



Packaging and Labeling Automation
with

RAPIDAUTOMATION

for



Quick Reference Guide

Revision: 4.15.2025

Overview

Atom Banana has been packaging and shipping orders for Purple Carrot for several years. The process has always been very manual and required a large amount of manpower to pack the shipments in a timely manner. As the number of meal options continued to grow and the possible products increased, automation was desired.

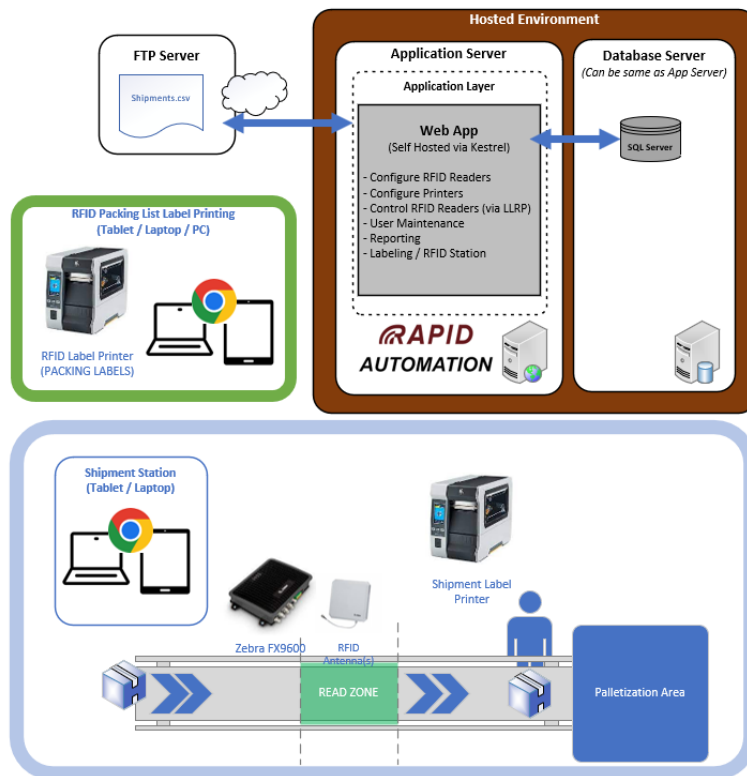
Vertical Systems, Inc. (VSI) and Imprint Enterprise partnered to deliver a **Packaging and Labeling Automation** solution to help automate processes for the Purple Carrot packaging and shipment process.

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Solution Architecture Diagram



TBD – Consider adding a graphic for Admin / Reporting Users

Process Summary

1. Receive and Process Weekly Shipments from Purple Carrot
 - a. Import full list of orders with SKUs, shipping providers, box sizes, and product types (including drop lines).

- b. Import all Shipping Labels (ZPL Files)
2. Determine Shipment Sessions

Currently based on Shipment Method, Box Size, and Products/Lines required. Import Process could generate the default Shipment Sessions, but they can be further manipulated by Line Leads for Daily/Shift-specific Session breakdowns.
3. Order Fulfillment
 - a. Packing Run
 - b. Packing List Print
 - c. Shipping Label Print Station
 - d. Track Completed Items and Display Progress within Reporting Dashboard

Visualization of Objects



Weekly Process

Importing the Shipments

The shipment import can be found on the Task setup page. As long as the Purple Carrot SFTP contains the expected files in the expected format, running this task will automatically bring the week's shipments into the system and separate them into the appropriate Order Sessions. The import task can be run manually, but it is recommended to set it up to run automatically at a given time each week.

Task Name	Task Description	Task Type	Task Type Description	Run Times	Last Run	Last Run Success
shipment import task (sftp)	shipment import task (sftp)	Import Shipment (SFTP)	Import Shipment (SFTP)	Never	12-20-2024 12:00 PM	Yes
shipment import task (local)	shipment import task (local)	Import Shipment (Local CSV)	Import Shipment (Local CSV)	Never	N/A	No

Showing 1 to 2 of 2

Set Filters for Shipment Scheduling

Before scheduling shipments for packing, the filters used for scheduling must be set up. On the Filter Configuration page, you can create a new set of filters or select which of the existing configurations should be active.

Atom Banana Orders Filter Configuration

Welcome VSI Admin Logout

Set Active Filter Configuration

Name	Description	Active Configuration?
Configuration 2	NA	No
Configuration 3	NA	No
Configuration 4	NA	No
Default Filter Configuration	Default Filter Configuration	Yes

Show 25 entries

Showing 1 to 4 of 4 matching records. There are 9 total records. 1 row selected

First Previous 1 Next Last

If you move to the Order Session Filter Sequence page, you can set and reorder the criteria for each configuration.

Atom Banana Orders Order Session Filter Sequence

Welcome VSI Admin Logout

The following order types are not handled:

Shipper: [fedex_ground_sunday], Box Size: [small], Pack Station: [Prepared]
 Shipper: [fedex_ground_sunday], Box Size: [small], Pack Station: [MealKit]
 Shipper: [fedex_ground_sunday], Box Size: [small], Pack Station: [Grocery]
 Shipper: [fedex_ground_sunday], Box Size: [small], Pack Station: [Drop]
 Shipper: [fedex_ground_sunday], Box Size: [large], Pack Station: [Prepared]
 Shipper: [fedex_ground_sunday], Box Size: [large], Pack Station: [MealKit]
 Shipper: [fedex_ground_sunday], Box Size: [large], Pack Station: [Grocery]
 Shipper: [fedex_ground_sunday], Box Size: [large], Pack Station: [Drop]

Filter Configuration: "Default Filter Configuration"

