

# Avery Dennison® Freshmarx® Connect

## User Manual



Each product and program carries a respective written warranty, the only warranty on which the customer can rely. Avery Dennison Corp. reserves the right to make changes in the product, the programs, and their availability at any time and without notice. Although Avery Dennison Corp. has made every effort to provide complete and accurate information in this manual, Avery Dennison Corp. shall not be liable for any omissions or inaccuracies. Any update will be incorporated in a later edition of this manual.

©2020 Avery Dennison Corp. All rights reserved. No part of this publication may be reproduced, transmitted, stored in a retrieval system, or translated into any language in any form by any means, without the prior written permission of Avery Dennison Corp.

#### **Trademarks**

Freshmarx® is a registered trademark of Avery Dennison Corp.

Electronic Product Code™ is a trademark of GS1/GS1US.

Microsoft, Windows, Internet Explorer, and Microsoft Edge are trademarks, or registered trademarks of Microsoft Corporation in the United States and other countries.



# Table of Contents

Getting Started .....	1
System Requirements.....	2
Connecting the Printer .....	3
Using the ADTP2 Printer .....	6
Loading RFID Supply .....	6
Setting the Supply Type.....	6
Using Auto Calibration .....	7
Using Easy Setup .....	8
Setting the Error Action .....	8
Logging in.....	9
Resetting Your Password .....	10
Searching for Items.....	10
Setting up Vendor and Item Information.....	11
Editing Vendor Details .....	11
Adding a GTIN14 (Global Trade Item Numbers) Non-Retail Item.....	12
Printing SSCC and SGTIN Labels .....	15
Viewing the Dispatched Data.....	19
Sample Traceability Commissioning Document.....	19
Sample Aggregation Document.....	20
Sample Shipping Document.....	21
Editing Consignment Data within Traceability.....	22
Deleting Data within Traceability .....	22
Commissioning Events.....	23
Viewing the Commissioned Data.....	26
Sample Commissioning Only Document .....	26
Deleting Data within Commission Only .....	27
Configuring the ADTP2 Printer .....	29
Glossary .....	31





Use this document to

1. [Connect your printer.](#)
2. [Log into Freshmarx Connect.](#)
3. [Print labels.](#)

## System Requirements

The PC (running Freshmarx Connect) must use

- ◆ Microsoft® Windows® 10 (or greater)
- ◆ Google Chrome Version 83 (or greater)
- ◆ Microsoft® Edge Version 91.0.864.48 (or greater)
- ◆ Brave 1.24.86 (or greater)

# Connecting the Printer

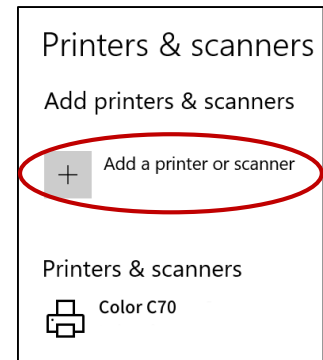
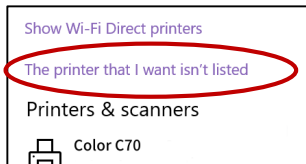


Freshmarx Connect uses a GENERIC Microsoft Windows driver. Use the following instructions to install the ADTP2 printer driver.

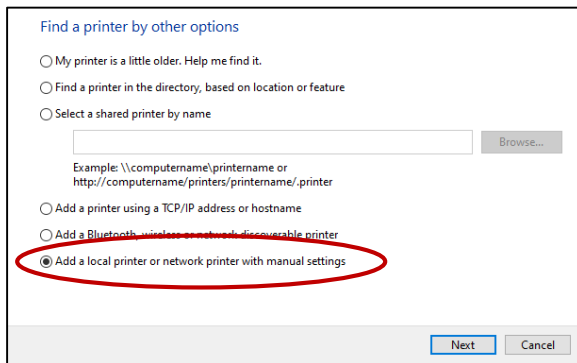
Microsoft Windows Administrator rights are needed to install printer drivers. If you need assistance, contact your IT department.

Connect your ADTP2 printer using WiFi, Ethernet, serial or a USB cable to the PC running Freshmarx Connect. Printing is done using a Windows Print Driver. Create a generic text printer that points to the connected port.

1. Turn on the printer.
2. On your PC, open Settings, Devices, then Printers & Scanners.
3. Select **+ Add a printer or scanner**. Your PC searches for available printers.
4. Scroll through the list and select *The printer that I want isn't listed*.

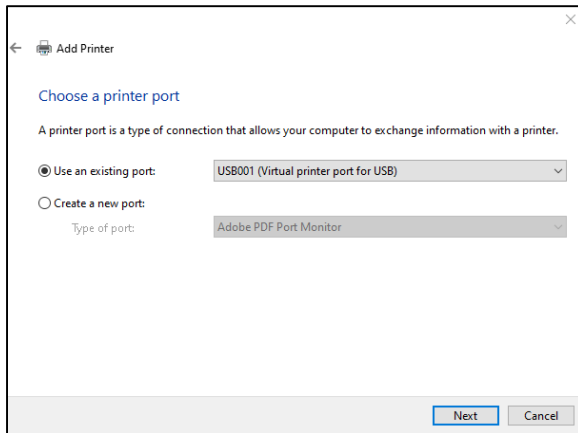


5. Select **Add a local printer or network printer with manual settings**. Click Next.



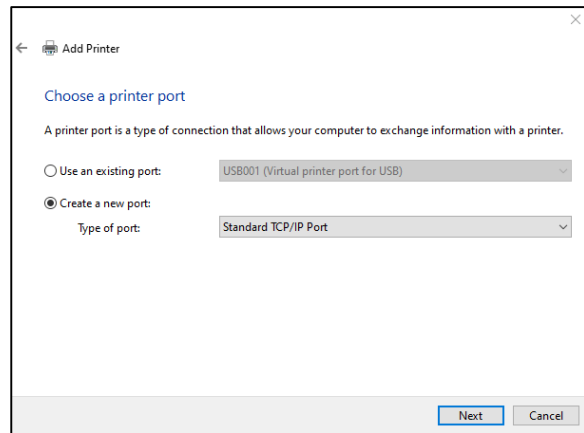
6. Select *Use an existing port*; select the port that appeared after connecting the ADTP2 printer.

For example, USB001. Click **Next**.



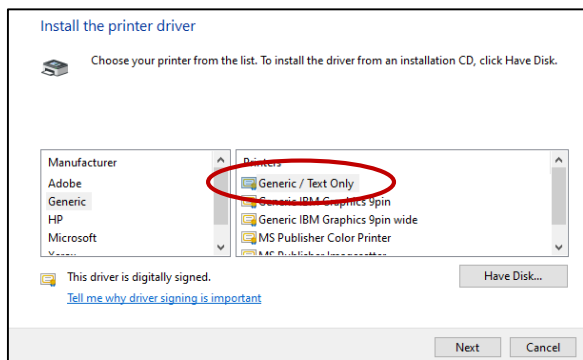
7. Select *Use the driver that is currently installed*. Click **Next**.


For network printers, select *Create a new port*, select *Standard TCP/IP Port* and click **Next**.



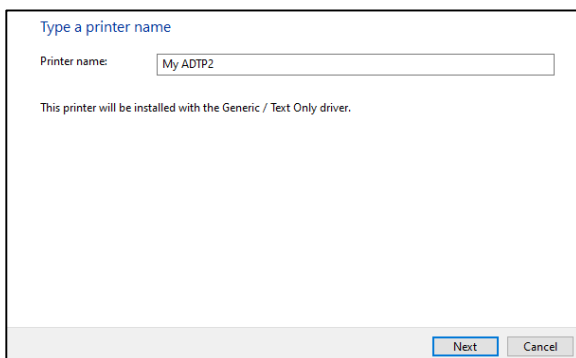
7. Enter the printer's IP Address.  
Click **Next**.

8. Select *Generic* as the *Manufacturer* and *Generic/Text Only* for the printer. Click **Next**.



 If the *Generic/Test Only* driver does not appear in the list, then click **New Driver**. Select *Manufacturer* as *Generic*, and *Printers* as *Generic/Text Only*.

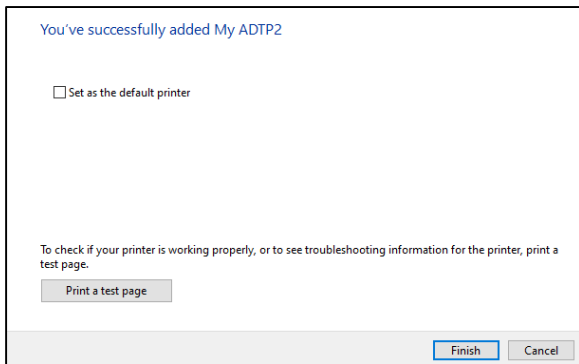
9. Enter a name for the printer. For example, "My ADTP2." Click **Next**.



