provided.
<b>AccountNumber</b>	string	Alt FK	-	Alternative to AccountID. A valid value, or alternative keys, must be provided.
<b>Description</b>	string	-	Yes	-
<b>ShippingKeyValue</b>	string	-	Yes	-
<b>ShippingKeyTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>AdditionalShippingKeyProperties</b>	string	-	-	-
<b>ShippingKeyType</b>	string	Alt FK	-	Alternative to ShippingKeyTypeID. A valid value, or alternative keys, must be provided.

PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

### Shipping Order Header

Supported entity column headings and data types for [dbo.ShippingOrderHeader].

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>OrderNumber</b>	string	Alt PK	Yes	-
<b>ShipDate</b>	datetime	-	-	-
<b>ShipTo</b>	string	-	-	-
<b>ShipCompany</b>	string	-	-	-
<b>ShipAddressOne</b>	string	-	-	-
<b>ShipAddressTwo</b>	string	-	-	-
<b>ShipAddressThree</b>	string	-	-	-
<b>ShipCity</b>	string	-	-	-
<b>ShipState</b>	string	-	-	-
<b>ShipZip</b>	string	-	-	-
<b>ShipCountry</b>	string	-	-	-
<b>ShipPhone</b>	string	-	-	-
<b>ShipEmail</b>	string	-	-	-
<b>ShipResidential</b>	bool	-	-	-
<b>BillTo</b>	string	-	-	-
<b>BillCompany</b>	string	-	-	-
<b>BillAddressOne</b>	string	-	-	-
<b>BillAddressTwo</b>	string	-	-	-
<b>BillAddressThree</b>	string	-	-	-
<b>BillCity</b>	string	-	-	-
<b>BillState</b>	string	-	-	-
<b>BillZip</b>	string	-	-	-
<b>BillCountry</b>	string	-	-	-
<b>BillPhone</b>	string	-	-	-
<b>BillAccountNumber</b>	string	-	-	-
<b>ReturnTo</b>	string	-	-	-
<b>ReturnCompany</b>	string	-	-	-
<b>ReturnAddressOne</b>	string	-	-	-
<b>ReturnAddressTwo</b>	string	-	-	-
<b>ReturnAddressThree</b>	string	-	-	-
<b>ReturnCity</b>	string	-	-	-
<b>ReturnState</b>	string	-	-	-
<b>ReturnZip</b>	string	-	-	-

ReturnCountry	string	-	-	-
ReturnPhone	string	-	-	-
ReturnEmail	string	-	-	-
OrderPurchaseOrderNumber	string	-	-	-
OrderSalesOrderNumber	string	-	-	-
OrderShipperReference	string	-	-	-
OrderReferenceOne	string	-	-	-
OrderReferenceTwo	string	-	-	-
OrderReferenceThree	string	-	-	-
OrderShipViaCode	string	-	-	-
OrderValue	string	-	-	-
OrderComments	string	-	-	-
DeliverBy	datetime	-	-	-
CustomerNumber	string	-	-	-
RecordKeyOne	string	-	-	-
RecordKeyTwo	string	-	-	-
RecordKeyThree	string	-	-	-
RecordKeyFour	string	-	-	-
RecordKeyFive	string	-	-	-
RecordKeySix	string	-	-	-
CustomIdentifier	string	-	-	-
Shipped	bool	-	-	-
WaybillNumber	string	-	-	-
ShippingCost	decimal	-	-	-
ShippingTotalCost	decimal	-	-	-
ShippingAccessorialCost	decimal	-	-	-
ShippingOtherCost	decimal	-	-	-
RecordKeySeven	string	-	-	-
RecordKeyEight	string	-	-	-
RecordKeyNine	string	-	-	-
RecordKeyTen	string	-	-	-
RecordKeyEleven	string	-	-	-
RecordKeyTwelve	string	-	-	-
RecordKeyThirteen	string	-	-	-
RecordKeyFourteen	string	-	-	-
RecordKeyFifteen	string	-	-	-
RecordKeySixteen	string	-	-	-
RecordKeySeventeen	string	-	-	-
RecordKeyEighteen	string	-	-	-
RecordKeyNineteen	string	-	-	-
RecordKeyTwenty	string	-	-	-
ExternalSystemType	int	-	-	-

PK: Primary Key, Alt PK: Alternative Primary Key

### User Defaults

Supported entity column headings and data types for [dbo.UserDefaults]. The primary key is required to make any changes to this table.

Column Name	Type	Key	Required	Notes
ID	int	PK	-	-
UserID	int	FK	-	-
CarrierID	int	FK	-	A valid value, or alternative keys, must be provided.
SecurityCredentialID	int	FK	-	-