Create Duplicate Filter Criteria

Filter Index	Session Name	Box	Shippers	Pack Stations	Excluded Pack Stations	Must Include Pack Stations	Recommended Day To Pack	Brunch
1	NA	small	better_trucks_friday	Prepared,Grocery,Drop	MealKit		Thursday	All
2	NA	small	lasership	Prepared,Grocery,Drop	MealKit		Thursday	All
3	NA	large	better_trucks_friday	Prepared,Grocery,Meal Kit,Drop			Friday	All
4	NA	large	lasership	Prepared,Grocery,Meal Kit,Drop			Friday	All
5	NA	small	better_trucks_friday	Prepared,Grocery,Meal Kit,Drop		Meal Kit	Friday	All
6	NA	small	lasership	Prepared,Grocery,Meal Kit,Drop		Meal Kit	Friday	All
7	NA	large	better_trucks_monday	Prepared,Grocery,Meal Kit,Drop			Monday	All
8	NA	large	fedex_air,fedex_ground	Prepared,Grocery,Meal Kit,Drop			Monday	All
9	NA	small	better_trucks_monday	Prepared,Grocery,Meal Kit,Drop			Monday	All
10	NA	small	fedex_air,fedex_ground	Prepared,Grocery,Meal Kit,Drop			Monday	All

Columns used for filtering:

- Box – what box size to pack.
- Shipper – what shipper to pack for.
- Pack Stations – which pack stations to include.
- Must Include Pack Stations – which pack stations, if any, *must* be part of an order for it to be included.
- Brunch – whether to include only orders with brunch items, no orders with brunch items, or all orders irrespective of brunch items.

Optimizing Shipments

After importing shipments and setting filters, one Order Batch is created for that week. On the Order Batch page, you can select a batch and click “Reschedule” to optimize the order in which shipments will be processed.

Order Batch

Welcome VSI Admin [Logout](#)

Order Batches

[Reschedule](#)

Search All Columns [Advanced Search](#)

Import Date/Time	Batch Status	Import File Name	Order Count	Order Session Count	Item Count
04-24-2025 5:08 PM	received	shipments_2025-04-17T0834_Ssskgz.csv	7,962	16	32,477

Show 25 entries

Showing 1 to 1 of 1 row selected

First Previous 1 Next Last

Printing Shipping Labels

There are a few options for printing shipping labels. To print shipping labels for a session in bulk, select a session on the Order Session page and click “Print Next Shipping Labels.” You will be prompted for a number of labels to print, and that number of labels will be printed from those which haven’t previously been printed.

Order Session

Welcome VSI Admin [Logout](#)

Order Sessions

[Print Next Shipping Labels](#) [Restart Shipping Label Print](#) [Remove Selected Order Sessions](#)

Search All Columns [Advanced Search](#)

Order Batch Ship Week	Session Name	Recommended Day To Pack	Printed Orders	Order Count	Number Of Printed Shipping Labels	Number Of Completed Orders	Import Date/Time	Box	Shippers
04/21/2025	better_trucks_friday - No MealKit - small	Thursday	0	157	0	12	04-24-2025 5:08 PM	small	better_trucks_fri
04/21/2025	lasership - No MealKit - small	Thursday	0	614	0	0	04-24-2025 5:08 PM	small	lasership
04/21/2025	better_trucks_friday - All Pack Stations - large	Friday	0	83	0	0	04-24-2025 5:08 PM	large	better_trucks_fri
04/21/2025	lasership - All Pack Stations - large	Friday	0	302	0	0	04-24-2025 5:08 PM	large	lasership
04/21/2025	better_trucks_friday - All Pack Stations - small	Friday	0	825	0	0	04-24-2025 5:08 PM	small	better_trucks_fri
04/21/2025	lasership - All Pack Stations - small	Friday	0	3,322	0	0	04-24-2025 5:08 PM	small	lasership
04/21/2025	better_trucks_monday - All Pack Stations - large	Monday	0	32	0	0	04-24-2025 5:08 PM	large	better_trucks_m
04/21/2025	fedex_air_fedex_ground - All Pack Stations - large	Monday	0	111	0	0	04-24-2025 5:08 PM	large	fedex_air_fedex
04/21/2025	better_trucks_monday - All Pack Stations - small	Monday	0	341	0	0	04-24-2025 5:08 PM	small	better_trucks_m
04/21/2025	fedex_air_fedex_ground - All Pack Stations - small	Monday	0	1,275	0	0	04-24-2025 5:08 PM	small	fedex_air_fedex

Show 25 entries

Showing 1 to 10 of 10 row selected

First Previous 1 Next Last

You can expand a sub-table showing the orders for a session by clicking the arrow at the left of the row. In this sub-table you can select an order and click “Print Shipping Label and Advance” to print that order’s shipping label and automatically select the next order.

Order Session

Welcome VSI Admin [Logout](#)

Order Sessions

[Print Next Shipping Labels](#) [Restart Shipping Label Print](#) [Remove Selected Order Sessions](#)

Search All Columns [Advanced Search](#)

Order Batch Ship Week	Session Name	Recommended Day To Pack	Printed Orders	Order Count	Number Of Printed Shipping Labels	Number Of Completed Orders	Import Date/Time	Box	Shippers
04/21/2025	better_trucks_friday - No MealKit - small	Thursday	0	157	0	12	04-24-2025 5:08 PM	small	better_trucks_fri
04/21/2025	lasership - No MealKit - small	Thursday	0	614	0	0	04-24-2025 5:08 PM	small	lasership

Order Session Orders

[Print Shipping Label and Advance](#)

Order Number	Tracking Number	Order Date	Order Status	ZPL Last Printed	Short Codes
11901020	1LSCKZH004KCP08	04-21-2025	Received	N/A	VM,TS,SZ,P8,PS
11901150_1	1LSCKZH004KCK0AL	04-21-2025	Received	N/A	QR,UU,VL,SV,UG,PM,PI,TC
11907114	1LSCKZH004KCKA1	04-21-2025	Received	N/A	PQ,PP,UU,UV,PF,PD,SN
11907578_2	1LSCKZH004KCKOTS	04-21-2025	Received	N/A	UL,TP,PP,QR,QY,PA,VA
11900113	1LSCKZH004KCKOWQ	04-21-2025	Received	N/A	VB,VO,UL,VN,UK,VQ,PI,UA
11905516	1LSCKZH004KCKNTN	04-21-2025	Received	N/A	UL,UM,TP,TQ,QK,QM,QW
11910151	1LSCKZH004KCKPOQ	04-21-2025	Received	N/A	VM,SQ,VO,VC,UN,SI,TF,VE,SP,TK,UV,UU,UM
11901233	1LSCKZH004KCKJXX	04-21-2025	Received	N/A	QT,VM,SP,PC,PD,PA,UE,QW
11904760	1LSCKZH004KCKKXK	04-21-2025	Received	N/A	TK,VR,IR,TE,TH,VG

Alternatively, if you must print the shipping label for a specific order, go to the Order page, select the order to print, and click "Print Shipping Label."