10. Select *Do not share this printer*. Click **Next**.




11. Decide if you want this printer to be your default and click **Finish**.



The printer is installed.

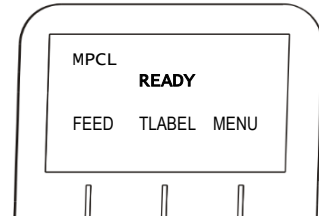
# Using the ADTP2 Printer

Labels are available in a variety of sizes and RFID inlay types - contact your Avery Dennison Representative for supply recommendations.

 **To configure RFID settings, you have two options – [Auto Calibration](#) or [Easy Setup](#). [Auto Calibration](#) is the preferred method.**

## Loading RFID Supply

Load supply according to your printer's *Operator's Handbook*. After connecting the printer and loading supplies, make sure the printer is ready to receive data - the displays shows **Ready**.

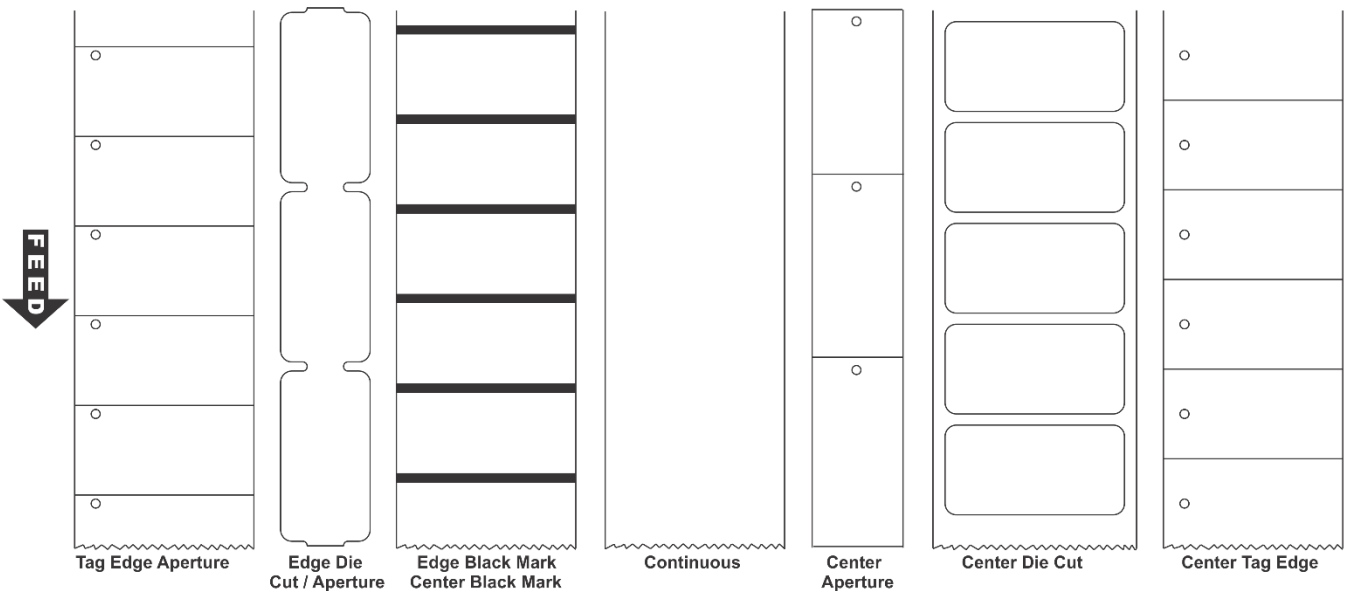
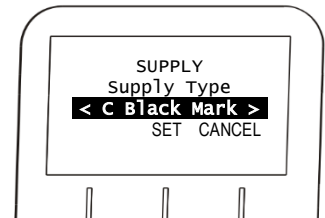



RFID supplies can be damaged by static electricity. Ground yourself by touching metal, such as the printer's metal base, before handling the RFID supplies.

**Printing over the RFID inlay causes printing irregularity and may impact bar code print quality.**

## Setting the Supply Type

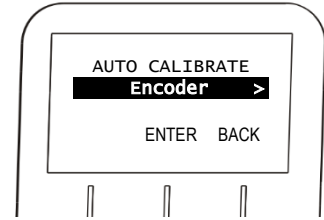
The printer can print on aperture, black mark, die cut, or continuous supplies (see examples pictured). Set the printer's supply type to match the loaded supplies.



 **Select C Black Mark** for black marks across the entire width of the supply. The black marks are used for supply sensing.

## Using Auto Calibration

Use the Auto Calibration Menu (with version 4.0 or higher) to automatically determine the RFID read/write settings and print speed. Auto Calibration is the preferred method to configure RFID settings.



Auto Calibration options include:

Option	Choices	Default
Encoder	Runs auto calibration using the encoder	N/A
Verifier	Runs auto calibration using the verifier	N/A
Power	Normal, High *use Normal unless otherwise directed by Avery Dennison	Normal

- ◆ Load RFID supply into the printer (refer to the Operator's Handbook for details). Expect to use 5-7 labels each time auto calibration runs (takes up to three minutes to complete). After Auto Calibration is done, the supplies may be re-rolled for use/printing. No inlays are encoded and nothing is printed during Auto Calibration. Run Auto Calibration after changes in supply/inlay type.
- ◆ Auto Calibration accounts for slight variations between printers and supply, we recommend running Auto Calibration on each of your printers.
- ◆ Auto Calibration fails if the supply contains non-functional inlays. Make sure your RFID supplies do not have marked inlays or other defects in the calibration process.
- ◆ Auto Calibration is only for use with non-stop encoding (typically used for batch printing). Use [Easy Setup](#) for RFID configuration when printing and encoding in on-demand mode.
- ◆ Auto Calibration sets the print speed to the highest possible based on the ability to reliably encode the inlays. You may need to adjust the print speed DOWN to improve print quality and/or if you are writing more than 96-bits to the EPC.

### Successful Auto Calibration

When auto calibration is successful, you see a green success message, click **OK**. RFID settings and print speed are automatically set. Run a test RFID job with at least 10 labels including EPC information. Read a few random labels to make sure the programmed tag matches the printed EPC information.

### Unsuccessful Auto Calibration

If a motion error occurs (supply jam, out of supply, etc.) during calibration, the error is reported with an error number. Click **OK** to acknowledge the error. Correct the error and retry auto calibration.

### Failed Auto Calibration

If an auto calibration-specific error occurs, you see "Auto Calibrate Failed". Click **OK** to clear the error. Press **Feed** to feed a blank label and repeat Auto Calibration. If it fails a second time, re-inspect the supply and check for marked inlays or defects. Repeat Auto Calibration. If the process fails again, contact Service.

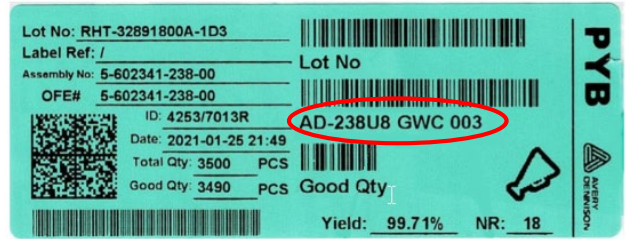
## Using Easy Setup

Use the printer's Easy Setup menu if you **did not use** Auto Calibration for RFID settings. Refer to the System Administrator's Guide for more information.

From the Main menu, select Setup, RFID, Easy Setup.

Then, select the inlay's name and enter the inlay position (**found on your RFID supply roll**).

For example, the RFID supply roll indicates your supply is AD-238U8 GWC 003 (the digits after the inlay's name indicate the Inlay Position):



1) When you see:



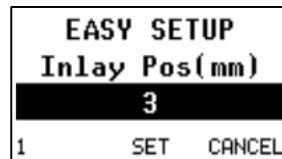
2) Press ENTER.

3) Press → until you see



4) Press ENTER.

5) Press → until you see Inlay Pos. then press ENTER.



6) Press → to increase or ← to decrease the position.

7) Press SET when the number you need appears.

8) Press BACK.



9) Press START to calibrate. At least one label feeds during the calibration process.