<b>AccountID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>ShippingKeyID</b>	int	FK	-	-
<b>BillingPayerTypeID</b>	int	FK	-	A valid value, or alternative keys, must be provided.
<b>BillingAccountNumber</b>	string	-	-	-
<b>FunctionID</b>	int	FK	-	-
<b>InternationalDefaultID</b>	int	FK	-	-
<b>Denied</b>	bool	-	Yes	-
<b>IsDefault</b>	bool	-	Yes	-
<b>ConsolidatedShippingDefaultID</b>	int	FK	-	-
<b>ProfileID</b>	int	FK	-	-
<b>UserEmail</b>	string	Alt FK	-	Alternative to UserID.
<b>CarrierName</b>	string	Alt FK	-	Alternative to CarrierID.
<b>AccountNumber</b>	string	Alt FK	-	Alternative to AccountID.
<b>AccountDescription</b>	string	Alt FK	-	Alternative to AccountID.
<b>ProfileDescription</b>	string	Alt FK	-	Alternative to ProfileID.
<b>FunctionDescription</b>	string	Alt FK	-	Alternative to FunctionID.
<b>BillingPayerTypeDescription</b>	string	Alt FK	-	Alternative to BillingPayerTypeID.
<b>SecurityCredentialDescription</b>	string	Alt FK	-	Alternative to SecurityCredentialID.
<b>ShippingKeyDescription</b>	string	Alt FK	-	Alternative to ShippingKeyID.
<b>InternationalDefaultDescription</b>	string	Alt FK	-	Alternative to InternationalDefaultID.
<b>ConsolidatedShippingDefaultDescription</b>	string	Alt FK	-	Alternative to ConsolidatedShippingDefaultID.
<b>RequestFromCarrier</b>	bool	-	-	If set to True, used to specify additional data to be requested from the carrier's API. See <a href="#">Onboard Carriers</a> for detail.
<b>AccountUserTitle</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountCompanyName</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountUserFirstName</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountUserLastName</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountUserEmail</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountUserPhone</b>	string	-	Yes, if RequestFromCarrier = True	-



<b>AccountInvoiceNumber</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountInvoiceDate</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountInvoiceAmount</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountInvoiceCurrencyCode</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>AccountInvoiceControllID</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ShippingLocationAddress1</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ShippingLocationCity</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ShippingLocationRegion</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ShippingLocationPostalCode</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ShippingLocationCountryCode</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>BillingLocationAddress1</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>BillingLocationCity</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>BillingLocationRegion</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>BillingLocationPostalCode</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>BillingLocationCountryCode</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ContactLocationAddress1</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ContactLocationCity</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ContactLocationRegion</b>	string	-	Yes, if RequestFromCarrier = True	-
<b>ContactLocationPostalCode</b>	string	-	Yes, if RequestFromCarrier = True	-

<b>ContactLocationCountryCode</b>	string	-	Yes, if RequestFromCarrier = True	-
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PK: Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key

## Users

Supported entity column headings and data types for [dbo.Users].

When importing users, an additional option (*Enable User Import Batching?*) presents in the Data Management wizard determining the number of records imported at one time.

Column Name	Type	Key	Required	Notes
<b>ID</b>	int	PK	-	-
<b>UserName</b>	string	-	Yes	This field cannot be edited.
<b>FullName</b>	string	-	Yes	-
<b>Phone</b>	string	-	Yes	-
<b>IsGroup</b>	bool	-	-	-
<b>Enabled</b>	bool	-	Yes	-
<b>Email</b>	string	Alt PK	Yes	-
<b>JobTitle</b>	string	-	-	-
<b>DepartmentName</b>	string	-	-	-
<b>Password</b>	string	-	-	Field not included in exports. Additionally, import does not apply SendPro® Enterprise password policy rules.
<b>ProfileID</b>	int	FK	-	-
<b>HazardousEnabled</b>	bool	-	-	-
<b>LocationID</b>	int	FK	-	-
<b>CostCenterID</b>	int	FK	-	-
<b>Role</b>	bool	-	Yes	1 = User, 2 = Admin
<b>BulkUser</b>	bool	-	-	-
<b>ExternalUserID</b>	string	-	-	-
<b>ExternalReceiverID</b>	string	-	-	-
<b>AccountCodeID</b>	int	FK	-	-
<b>CompanyCodeID</b>	int	FK	-	-
<b>ExternalDepartmentCode</b>	string	-	-	-
<b>ExternalSiteID</b>	string	-	-	-
<b>TimezoneID</b>	int	FK	-	-
<b>LocalizationID</b>	int	FK	-	-
<b>HazardousShowNotification</b>	bool	-	-	-
<b>DefaultAppID</b>	int	-	-	-
<b>TaxIdentifier</b>	string	-	-	-
<b>TaxIdentifierTypeID</b>	int	FK	-	-
<b>ProfileDescription</b>	string	Alt FK	-	Alternative to ProfileID.
<b>LocationDescription</b>	string	Alt FK	-	Alternative to LocationID.
<b>Address1</b>	string	Alt FK	-	Alternative to LocationID. To be used with LocationDescription.
<b>PostalCode</b>	string	Alt FK	-	Alternative to LocationID. To be used with LocationDescription.
<b>CountryCode</b>	string	Alt FK	-	Alternative to LocationID. To be used with LocationDescription.
<b>CostCenterCode</b>	string	Alt FK	-	Alternative to CostCenterID.

<b>AccountCodeCode</b>	string	Alt FK	-	Alternative to AccountCodeID.
<b>CompanyCodeCode</b>	string	-	-	Alternative to CompanyCodeID.
<b>LocalizationDescription</b>	string	Alt FK	-	Alternative to LocalizationID.
<b>TimezoneName</b>	string	Alt FK	-	Alternative to TimezoneID.
<b>IdentificationTypeDescription</b>	string	Alt FK	-	Alternative to TaxIdentifierTypeID.

PK: Primary Key, Alt PK: Alternative Primary Key, FK: Foreign Key, Alt FK: Alternative Foreign Key