Atom Banana Orders Order

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Orders

Print Packing List Print Shipping Label

Search All Columns Advanced Search

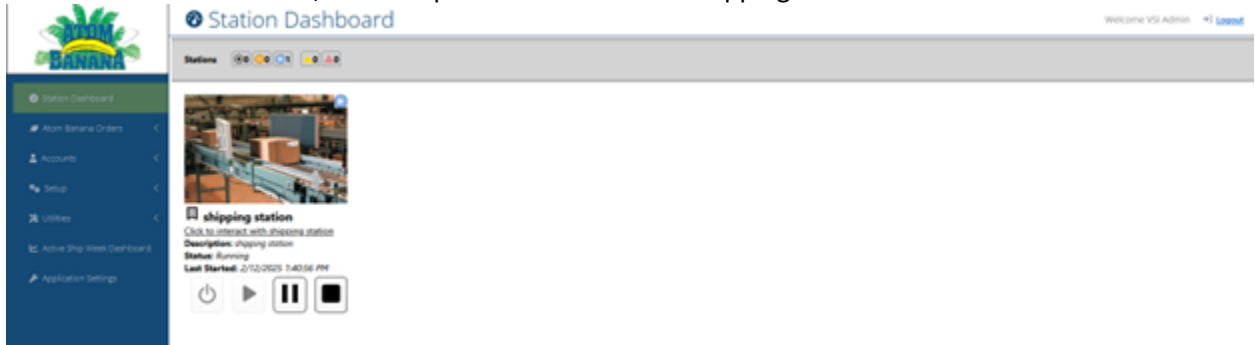
Order Batch Ship Week	Order Number	Tracking Number	Order Date	Order Status	Box	Shipper	Pack Stations	Excluded Pack Stations	Order Session	ZPL Last Printed	Short Codes
04/21/2025	11901714_2	BTS_0225JIT1CTM	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	SK,PP,QE,PB,QO,SC
04/21/2025	11907754	BTS_0225K3B9XK	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	PQ,PC,PD,TV,PB
04/21/2025	11901175	BTS_0225FUSNMD	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	TT,TU,TS,PS,PC,PD,PA,PB
04/21/2025	11908918	BTS_0225QIT9IYE	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	QH,QP,QY,SP,QE,TF,QO,PM,QN,PI
04/21/2025	11901698	BTS_0225VDTVY98	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	PP,TT,TU,FF,PC,PD,PA,PB,PM,PS
04/21/2025	11901714_1	BTS_02259AFCGDH	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	QT,PP,QY,QZ,PC,QX,QN,UE,QV
04/21/2025	11905015	BTS_0225ZG3D9J0	04-21-2025	Completed	small	better_trucks_friday	Grocery/Prepared MealKit/Drop	better_trucks_friday - No MealKit - small	NA	NA	TK,PQ,LU,UM,SV,PE,PC,PB,PI,VG

Running the Atom Banana Shipping Station

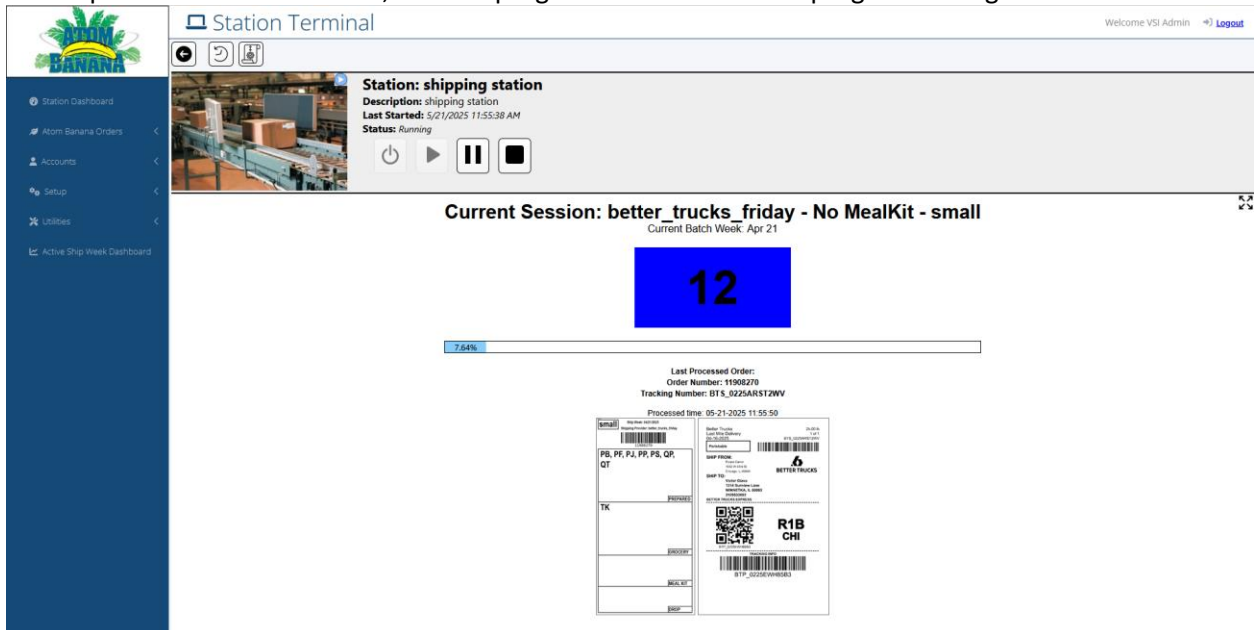
NOTE: It is recommended that the Station View be bookmarked within the web browser of the primary interface nearest the Conveyor.