10) Press BACK until you see the Main Menu.

## Setting the Error Action

Decide how printer responds to a defective RFID inlay:

- ◆ stop printing and display an error -OR-
- ◆ print an overstrike pattern on the label containing a defective inlay and try to reprint the label. Selecting overstrike and continue 1x-5x sets the number of times the printer prints an overstrike pattern on defective inlay labels before generating an error. The overstrike pattern prevents someone from using a defective inlay label.

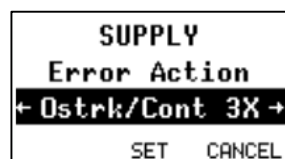
From the Main menu, select Setup, Supply, Error Action. For example:

1) When you see:



2) Press CHANGE.

3) Press → to increase or ← to decrease the number of retries.



4) Press SET when the number you need appears.



5) Press BACK until you see the Main Menu.

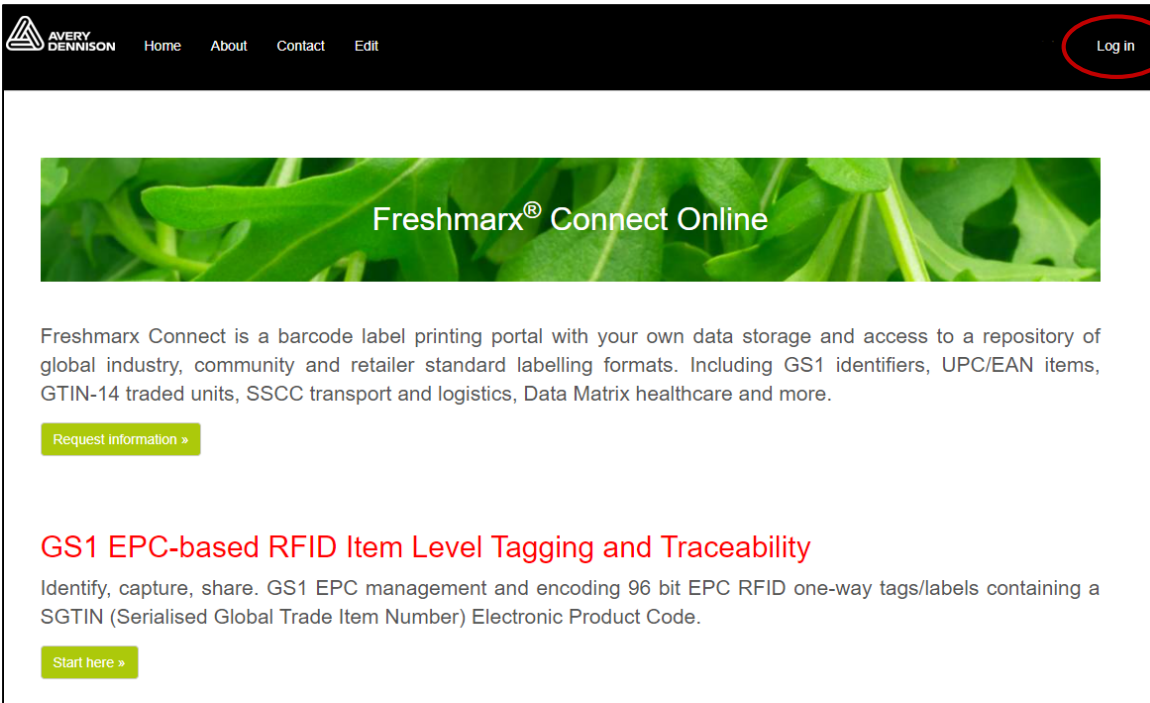
# Logging in

Check with your manager for your login credentials.

1. Using a web browser, navigate to Freshmarx Connect:

<https://freshmarxconnect-app.atma.io/>

2. Select **Log in** from the upper right corner.



3. Enter your email address.
4. Enter your password.
5. Click **Log in**.
6. Click [Start here >](#) to use Freshmarx Connect. You see the main menu:

[Decode EPC Tag ▶](#) [Global Location Numbers \(GLNs\)](#) [Global Trade Item Numbers Non-Retail \(GTIN-14s\)](#) [Commission Only](#) [Traceability](#) [Therapeutics ▶](#)



Therapeutics requires an additional fee and setup. Contact Avery Dennison for more information.

## Resetting Your Password

To reset your password:

1. From the Login page, click **Forgot Password**.
2. Enter your email address then click **Submit**.
3. Open the email and follow the link provided. *The email link expires after five (5) minutes.* The link goes to the Reset Password page.
4. Enter the new password, confirm the password, then click **Set Password**.  
Your password is reset and you return to the Login page.
5. Login with your new password.

## Searching for Items

Within Commission Only or Traceability, easily locate GTIN items with the search feature. The following fields are searched: GTIN-14, GTIN-13, Item ID, Description, and Shelf Life.

1. Enter the search criteria (word, partial word, numbers, etc.). The search is not case sensitive and there is no 'wild card' character.
2. Click **Search** or press **Enter**. Any rows matching the search criteria are displayed. A message appears if no search results are found.

Select GTIN

	GTIN-14	GTIN-13	Item ID	Description	Inner Quantity	Cartons Per Layer	Pallet layers	Shelf Life	Days
Select	10802800332513	080280033251690		Purple Potatoes		4	4	Expiration	21
Select	10802800985252	0802800098528		Cherry Tomatoes	20EA x 1 pint	3	3	Best Before	21
Select	90802800098521	0802800098528		Cherry Tomatoes	20EA x 1 pint	4	3	Best Before	21

Page 1 of 1 ( 3 records)  
First Previous 1 Next Last

to

3 matching rows returned

3. Select the item you need to continue, change the search criteria, or click **Show All** to remove the search criteria and see all your items.

# Setting up Vendor and Item Information

Your System Administrator enters the Vendor Details and your Global Trade Item Numbers during initial Freshmarx Connect setup. This chapter gives limited information on how to edit Vendor details and how to enter a Global Trade Item Number.

## Editing Vendor Details

Your System Administrator enters the Vendor Details during initial Freshmarx Connect setup. Login to Freshmarx Connect, click **Edit** from the top menu bar and update the Supplier Name, Address, Contact information, GS1 Company Prefix, Global Location Number, EPCIS Organization ID, as necessary.

### Edit Vendor Details

<b>E-mail</b>	firstname.lastname@yourcompany.com
<b>Supplier Name</b>	Avery Organics
<b>Supplier Street</b>	170 Monarch Lane
<b>Supplier Street</b>	
<b>Supplier Town</b>	Miamisburg
<b>Supplier State</b>	Ohio
<b>Supplier Postal/Zip Code</b>	45342
<b>Supplier Country</b>	United States
<b>Contact Name</b>	System Admin
<b>Contact Phone No</b>	8005436650
<b>GS1 Company Prefix</b>	081005555
<b>Global Location Number</b>	0810055550005
<b>Traceability Shipping enabled?</b>	<input checked="" type="checkbox"/>
<b>Commission Only enabled?</b>	<input checked="" type="checkbox"/>
<b>Digital Link Domain</b>	
<b>Traceability Provider</b>	Avery Dennison
<b>EPCIS Organisation ID</b>	321

Update
Cancel

Enabling the mode you use simplifies the processes for your users and may prevent accidentally tracked events.

If you only use Freshmarx Connect for Traceability, disable Commission Only, then click Update.

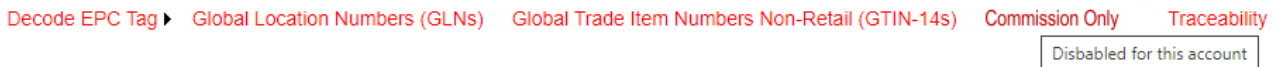
**Global Location Number**

**Traceability Shipping enabled?**

**Commission Only enabled?**

**Digital Link Domain**

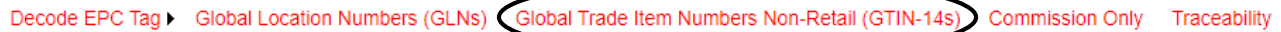
A user will not be able to select Commission Only from the main menu:



## Adding a GTIN14 (Global Trade Item Numbers) Non-Retail Item

Your System Administrator should have already entered GTIN item numbers into Freshmarx Connect. Set up the vendor location before adding items. You are responsible for creating unique item numbers that follow the GS1 standards, which are not covered in this document.