Running the Shipping Label Print Station

1. On the Station Dashboard, click the power button on the Shipping Station.



2. The Station will register each order as processed as its box reaches the station. A preview of the packing list and shipping label will be shown on the screen. The large box shows the number of orders processed in this session, and the progress bar indicates the progress through the session.



Web Application – Configuration and Reporting

Accounts

Users

Users are people who can log into the website.

They can only be added, edited, or removed by Admins. Refer to [User Management](#) for specific processes.



User Name	Display Name	Email	Roles
AtomBanana	Atom Banana	NA	Atom Banana Admin
atombananadadmin	Atom Banana Admin	NA	Atom Banana Admin
vsiadmin	VSI Admin	NA	NA

Reset Password

Allows users to change their own password.

Available to all users.



Application Settings

Allows configuration of application-wide settings:

- The address, username, and password for the SFTP the weekly shipments batch is pulled from
- The list of email addresses to receive notification after shipment import
- The credentials for the SMTP server to send shipment notification emails
- The template label ZPL
- The number of seconds between refreshes on the Active Ship Week Dashboard
- Choose whether specific print methods are enabled
- Choose whether scanning one order in the shipping station will also mark any unscanned orders that come earlier in the scanned order's session as completed.

The screenshot shows the 'Edit Setting' dialog box for 'Application Settings'. The background shows the main application interface with a sidebar menu and a table of settings. The dialog box is a modal window with the following fields:

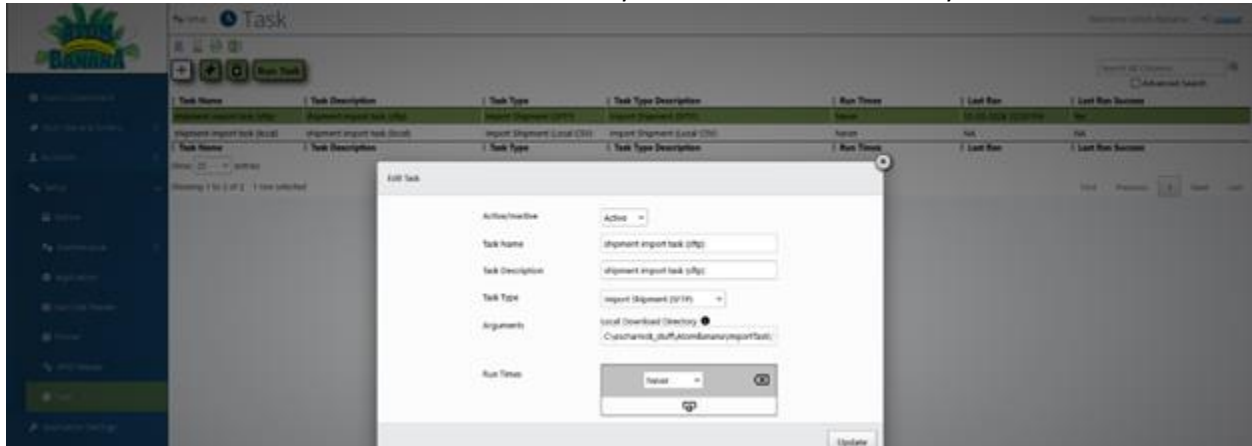
- Active/Inactive:** A dropdown menu set to 'Active'.
- FTP Site:** A text input field containing '50.171.140.20'.
- FTP Username:** A text input field containing 'ftpuser9'.
- FTP Password:** A text input field containing '*****'.
- FTP ZPL Directory:** A text input field containing '/ZPL-Files/Weekly Atom Banana Files/'.
- FTP CSV Directory:** A text input field containing '/CustomerOrders/'.
- Import Notification Email List:** A text input field containing 'eschamick@vertsys.com'.
- SMTP Email Address:** A text input field containing 'AtomBanana.Scanner@GMail.com'.
- SMTP Host:** A text input field containing 'smtp.gmail.com'.
- SMTP Port:** A text input field containing '587'.
- SMTP User Name:** A text input field containing 'AtomBanana.Scanner@GMail.com'.
- SMTP Display Name:** A text input field containing 'Atom Banana'.
- SMTP Password:** A text input field containing '*****'.
- Label Template:** A dropdown menu set to 'Default Shipper Label'.
- Dashboard Refresh Time:** A text input field containing '10'.
- Enable Packing List Bulk Print?:** A dropdown menu set to 'No'.
- Enable Shipping Label Bulk Print?:** A dropdown menu set to 'No'.
- Enable Shipping Label Partial Print?:** A dropdown menu set to 'Yes'.
- Should Barcode Scan Process All Orders Since Previous Scan?:** A dropdown menu set to 'No'.

An 'Update' button is located at the bottom right of the dialog box.

Setup

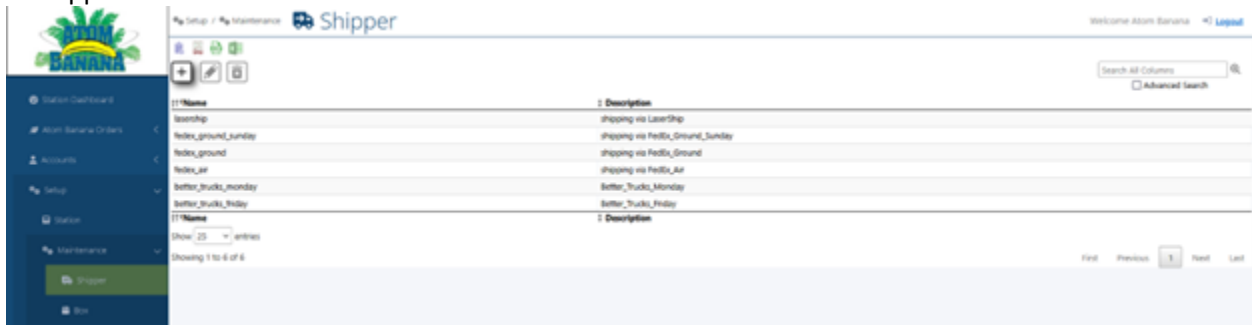
Task

The Task page contains the import task which brings the shipments from Purple Carrot's SFTP into the web application. It includes an argument to specify the file location where the imported files should be stored. This can be set to run at the same time every week or initiated manually.



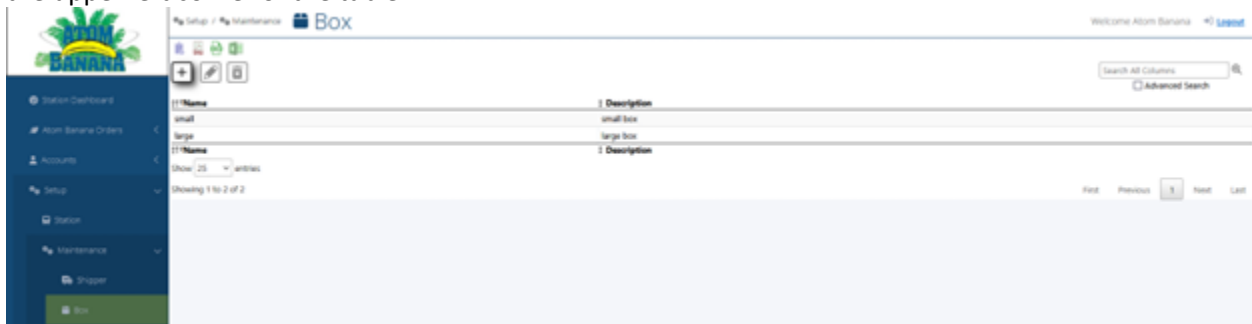
Shipper Maintenance

Shippers can only be added, edited, or removed by Admins. To add a new shipper, click the plus icon in the upper left corner of the table.



Box Maintenance

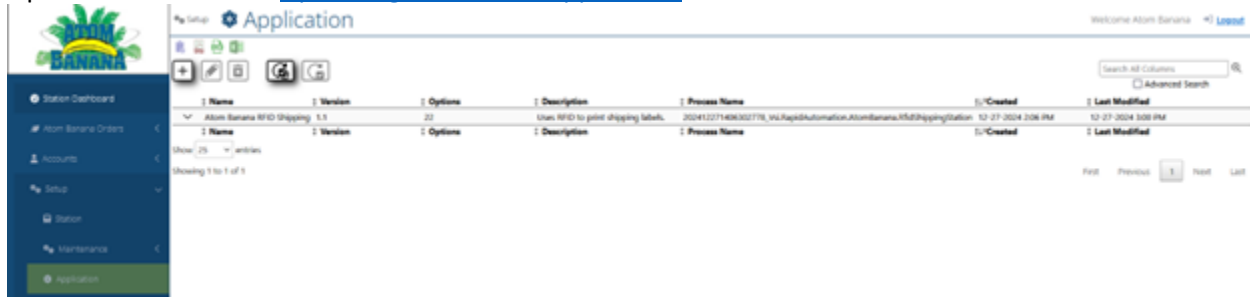
Box sizes can only be added, edited, or removed by Admins. To add a new box size, click the plus icon in the upper left corner of the table.



Application

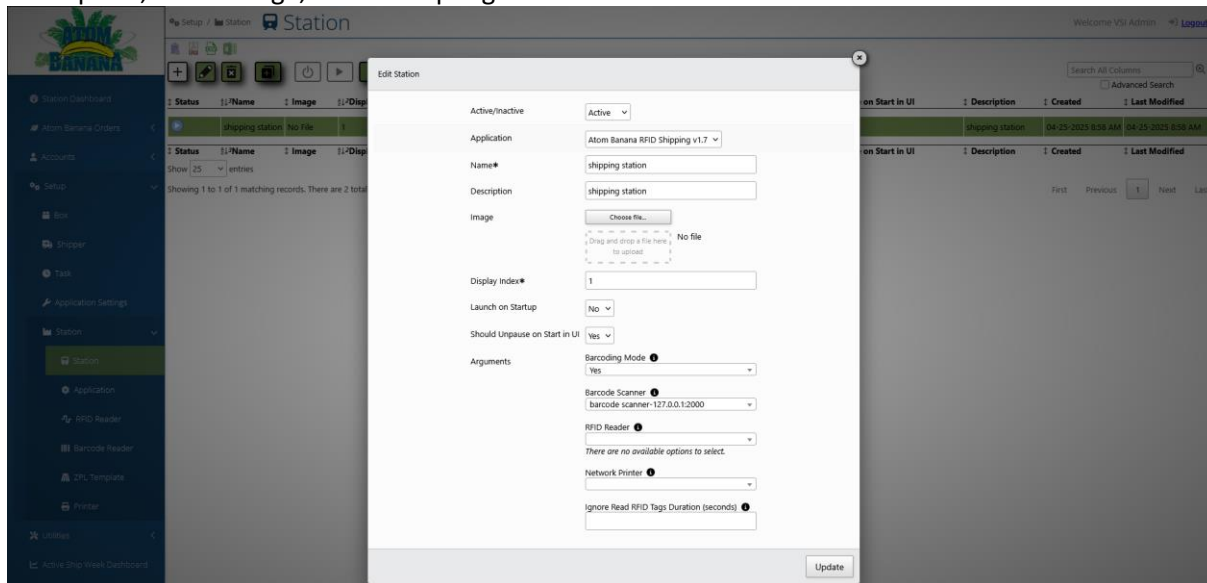
RAPID Automation leverages "Applications" for customer-specific implementations. A single Application was built for Atom Banana. There should be no need for Atom Banana to update the Application unless

instructed by Vertical Systems' team members. If instructed, follow the instructions found within the Operations section for [Uploading the Station Application](#).



Station

Stations are line-specific implementations of the Applications. Stations can be added, edited, or removed by Admins. This is where the station options can be configured such as the station name, description, cover image, and startup arguments.



SETTING NAME	DESCRIPTION
Barcoding Mode	Set whether to use a barcode scanner for the station, rather than an RFID reader
Barcode Scanner	Barcode scanner to use if using Barcoding Mode
RFID Reader	RFID Reader object for shipping station
Network Printer	Label printer for shipping labels
Ignore Read RFID Tags Duration (seconds)	# of seconds to store previous RFID reads (to prevent double-reads)

Note: To open the edit menu seen above, click on the desired station in the list and then click the pencil icon in the upper left.