1. Select **Global Trade Item Numbers Non-Retail (GTIN-14s)** from the main menu to add a GTIN item.



2. Enter the GTIN-13 for your item.

**Global Trade Item Numbers Non-Retail (GTIN-14s)**

Vendor CK Greens

Warehouse

Item GTIN

	GTIN-13	Item ID	Weight	Volume	Description	Shelf Life	Days	PLU	Grade	Growing Region	Country Of Origin	Ingredients
Select Edit	0802800098528	Cherry Tomatoes	15	2	20EA x 1 pint	Best Before	21	3146	A	NW Georgia	United States	
Select Edit	0802800098740	Sweet Corn	24	1	12 Dozen ears Silver Queen	Best Before	14	4820	A	Southwest ...	United States	
Select Edit	0802800155870	100 Pounds Baby Carrots	100	1	1 lb packages	Packaging	10	3200	A	SE, CA	United States	
Select Edit	0802800321459	Granny Smith Apples	25	2	5 lb bag	Best Before	21	3071	A	Southwest ...	United States	
Select Edit	0802800332516	90	10	1	Purple Potatoes	Expiration	21	3128	B	South MI	United States	
Select Edit	0802801452695	DWC 2 per bag	5	1	Dutch White Cabbage	Expiration	7	3050	A	Central De...	Denmark	
Insert Clear			0	0								

Page 1 of 1 ( 9 records)  
First Previous 1 Next Last

Q Search Q Show All

Traded GTIN No records found click here to insert one

3. Enter the Item ID (alphanumeric).
4. Enter the Weight (numeric).
5. Enter the Volume (numeric).



6. Enter the Description (alphanumeric).
7. Select the Shelf Life (Expiration, Best Before, Packaging).
8. Enter the number of Days.
9. Select the PLU.
10. Enter the Grade.
11. Enter the Growing Region.
12. Select the Country of Origin.

Country Of Origin	Ingredients	Origin of Ingredients	Begin EPC Serial	End EPC Serial	Next EPC Serial
United States			2200	16777215	2548
United States			1100	16777215	1277
United States			100	16777215	400
United States			200	16777215	337
United States			150	16777215	225
Denmark			60	16777215	106
United States	Apples	Michigan, USA	300	16777215	325

13. Enter the Ingredients (if necessary).
14. Enter the Origin of Ingredients (if necessary).
15. Enter the Begin EPC Serial Number.
16. Enter the End EPC Serial Number.
17. Enter the Next EPC Serial.
18. Click **Insert**.

### Global Trade Item Numbers Non-Retail (GTIN-14s)

Vendor: CK Greens

Warehouse: 081005555

Item GTIN

	GTIN-13	Item ID	Weight	Volume	Description	Shelf Life	Days	PLU	Grade	Growing Region	Country Of Origin	Ingredients
Select	0802800098528	Cherry Tomatoes	15	2	20EA x 1 pint	Best Before	21	3146	A	NW Georgia	United States	
Edit	0802800098740	Sweet Corn	24	1	12 Dozen ears Silver Queen	Best Before	14	4820	A	Southwest ...	United States	
Select	08028001155870	100 Pounds Baby Carrots	100	1	1 lb packages	Packaging	10	3200	A	SE, CA	United States	
Select	0802800321459	Granny Smith Apples	25	2	5 lb bag	Best Before	21	3071	A	Southwest ...	United States	
Edit	0802800332516	90	10	1	Purple Potatoes	Expiration	21	3128	B	South MI	United States	
Select	0802801452695	DWC 2 per bag	5	1	Dutch White Cabbage	Expiration	7	3050	A	Central De	Denmark	
<b>Insert</b>	0802801582217	Honeycrisp Apples	5	1	3 lb bag	Best Before	21	3468	A	Southern MI	United States	Apples

Page 1 of 1 ( 9 records)  
First Previous 1 Next Last

---

Traded GTIN: No records found click here to insert one

19. Click **No records found click here to insert one**. The Traded GTIN section appears.

Insert	Clear	0802801582217	Honeycrisp Apples	5	1	3 lb bag	Best Before	21	3468	A	Southern MI	United States	Apples
Page 1 of 1 ( 9 records) First Previous 1 Next Last													
		<input type="text"/>	Search	Show All									
Traded GTIN	No records found click here to insert one												

20. Enter the GTIN-14.

Traded GTIN	GTIN-13	0802801582217	
	GTIN-14	<input type="text"/>	
	Description	<input type="text"/>	
	Cartons Per Layer	<input type="text"/>	
	Layers Per Pallet	<input type="text"/>	
	Carton Count	<input type="text"/>	
	Insert		Cancel

21. Enter the Traded GTIN Description.

22. Enter the number of Cartons Per Layer.

23. Enter the number of Layers Per Pallet.

24. Enter the Carton Count. This is the number of labels that will print in Traceability.

25. Click **Insert**. The item is available in Commission Only or Traceability. If the Traded GTIN information is missing, the item will **not be available** in Commission or Traceability.

Traded GTIN	GTIN-13	0802801582217	
	GTIN-14	90802801582258	
	Description	3# Bagged apples	
	Cartons Per Layer	3	
	Layers Per Pallet	4	
	Carton Count	12	
	Insert		Cancel

# Printing SSCC and SGTIN Labels

Select **Traceability** from the main menu to print and encode shipping labels.

Decode EPC Tag ▶ Global Location Numbers (GLNs) Global Trade Item Numbers Non-Retail (GTIN-14s) Commission Only **Traceability**

Use the Traceability menu to

- ◆ Create a consignment with the required Global ID Number, schedule date, and order/invoice number.
- ◆ Generate the required SSCC (Serial Shipping Container Code).
- ◆ Print (and encode) shipping labels.
- ◆ Dispatch (finalize) the digital identity for each shipment.

1. Select **Traceability**. Your vendor name and warehouse appear.

**Commission Cases, Pallets and Shipments**

Vendor: Avery Farms

Warehouse: 1165555

Carrier: Select carrier

ID	Global Id Number for Consignment	Delivery Location ID	Shipped	Scheduled	Status	Order No	Invoice No
<a href="#">Insert</a>	<a href="#">Click for next GINC</a>	Select Delivery Id...			Open		
Page 0 of 0 ( 0 records)							
<a href="#">First</a> <a href="#">Previous</a> <a href="#">Next</a> <a href="#">Last</a>							

Delivery Address: No data was returned

2. Select the Carrier.

3. In the Consignment section, select **Click for next GINC**. The next sequential number is automatically generated.

When you have any open (non-dispatched) shipments, you are prompted to confirm that you want to create a new shipment before continuing. Click **OK** to create a new shipment or click **Cancel** and then **Dispatch** to dispatch any open shipments before continuing.

4. Select the Delivery Location ID (based on Global Location Numbers setup).

5. Enter the Scheduled Delivery Date as MM/DD/YYYY. The slash (/) is required.

6. Enter the Order Number and the Invoice Number, if known. These are not required fields.

7. Click **Insert**.

Consignment		ID	Global Id Number for Consignment	Delivery Location ID	Shipped	Scheduled	Status	Order No	Invoice No
<b>Insert</b>	<b>Year</b>		11655550000013	Warehouse Fresh		06/18/2020	Open	123	45
Select	Edit	273	11655550000011	0280283332214	6/3/2020	6/3/2020	Despatched	15	14
Select	Edit	269	11655550000008	0280281112566		6/10/2020	Open	5	6
Select	Edit	268	11655550000007	0280285412365	6/1/2020	6/3/2020	Despatched	1	2
Select	Edit	267	11655550000006	0280283332214		5/29/2020	Open	5	8
Select	Edit	266	11655550000005	0280283332214		5/28/2020	Open	12	22
Select	Edit	264	11655550000004	0280281112566		5/5/2020	Open	11	21

Page 1 of 1 ( 6 records)  
First Previous 1 Next Last

The delivery address appears.

Delivery Address	
Delivery Location ID	0280285412365
Name	Warehouse Fresh
Street 1	500 Central Ave
Street 2	
Town	Miamisburg
State	OH
Post/Zip Code	45424
Country	United States

- In the GTIN section, click **Select** to pick the product to ship or use **Search** to find the product you need. The optional pallet details appear.
- The number of cartons is automatically added (based on Item GTIN setup). Verify the number of cartons for this shipment and change this information as necessary. The number of cartons equals the number of labels that will be printed.