Printer

Printers can only be added, edited, or removed by Admins. These represent network label printers (ZPL) to be used by the station. To add a new printer, click the plus icon in the upper left corner of the table. You will need the IP address and Port numbers to hook up to the printers through the software.

The screenshot shows the 'Printer' management page in the RAPID AUTOMATION software. The left sidebar contains navigation links: Station Dashboard, Atom Banana Orders, Accounts, Setup, Box, Shipper, Task, Application Settings, Station, Station, Application, RFID Reader, Barcode Reader, ZPL Template, and Printer. The main content area displays a table with columns: Name, Description, URL, IP, Port, and Tags. A single printer entry is listed with Name 'printer', Description 'printer', URL 'NA', IP '127.0.0.1', Port '1234', and Tags '0'. Above the table are icons for adding, editing, and deleting printers, and a search bar. Below the table are pagination controls showing 'Showing 1 to 1 of 1' entries.

Name	Description	URL	IP	Port	Tags
printer	printer	NA	127.0.0.1	1234	0

RFID Readers

RFID Readers can be created, edited, or removed by Admins. You will need the IP address and TCP port for the reader to add them.

The screenshot shows the 'RFID Reader' management page in the RAPID AUTOMATION software. The left sidebar is identical to the Printer page. The main content area displays a table with columns: IP Address, TCP Port, Description, Model, HostName, Antennas, GPis, GPOs, and Receive Sensitivity. A single RFID reader entry is listed with IP Address '127.0.0.1', TCP Port '3000', Description 'NA', Model 'NA', HostName 'NA', Antennas '0', GPis '4', GPOs '4', and Receive Sensitivity '0 dB'. Above the table are icons for adding, editing, deleting, and testing the reader, along with buttons for Ping, Read, Write, GPOs, GPis, and Restart. Below the table are pagination controls showing 'Showing 1 to 1 of 1' entries and '1 row selected'.

IP Address	TCP Port	Description	Model	HostName	Antennas	GPis	GPOs	Receive Sensitivity
127.0.0.1	3000	NA	NA	NA	0	4	4	0 dB

Barcode Readers

Barcode Readers can be created, edited, or removed by Admins. You will need the IP address and TCP port for the reader to add them.

Setup / Station Barcode Reader

Welcome VSI Admin Logout

Search All Columns Advanced Search

Name	Description	IP Address	Port	Barcode Reader Type
barcode scanner	barcode scanner	127.0.0.1	2000	Cognex

Show 25 entries

Showing 1 to 1 of 1

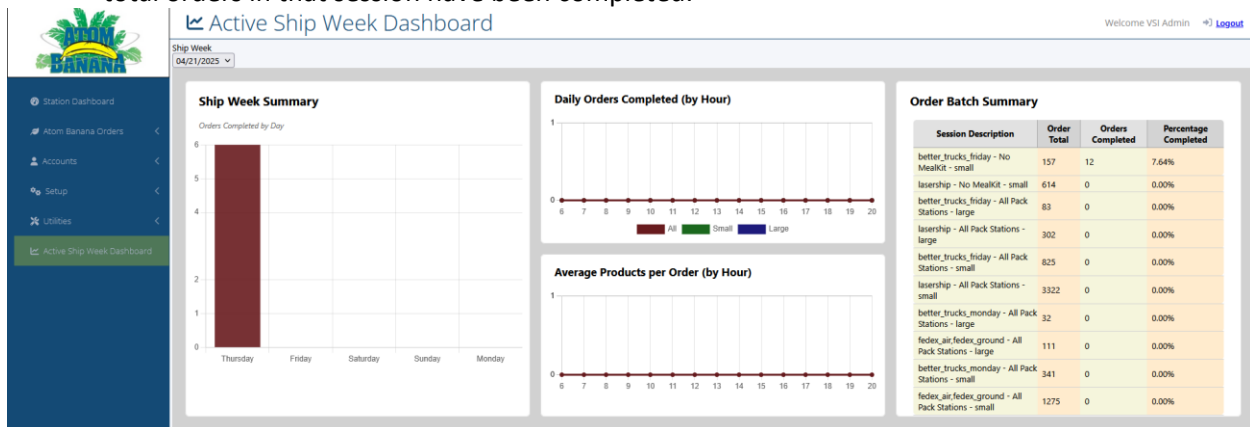
First Previous 1 Next Last

Reports

Active Ship Week Dashboard

The Active Ship Week Dashboard presents an at-a-glance overview of the current progress through the week's shipments. It includes four graphs.

1. **Ship Week Summary:** Shows how many orders have been completed each day this week.
2. **Daily Orders Completed (by Hour):** Track productivity throughout the current day. It includes one line for small box orders, one line for large box orders, and one line for all orders together.
3. **Average Products per Order (by Hour):** Can be used as a rough indicator of the average complexity of orders over the course of the day. This information can supplement the Orders Completed graph for a more complete view of productivity. A smaller number of orders completed may not be an issue if many large orders were packed during that time.
4. **The Order Batch Summary:** More detailed information about the present order batch, broken down by order session. Each line includes the description of that session, the total number of orders it contains, how many of those orders have been completed, and what percentage of the total orders in that session have been completed.



Operations

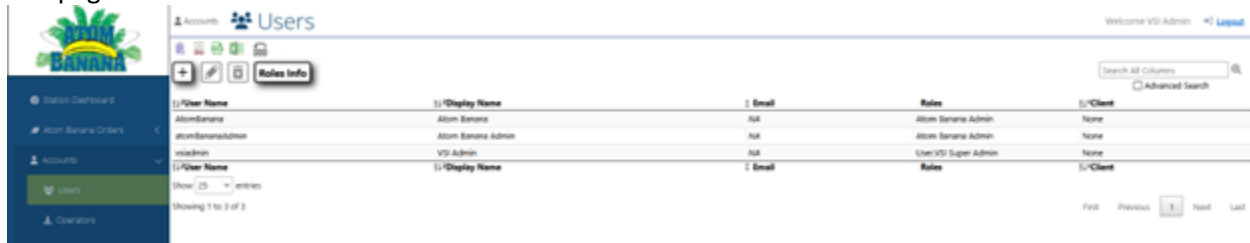
User Management

Create a New User

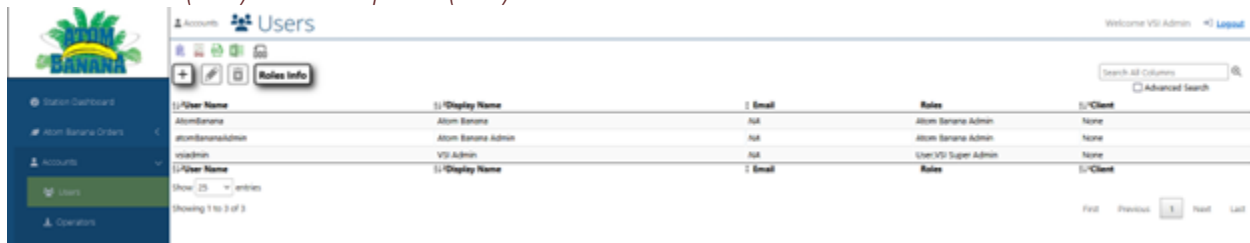
1. Go to the Users tab

This page is only visible to Admins.

The page will look like this

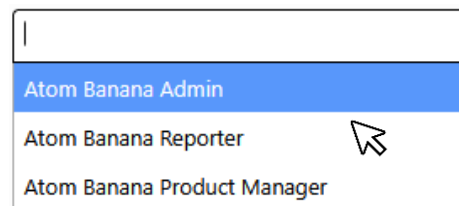


2. Click the “+” (Add) button or pencil (Edit) button to Edit selected User



3. Fill in the user's information

A user can have zero or more roles.

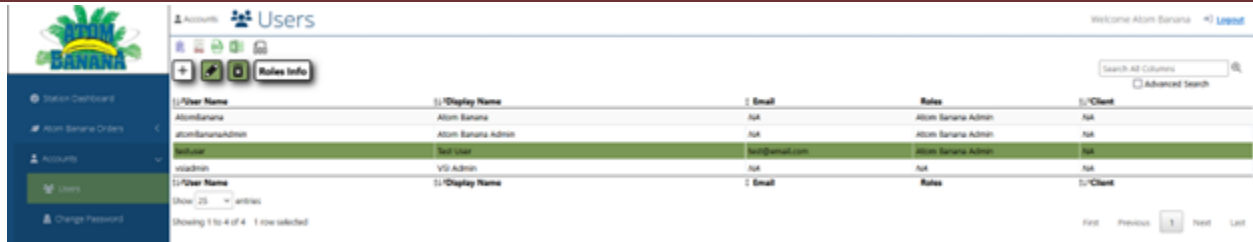


Roles:

- **Atom Banana Admin** – Users with this role have access to app settings, all maintenance pages, and the ability to create/modify users.
- Atom Banana Reporting – Users with this role can view pages under the “Reports” tab.

4. Click the Create or Save button

The new user will appear in the list.



Accounts **Users** Welcome Atom Banana [Logout](#)

[Rules Info](#) [Advanced Search](#)

User Name	Display Name	Email	Roles	Client
AtomBanana	Atom Banana	NA	Atom Banana Admin	NA
atomBananaAdmin	Atom Banana Admin	NA	Atom Banana Admin	NA
testuser	Test User	test@email.com	Atom Banana Admin	NA
vsiadmin	VSI Admin	NA	NA	NA