Select GTIN

	GTIN-14	GTIN-13	Item ID	Description	Inner Quantity	Cartons Per Layer	Pallet layers	Shelf Life	Days
Select	01082800321454	0802800321459	Granny Smith Apples	5 lb bag		2	3	Best Before	21
Select	10802800155877	0802800155870	100 Pounds Baby Carrots	1 lb packages		2	4	Packaging	10
Select	10802800332513	0802800332516	90	Purple Potatoes		4	4	Expiration	21
Select	10802800985252	080280098528	Cherry Tomatoes	20EA x 1 pint		3	3	Best Before	21
Select	10802822331594	1080282225581	THX variety C	THX Variety C		4	2	Best Before	45
Select	10802857449134	1080285740913	THX bulk	THX Bulk pack		3	4	Best Before	30
Select	10802867571238	1080286740967	THX seeds	THX Seeds		2	2	Expiration	50
Select	10828000987414	0802800098740	Sweet Corn	12 Dozen ears Silver Queen		1	5	Best Before	14
Select	90802800098521	0802800098528	Cherry Tomatoes	20EA x 1 pint		4	3	Best Before	21
Select	90802801452629	0802801452695	DWC 2 per bag	Dutch White Cabbage		2	3	Expiration	7

Page 1 of 1 ( 10 records)  
First Previous 1 Next Last

---

Add optional pallet details, lot/batch number, country of origin, shelf life or variable weight.

← **Number of Cartons**  
 ← **Lot Number**  
 ← **Country of Origin**

Expiry Date  
 Best Before Date  
 Pack Date

Your system region settings: English (United States)

2/5/2023

- Enter the Lot number (maximum 20 alphanumeric digits). Lot number is very important for recall purposes and overall traceability. It helps reduce waste when lot numbers follow the product through the supply chain because it can prove your items are not part of a recall.

- Adjust the Country of Origin, if necessary.
- Enter the pallet Weight (up to two decimal points) in kilograms (kg) or pounds (lb). The unit of measure changes based on the shipment location. *This field is only required for variable-weight products.*

Select	10828000987414	0802800098740	Sweet Corn	12 Dozen ears Silver Queen		1	5	Best Before	14
Select	90802800098521	0802800098528	Cherry Tomatoes	20EA x 1 pint		4	3	Best Before	21
Select	90802801452629	0802801452695	DWC 2 per bag	Dutch White Cabbage		2	3	Expiration	7

Page 1 of 1 ( 10 records)  
First Previous 1 Next Last

Search Show All

---

Add optional pallet details, lot/batch number, country of origin, shelf life or variable weight.

12  
0620  
United States  
0.00 lb ← **Weight**

Expiry Date  
 Best Before Date  
 Pack Date

Your system region settings: English (United States)  
2/16/2023

- The Expiration, Best Before, or Pack Date is automatically calculated from your previously entered data (based on Item GTIN setup). Change this information if necessary.
- In the Pallets section, select **Click for next SSCC**. The Serial Shipping Container Code is automatically generated.

Pallets	Pack Id	SSCC	URI	GLN	Case Count	Status
<input type="button" value="Insert"/> <input type="button" value="Cancel"/> <input type="button" value="Click for next SSCC"/>						Open
<input type="button" value="Close"/> <input type="button" value="Delete"/>	334	0031165555000000087	urn:epc:id:sscc:1165555.3000000008	1165555000000	8	Open

Page 1 of 1 ( 1 records)  
First Previous 1 Next Last

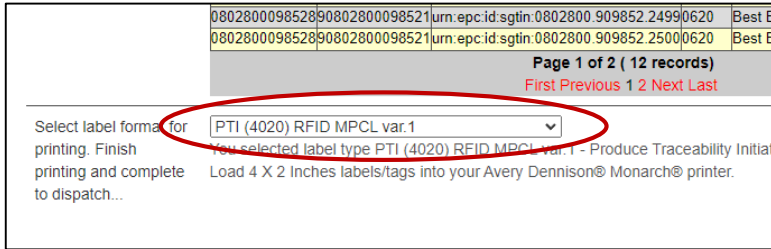
- Click **Insert**. Within the SGTIN section, the GTIN-13, GTIN-14, URI, Lot number, Shelf Life, Shelf Date and Status appear.

Close	Delete	334	0031165555000000087	urn:epc:id:sscc:1165555.3000000008	1165555000000	8	Open	Print
Page 1 of 1 ( 1 records) First Previous 1 Next Last								
SGTIN								
GTIN-13	GTIN-14	URI	Lot No	Shelf Life	Shelf Date	Status		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2016	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2017	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2018	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2019	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2020	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2021	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2022	0620	Expiration	2020-07-17	In process		
0280281111118	10280281111115	urn:epc:id:sgtin:0280281.111111.2023	0620	Expiration	2020-07-17	In process		

Page 1 of 1 ( 8 records)  
First Previous 1 Next Last

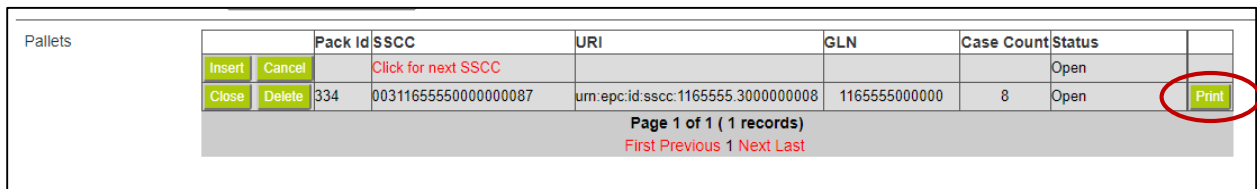
The URI contains the serial number and GTIN with a serialization, which makes each label unique for each case being labeled.

16. At the bottom of the screen, select the label format to print.



If you entered the pallet's weight, select a label format that includes "Variable Weight." Thumbnail images are shown for the label formats.

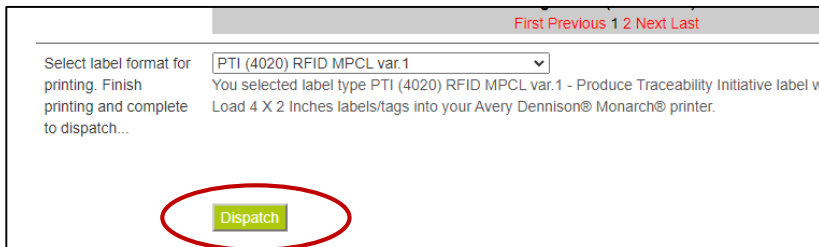
 17. Make sure the printer is connected and ready to receive data, then click **Print**.



The print job is sent to the connected printer. The labels are printed and encoded.

18. Apply the labels to all the boxes in the shipment. After printing, you are prompted to dispatch any open shipments. Click **OK** to dispatch the shipment (wait a few seconds for the dispatch process to complete) or click **Cancel** to dispatch later.

19. Once the labels are applied, click **Dispatch**.



Dispatch finalizes the shipment and sends the EPCIS standard record to the third party software (selected earlier) to create the digital identity/record of that shipment. The shipment's information is viewable online (via your transparency provider).

20. Repeat steps 3 – 18 for each item you ship.

When you have any open (non-dispatched) shipments, you are prompted to confirm that you want to create a new shipment before continuing. Click **OK** to create a new shipment or click **Cancel** and then **Dispatch** to dispatch any open shipments before continuing.

# Viewing the Dispatched Data

Select any of the following documents to view the dispatched data:

- ◆ [EPCIS commissioning document](#)
- ◆ [EPCIS aggregation document](#)
- ◆ [EPCIS shipping document](#)

## Sample Traceability Commissioning Document

```
<?xml version="1.0" encoding="utf-8"?>
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda" schemaVersion="1.2"
creationDate="2021-06-29T14:03:21.575+00:00" xmlns:epcis="urn:epcglobal:epcis:xsd:1">
  <EPCISBody>
    <EventList>
      <ObjectEvent>
        <ObjectEvent>
          <eventTime>2021-06-29T14:03:21.5760427+00:00</eventTime>
          <eventTimeZoneOffset>+0:00</eventTimeZoneOffset>
          <baseExtension>
            <eventID>urn:uuid:WK-CAAS-C052411.0810055550005.9109</eventID>
          </baseExtension>
          <epcList>
            <epc>urn:epc:id:sgtin:0802800.115587.248</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.249</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.250</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.251</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.252</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.253</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.254</epc>
            <epc>urn:epc:id:sgtin:0802800.115587.255</epc>
          </epcList>
          <action>ADD</action>
          <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
          <disposition>urn:epcglobal:cbv:disp:active</disposition>
          <readPoint>
            <id>urn:epc:id:sgln:0810055.55000.0</id>
          </readPoint>
          <bizLocation>
            <id>urn:epc:id:sgln:0810055.55000.0</id>
          </bizLocation>
          <extension>
            <quantityList>
              <quantityElement>
                <epcClass>urn:epc:class:lgtn:0802800.115587.124</epcClass>
                <quantity>8</quantity>
                <uom>CS</uom>
              </quantityElement>
            </quantityList>
            <ilmd>
              <cbvmda:lotNumber>124</cbvmda:lotNumber>
              <cbvmda:packagingDate>2021-07-09</cbvmda:packagingDate>
            </ilmd>
          </extension>
        </ObjectEvent>
      </EventList>
    </EPCISBody>
  </epcis:EPCISDocument>
```

## Sample Aggregation Document

```
<?xml version="1.0" encoding="utf-8"?>
<epcis:EPCISDocument schemaVersion="1.2" creationDate="2021-06-29T14:03:21.8530372+00:00"
xmlns:epcis="urn:epcglobal:epcis:xsd:1">
  <EPCISBody>
    <EventList>
      <AggregationEvent>
        <eventTime>2021-06-29T14:03:21.8530372+00:00</eventTime>
        <eventTimeZoneOffset>+0:00</eventTimeZoneOffset>
        <baseExtension>
          <eventID>urn:uuid:WK-CAAS-C052411.0810055550005.9131</eventID>
        </baseExtension>
        <parentID>urn:epc:id:sscc:0810055.3550000020</parentID>
        <childEPCs>
          <epc>urn:epc:id:sgtin:0802800.115587.248</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.249</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.250</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.251</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.252</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.253</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.254</epc>
          <epc>urn:epc:id:sgtin:0802800.115587.255</epc>
        </childEPCs>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:packing</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_progress</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:0810055.55000.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:0810055.55000.0</id>
        </bizLocation>
        <extension>
          <childQuantityList>
            <quantityElement>
              <epcClass>urn:epc:class:lgtn:0802800.115587.124</epcClass>
              <quantity>8</quantity>
              <uom>CS</uom>
            </quantityElement>
          </childQuantityList>
        </extension>
      </AggregationEvent>
    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>
```



## Sample Shipping Document

```
<?xml version="1.0" encoding="utf-8"?>
<epcis:EPCISDocument schemaVersion="1.2" creationDate="2021-06-29T14:03:21.8960326+00:00"
xmlns:epcis="urn:epcglobal:epcis:xsd:1">
  <EPCISBody>
    <EventList>
      <ObjectEvent>
        <eventTime>2021-06-29T14:03:21.8960326+00:00</eventTime>
        <eventTimeZoneOffset>+0:00</eventTimeZoneOffset>
        <baseExtension>
          <eventID>urn:uuid:WK-CAAS-C052411.0810055550005.6809.9131</eventID>
        </baseExtension>
        <epcList>
          <epc>urn:epc:id:sscc:0810055.3550000020</epc>
        </epcList>
        <action>OBSERVE</action>
        <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
        <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:0810055.55000.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:0810055.55000.0</id>
        </bizLocation>
        <bizTransactionList>
          <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0280285412341:66</bizTransaction>
          <bizTransaction
type="urn:epcglobal:cbv:btt:inv">urn:epcglobal:cbv:bt:0810055550005:52</bizTransaction>
        </bizTransactionList>
        <extension>
          <quantityList>
            <quantityElement>
              <epcClass>urn:epc:class:lgtn:0802800.115587.124</epcClass>
              <quantity>8</quantity>
              <uom>CS</uom>
            </quantityElement>
          </quantityList>
          <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0810055.55000.0</source>
          </sourceList>
          <destinationList>
            <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:0280285.41234.0</destination>
          </destinationList>
        </extension>
      </ObjectEvent>
    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>
```

## Editing Consignment Data within Traceability

1. In the Consignment section, click **Edit** to correct an entry if you make a mistake entering the scheduled date, Order Number, or Invoice Number. It is not possible to edit the Delivery Location ID.

Consignment		ID	Global Id Number for Consignment	Delivery Location ID	Shipped	Scheduled	Status	Order No	Invoice No
<input type="button" value="Insert"/>	<input type="button" value="Clear"/>		Click for next GINC	Select Delivery Id... ▾			Open		
<input type="button" value="Select"/>	<input type="button" value="Edit"/>	817	08100555500010	0280285412341		6/30/2021	Open	551	102

2. Click **Update** to save the changes (or click **Cancel** to cancel the changes).


Consignment		ID	Global Id Number for Consignment	Delivery Location ID	Shipped	Scheduled	Status	Order No	Invoice No
<input type="button" value="Insert"/>	<input type="button" value="Clear"/>		Click for next GINC	Select Delivery Id... ▾			Open		
<input type="button" value="Update"/>	<input type="button" value="Cancel"/>	817	08100555500010	0280285412341		6/30/2021	Open	551	102
<input type="button" value="Select"/>	<input type="button" value="Edit"/>	812	08100555500009	0280285412358	6/29/2021 1:39 PM	6/30/2021	Dispatched	100	99

3. Click **Close** to continue.

You cannot edit dispatched data.

## Deleting Data within Traceability

Use caution when deleting a pallet. You can delete a pallet before **or** after printing labels; however, the data is not deleted. The status changes to decommissioned. A decommissioned pallet cannot be dispatched.

 If a pallet is decommissioned (not able to be dispatched), the EPC data is never posted.

Once a shipment is dispatched (commission event is posted), it cannot be deleted.  
A consignment cannot be deleted once case or EPC data has been associated to it.

1. In the Pallet section, click **Select** for the item to delete (if the item is not already in use).

Pallets		Pack Id	SSCC	URI	GLN	Case Count	Status
<input type="button" value="Insert"/>	<input type="button" value="Cancel"/>		Click for next SSCC				Open
<input type="button" value="Select"/>		9159	0030810055550000297	urn:epc:id:sscc:0810055.3550000029	0810055550005	8	Decommissioned
<input type="button" value="Select"/>		9158	0030810055550000280	urn:epc:id:sscc:0810055.3550000028	0810055550005	8	Open
<input type="button" value="Select"/>		9157	0030810055550000273	urn:epc:id:sscc:0810055.3550000027	0810055550005	8	Printed

Page 1 of 1 ( 3 records)  
First Previous 1 Next Last

2. Click **Delete**. The status changes to Decommissioned.

Pallets		Pack Id	SSCC	URI	GLN	Case Count	Status
<input type="button" value="Insert"/>	<input type="button" value="Cancel"/>		Click for next SSCC				Open
<input type="button" value="Select"/>		9159	0030810055550000297	urn:epc:id:sscc:0810055.3550000029	0810055550005	8	Decommissioned
<input type="button" value="Close"/>	<input type="button" value="Delete"/>	9158	0030810055550000280	urn:epc:id:sscc:0810055.3550000028	0810055550005	8	Open
<input type="button" value="Select"/>		9157	0030810055550000273	urn:epc:id:sscc:0810055.3550000027	0810055550005	8	Printed

Page 1 of 1 ( 3 records)

3. Click **Close** to continue.

Pallets		Pack Id	SSCC	URI	GLN	Case Count	Status
<input type="button" value="Insert"/>	<input type="button" value="Cancel"/>		Click for next SSCC				Open
<input type="button" value="Select"/>		9159	0030810055550000297	urn:epc:id:sscc:0810055.3550000029	0810055550005	8	Decommissioned
<input type="button" value="Close"/>	<input type="button" value="Delete"/>	9158	0030810055550000280	urn:epc:id:sscc:0810055.3550000028	0810055550005	8	Decommissioned
<input type="button" value="Select"/>		9157	0030810055550000273	urn:epc:id:sscc:0810055.3550000027	0810055550005	8	Printed

Page 1 of 1 ( 3 records)

# Commissioning Events

EPCIS (Electronic Product Code Information Services) captures events relating to your products as they move through the supply chain. A GTIN must be commissioned **before** it can be used within EPCIS. Commissioning is the process of capturing an event that happens to your product. Other events include aggregation (combining products to make a new item), packing, shipping, etc. Every step in the process is usually represented by an event. As these events (steps) are recorded (tracked), it makes items easier to find if a recall happens.

If you need to create a consignment, select a delivery location, add a shipment date, order/invoice number, create an SSCC, or enter any palletization information, see “[Printing SSCC and SGTIN Labels](#)” for more information.

Select **Commission Only** from the main menu to print and encode serialized case labels and post commission events.