Showing 1 to 4 of 4 1 row selected

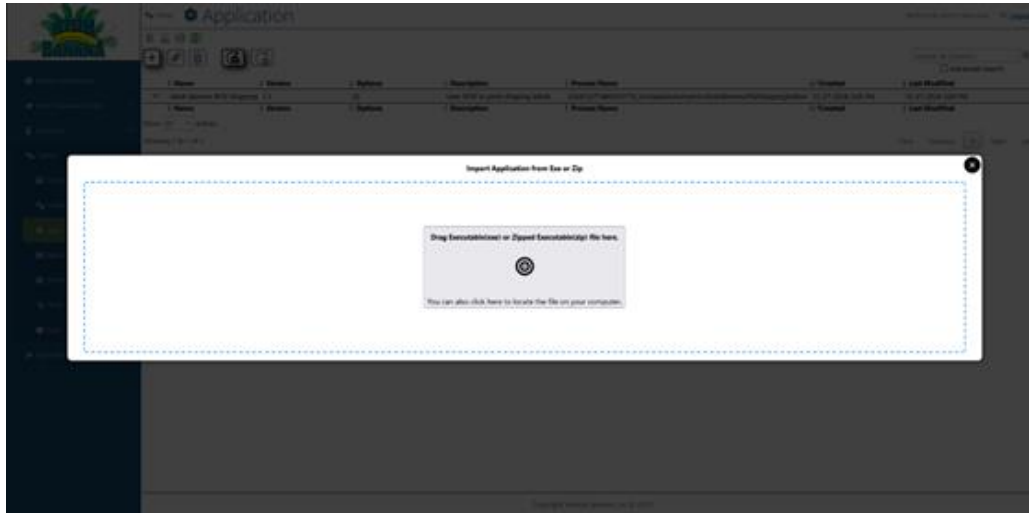
First Previous **1** Next Last

Uploading the Station Application

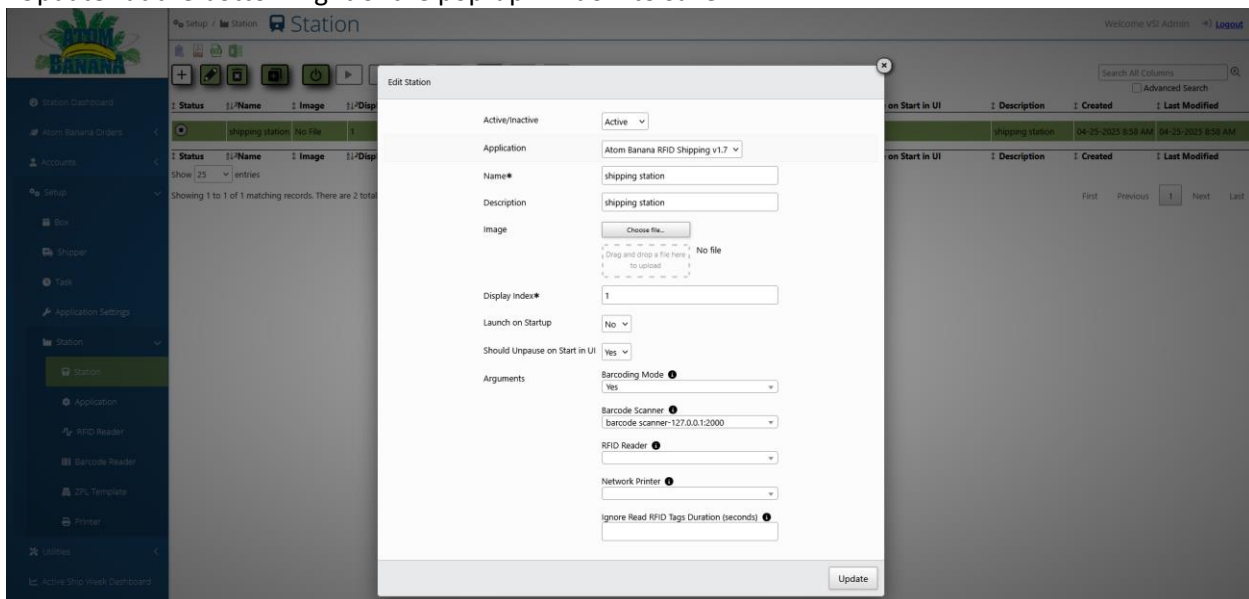
Find application .EXE file using File Explorer.

Go to the Maintenance dropdown and select “Application”. Click the plus sign icon in the upper left corner to open the Import Application Dropzone. Drag and drop the Application .EXE file into the drop zone and wait for the upload to complete.

NOTE: If preferred, you can click within the Drop Zone to navigate to the executable within a file explorer.



2. Once the upload is complete, navigate to the “Station” maintenance page. Create or edit a Station Instance by clicking the pencil icon or the plus icon in the upper left corner. Select the name of the Application you uploaded from the application drop down. Populate all the station options and click “Update” at the bottom right of the pop-up window to save.



Appendix A: Label Design

Packing List Label

small	Ship Week: MMdd/yyyy Shipping Provider: provider
 1234	
NONE	
PREPARED	
NONE	
GROCERY	
NONE	
MEAL KIT	
NONE	
DROP	

Shipping Label

Shipping label design varies greatly from shipper to shipper.

Appendix B: Troubleshooting

Restart The Station

If the station is in an unexpected state, it is recommended that the user restart the station. If errors persist, it may be necessary to restart the Windows Service.

Restart The Windows Service

As a last resort, IT Support can restart the Windows Service (Atom Banana RAPID Automation and Labeling). If preferred, the hosting application server (WEB01) can be restarted.

Appendix C: Installation Overview

Provided Install Files

VSI will provide a zip file for installation. The contents of the zip file are shown below:

Name	Status	Date modified	Type	Size
 AutoAddApplications		7/24/2024 8:58 AM	File folder	
 InstallService.bat		7/1/2024 9:52 PM	Windows Batch File	1 KB
 setDotNetExeExtractDir.bat		7/1/2024 9:52 PM	Windows Batch File	1 KB
 StartService.bat		7/1/2024 9:52 PM	Windows Batch File	1 KB
 StopService.bat		7/1/2024 9:52 PM	Windows Batch File	1 KB
 UnInstallService.bat		7/1/2024 9:52 PM	Windows Batch File	1 KB
 Vsi.RapidAutomation.FaberCastell.Web.exe		7/24/2024 7:47 AM	Application	345,466 KB
 WER_DontshowUI.reg		7/1/2024 9:52 PM	Registration Entries	1 KB
 WER_DontshowUI_off.reg		7/1/2024 9:52 PM	Registration Entries	1 KB

Download Files and Create Website Directory

To Install RAPID AUTOMATION on a new server, copy the contents for a VSI provided publish directory to the desired PC (build directory). It is recommended that the contents are copied into the C:\Websites\ directory. This will enable VSI to find and support the installation more easily.

After the contents have been copied, open a Command Prompt (DOS) – run as Administrator.

Navigate to the new directory: C:\Websites\AtomBanana_vX_Build

Install Service

Run the InstallService.bat

- This will install the application as a Windows Service

Configuration (args) file

Next, be sure to copy or create a valid configuration file.

- .Vsi.RapidAutomation.AtomBanana.Web.exe.args
- VSI assistance may be required to review connection settings.
- --httpPorts 8080 --defaultConnectionString "CONNECTION STRING INFO"
- Note: The default port 80 may not be available if IIS is installed on the server

- Initial installation was set to port 8080

Run Service

Once successful, run the `StartService.bat`

- This will start the AtomBanana Service (i.e. RAPID AUTOMATION software).
- The first time the service is run, the database will be created with tables and default data.

Appendix D: Hardware IP Addresses

The following IP Addresses were used for the initial installation. All IP Addresses must be static and reserved for consistent hardware connectivity.

Hardware Description	PRODUCTION IP Address
Application Server	10.16.100.66
RFID Reader – Shipping Label	
Zebra Label Printer – Packing List	
Zebra Label Printer – Shipping Label	

Appendix E: Operational Considerations

Placeholder for details on assorted topics...

- Timing of FTP File Drops vs. Imports
 - Drop by Thursday – 1:00 AM
 - Scheduled Import starts at 2:00 AM
- Label Printing Process
 - Prints 50 at a time
 - How to reprint if the last batch (or partial batch) didn't print?
- Failed Import Records
 - Email Summary Sent with Failed Records
 - They must be re-entered manually from the Order Maintenance Page
 - TBD: What Role is necessary?
- Determining when Product (short code) is complete for the session?
 - TBD: Can we also estimate how much time is left for the Inventory Session?
 - i.e. how much time is saved?