Decode EPC Tag ▶ Global Location Numbers (GLNs) Global Trade Item Numbers Non-Retail (GTIN-14s) **Commission Only** Traceability

Use the **Commission Only** menu to

- ◆ Select a GTIN-14 and enter the batch/lot number
- ◆ Print and encode the desired quantity of case labels. The labeled cases would be set aside for later picking and dispatching. (Use the Commission Only page when you have an alternate method for creating shipping and pallet aggregation events.)
- ◆ Post the commission event (occurs when labels are printed).

1. Select Commission Only. Your vendor name and warehouse appear.

## Commission Cases

---

Vendor Avery Farms

---

Warehouse

---

Select GTIN

	GTIN-14	GTIN-13	Item ID	Description	Inner Quantity	Cartons Per Layer	Pallet layers	Shelf Life	Days
Select	10081005593121	0081005593124	Sweet Corn	12 Dozen ears Silver Queen		1	2	Best Before	7
Select	10081005593138	0081005593131	400	12 Dozen Ears Supersweet		2	2	Best Before	7
Select	10810055932006	0810055930128	50	100 Pounds Baby Carrots		3	3	Expiration	14
Select	10810055933003	0810055932504	80	100 Pounds Parsnips		3	3	Expiration	14
Select	19810559112219	9810559112212	Asparagus Spears	1 doz x 1 carton		6	2	Packaging	10
Select	90810055932224	9810055932222	90	Purple Potatoes		3	2	Expiration	21
Select	90810055934440	9810055934448	Cherry Tomatoes	20EA x 1 pint		4	5	Best Before	14
Select	90810559343212	9810559343210	96	Dutch White Cabbage		3	4	Expiration	7

Page 1 of 1 ( 8 records)  
[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

- In the GTIN section, click **Select** to pick the product to commission or use **Search** to find the product you need. The optional pallet details appear.
- The number of cartons is automatically added (based on Item GTIN setup). Verify the number of cartons for this shipment and change this information as necessary. The number of cartons equals the number of labels that will be printed.

Select GTIN

	GTIN-14	GTIN-13	Item ID	Description	Inner Quantity	Cartons Per Layer	Pallet layers	Shelf Life	Days
Select	01082800321454	0802800321459	Granny Smith Apples	5 lb bag		2	3	Best Before	21
Select	10802800155877	0802800155870	100 Pounds Baby Carrots	1 lb packages		2	4	Packaging	10
Select	10802800332513	0802800332516	90	Purple Potatoes		4	4	Expiration	21
Select	10802800985252	0802800098528	Cherry Tomatoes	20EA x 1 pint		3	3	Best Before	21
Select	10802822331594	1080282225581	THX variety C	THX Variety C		4	2	Best Before	45
Select	10802857449134	1080285740913	THX bulk	THX Bulk pack		3	4	Best Before	30
Select	10802867571238	1080286740967	THX seeds	THX Seeds		2	2	Expiration	50
Select	10828000987414	0802800098740	Sweet Corn	12 Dozen ears Silver Queen		1	5	Best Before	14
Select	90802800098521	0802800098528	Cherry Tomatoes	20EA x 1 pint		4	3	Best Before	21
Select	90802801452629	0802801452695	DWC 2 per bag	Dutch White Cabbage		2	3	Expiration	7

Page 1 of 1 ( 10 records)  
First Previous 1 Next Last

Search Show All

---

Add optional pallet details, lot/batch number, country of origin, shelf life or variable weight.

5 ← Number of Cartons

9514 ← Lot Number

United States ← Country of Origin

Expiry Date  
 Best Before Date  
 Pack Date

Your system region settings: English (United States)

2/10/2023

- Enter the Lot number (maximum 20 alphanumeric digits). Lot number is very important for recall purposes and overall traceability. It helps reduce waste when lot numbers follow the product through the supply chain because it can prove your items are not part of a recall.
- Adjust the Country of Origin, if necessary.
- Enter the pallet Weight (up to two decimal points) in kilograms (kg) or pounds (lb). The unit of measure changes based on the shipment location. *This field is only required for variable-weight products.*

Select	90802800098521	0802800098528	Cherry Tomatoes	20EA x 1 pint		4	3	Best Before	21
Select	90802801452629	0802801452695	DWC 2 per bag	Dutch White Cabbage		2	3	Expiration	7

Page 1 of 1 ( 10 records)  
First Previous 1 Next Last

Search Show All

---

Add optional pallet details, lot/batch number, country of origin, shelf life or variable weight.

12

9514

United States

0.00 lb ← Weight

Expiry Date  
 Best Before Date  
 Pack Date

Your system region settings: English (United States)

2/17/2023

- The Expiration, Best Before, or Sell By date is automatically calculated from your previously entered data (based on Item GTIN setup). Change this information if necessary.

- In the Production run section, select **Click for next Run ID (SSCC)**. The Serial Shipping Container Code is automatically generated.

Production run, batch/lot, or pallet	Pack Id	SSCC	URI	Run Date	Case Count	Status
<b>Insert</b> <b>Cancel</b>		<b>Click for next Run Id (SSCC)</b>				Open
<b>Select</b>	9672	00308100555500000686	urn:epc:id:sscc:0810055.3550000068	10/19/2021 2:52 PM	5	Commissioned
<b>Select</b>	9670	00308100555500000679	urn:epc:id:sscc:0810055.3550000067	10/14/2021 11:12 AM	9	Commissioned
<b>Select</b>	9656	00308100555500000662	urn:epc:id:sscc:0810055.3550000066	9/28/2021 8:29 AM	8	Commissioned
<b>Select</b>	9647	00308100555500000655	urn:epc:id:sscc:0810055.3550000065	9/27/2021 2:12 PM	8	Commissioned
<b>Select</b>	9479	00308100555500000556	urn:epc:id:sscc:0810055.3550000055	7/23/2021 2:53 PM	8	Open
<b>Select</b>	9478	00308100555500000532	urn:epc:id:sscc:0810055.3550000053	7/23/2021 10:01 AM	8	Commissioned
<b>Select</b>	9477	00308100555500000518	urn:epc:id:sscc:0810055.3550000051	7/23/2021 9:59 AM	8	Decommissioned
<b>Select</b>	9476	00308100555500000464	urn:epc:id:sscc:0810055.3550000046	7/22/2021 8:59 AM	8	Open
<b>Select</b>	9475	00308100555500000457	urn:epc:id:sscc:0810055.3550000045	7/21/2021 4:45 PM	8	Commissioned
<b>Select</b>	9473	00308100555500000426	urn:epc:id:sscc:0810055.3550000042	7/21/2021 4:30 PM	8	Open

Page 1 of 3 ( 23 records )  
First Previous 1 2 3 Next Last

- Click **Insert**. Within the SGTIN section, the GTIN-14, URI, Lot number, Shelf Life, Shelf Date and Status appear. The URI contains the serial number and GTIN with a serialization, which makes each label unique for each case being labeled.

SGTIN	GTIN-13	GTIN-14	URI	Lot No	Shelf Life	Shelf Date	Status
	0081005593124	10081005593121	urn:epc:id:sgtin:0081005.159312.12309514	Best Before	2021-06-29	In process	
	0081005593124	10081005593121	urn:epc:id:sgtin:0081005.159312.12319514	Best Before	2021-06-29	In process	

Page 1 of 1 ( 2 records )  
First Previous 1 Next Last

- At the bottom of the screen, select the label format to print. If you entered the pallet's weight, select a format that includes "Variable Weight." Thumbnail images are shown for the label formats.

9810055932222	90810055932224	urn:epc:id:sgtin:081005
---------------	----------------	-------------------------

Page 1  
First Pre

Select label format for printing. Finish printing and complete to dispatch... You selected label type PTI v3 RFID (4020) Variable V Load 4 X 2 Inches labels/tags into your Avery Denniso dispatch...

PTI v3 RFID (4020) Variable Weight

- Make sure the printer is connected and ready to receive data, then click **Print**.

Production run, batch/lot, or pallet	Pack Id	SSCC	URI	Run Date	Case Count	Status
<b>Insert</b> <b>Cancel</b>		<b>Click for next Run Id (SSCC)</b>				Open
<b>Close</b> <b>Delete</b>	9096	00308100559300000525	urn:epc:id:sscc:0810055.3930000052	6/22/2021 4:40 PM	9	Open

**Print**



Printing posts the commission event and the status changes to Commissioned.

The print job is sent to the connected printer. The labels are printed and encoded.

- Apply the labels to all the boxes. The current GTIN stays selected so you can change the number of cartons, a lot number, or the shelf life and print another batch of labels.

- Select a new item and repeat steps 2 – 12.

## Viewing the Commissioned Data

Select the EPCIS commissioning document to view the commissioned data.

### Sample Commissioning Only Document

```
<?xml version="1.0" encoding="utf-8"?>
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda" schemaVersion="1.2"
creationDate="2021-06-22T19:22:41.9090746+00:00" xmlns:epcis="urn:epcglobal:epcis:xsd:1">
  <EPCISBody>
    <EventList>
      <ObjectEvent>
        <eventTime>2021-06-22T19:22:41.910078+00:00</eventTime>
        <eventTimeZoneOffset>+0:00</eventTimeZoneOffset>
        <baseExtension>
          <eventID>urn:uuid:WK-CAAS-C052411.081005593.9068</eventID>
        </baseExtension>
        <epcList>
          <epc>urn:epc:id:sgtin:0081005.159312.1228</epc>
          <epc>urn:epc:id:sgtin:0081005.159312.1229</epc>
        </epcList>
        <action>ADD</action>
        <bizStep>urn:epcglobal:cbv:bizstep:commissioning</bizStep>
        <disposition>urn:epcglobal:cbv:disp:active</disposition>
        <readPoint>
          <id>urn:epc:id:sgln:0028028.00000.0</id>
        </readPoint>
        <bizLocation>
          <id>urn:epc:id:sgln:0028028.00000.0</id>
        </bizLocation>
        <extension>
          <quantityList>
            <quantityElement>
              <epcClass>urn:epc:class:lgtn:0081005.159312.9514</epcClass>
              <quantity>2</quantity>
              <uom>CS</uom>
            </quantityElement>
          </quantityList>
          <ilmd>
            <cbvmda:lotNumber>9514</cbvmda:lotNumber>
            <cbvmda:bestBeforeDate>2021-06-29</cbvmda:bestBeforeDate>
          </ilmd>
        </extension>
      </ObjectEvent>
    </EventList>
  </EPCISBody>
</epcis:EPCISDocument>
```

# Deleting Data within Commission Only

Use caution when deleting a pallet or production run of cases. You can delete a pallet or production run of cases before **or** after printing labels; however, the data is not deleted. The status changes to decommissioned.

Once labels are printed, the EPC event data is posted.



If that data is later decommissioned, the EPC data does not change (the original data remains posted and unchanged).

1. In the Production run/pallet section, click **Delete**.

Production run, batch/lot, or pallet	Insert	Cancel	Pack Id	SSCC	URI	Run Date	Case Count	Status	
				Click for next Run Id (SSCC)				Open	
	Close	Delete	9161	00308100555500000310	urn:epc:id:sscc:0810055.3550000031	6/30/2021 11:10 AM	5	Open	Print

2. The status changes to Decommissioned. Click **Close** to continue.

Production run, batch/lot, or pallet	Insert	Cancel	Pack Id	SSCC	URI	Run Date	Case Count	Status	
				Click for next Run Id (SSCC)				Open	
	Close	Delete	9162	00308100555500000334	urn:epc:id:sscc:0810055.3550000033	6/30/2021 11:18 AM	5	Decommissioned	Print
	Select		9161	00308100555500000310	urn:epc:id:sscc:0810055.3550000031	6/30/2021 11:10 AM	5	Decommissioned	

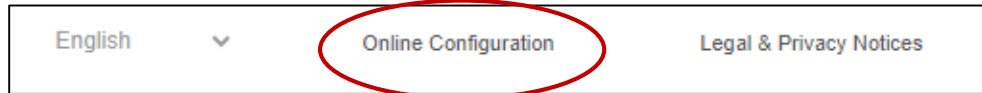




# Configuring the ADTP2 Printer

You may need to send an MPCLII configuration packet to the ADTP2 printer. Refer to the printer's *Packet Reference Manual* for more information.

Select **Online Configuration** from the Freshmarx Connect bottom menu.



Enter an MPCLII string into the box provided, then click **Send to printer**.



# Glossary

Freshmarx Connect uses the following abbreviations.

Aggregation	<p>The process of combining objects to make a new object. Examples include</p> <ul style="list-style-type: none"><li>◆ when items are packed into a case</li><li>◆ when cases are packed onto a pallet</li><li>◆ when cabbage from multiple suppliers is added to a shredder to make coleslaw.</li></ul>
Commission	<p>The process of capturing an event each time a new identifier is created. A GTIN must be commissioned <b>before</b> it can be used within EPCIS.</p>
Dispatch	<p>The final step in the Freshmarx Connect process. Once a shipment has been dispatched, it is locked/finalized and the permanent digital identity is sent to the specified transparency provider. The shipment's information is viewable online (via your transparency provider).</p>
EPC	<p>The Electronic Product Code™ is a numbering standard for items, similar to the UPC code for bar coding. For more information, refer to the <i>GS1 EPC Tag Data Standard Specification</i>.</p>
EPCIS	<p>The Electronic Product Code Information Services (GS1 standard) is a unique string of data (automatically generated by Freshmarx Connect) that is sent to third party software (transparency providers) to create the digital identity/record of each shipment. Searching the EPCIS allows the shared view of events (transparency) for this record. It can prove your items are not part of a recall. The EPCIS is one component of the URI (Uniform Resource Identifier).</p>
GINC	<p>The Global Identification Number for Consignment is automatically generated by Freshmarx Connect. It includes your GS1 Company prefix and a serialized number (from the freight carrier). This unique number identifies a logical group of goods for transportation.</p>
GLN	<p>The Global Location Numbers are <b>your customer's</b> shipping address and contact information.</p> <p>These numbers are set up in Freshmarx Connect's GLN section and not covered in this document.</p>
GS1	<p>The Global Standards One group is an international organization of members from many different sectors: food, retail, distribution, etc. GS1 develops and sets information standards for supply chain logistics, ecommerce, etc.</p>

GS1 Company Prefix	<p>The company prefix is your company's unique identification number, which is included in all global trade item numbers (GTIN) that you create for your products.</p> <p>Setting up a GS1 Company prefix is not covered in this document.</p>
GTIN	<p>The Global Trade Item Numbers are unique numbers that you create for your products. For example, an individual head of cabbage would have a GTIN number.</p> <p>These numbers are set up in Freshmarx Connect's GTIN section.</p>
LG TIN	<p>The Lot GTIN includes the GTIN plus the batch or lot number (which is useful in product recalls).</p>
PTI	<p>The Produce Traceability Initiative was developed to provide case-level traceability (transparency) through the produce supply chain. Walmart mandates their suppliers comply with this initiative. For more information, refer to the web site: <a href="https://www.producetraceability.org/">https://www.producetraceability.org/</a></p>
Traded GTIN	<p>The Traded GTIN is the product you ship to customers that includes the number of cartons per layer and/or layers per pallet. The traded GTIN allows you to setup different units of the same product. For example, cases of cabbage and/or pallets of lettuce.</p> <p>These numbers are set up in Freshmarx Connect's GTIN section.</p>
SGTIN	<p>The Serialized Global Trade Item Number includes the GTIN plus a serialized number. This number is automatically generated by Freshmarx Connect. The SGTIN shows the different units of the same product. Currently, the SGTIN is 96-bits of EPC data.</p>
SSCC	<p>The Serial Shipping Container Code is automatically generated by Freshmarx Connect. It contains the GS1 company prefix and a serialized number which identifies objects within a shipping container. Currently, the SSCC is 96-bits of EPC data.</p>
URI	<p>The Uniform Resource Identifier is a unique string of data (automatically generated by Freshmarx Connect) for use in information systems. It contains the EPC and SSCC data. Searching the URI allows the shared view of events (transparency) for this record. It can prove your items are not part of a recall.</p>





## **AMERICAS**

170 Monarch Lane  
Miamisburg, OH 45342  
937 865 2123 (direct)  
Tel +800 543 6650  
(8:00 a.m. – 6:30 p.m., EDT)  
Fax +937 865 6663

## **ASIA**

No. 7 Chun Ying Street  
Tseung Kwan O Industrial Estate  
New Territories, Hong Kong  
Tel +852 2372 3169  
Fax +852 2995 0014

## **WESTERN EUROPE**

1 Thomas Road  
Wooburn Green  
Bucks HP10 0PE  
Tel +(44) 1628 859500  
Fax +(44) 1628 859567

## **ASIA PACIFIC**

### **NEW SOUTH WALES**

61 Vore Street  
Silverwater NSW 2128  
Tel +(02) 9647 1833  
Fax +(02) 9647 1914  
Toll free (Outside Sydney only)

<https://identificationsolutions.averydennison.com/>