

FeneTech, Inc.

FeneVision® Trucking User Manual



FeneVision® Trucking User Manual

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Overview

The FeneVision Trucking application allows users to visually process shipping routes, load trucks, and print shipping paperwork. FeneVision Trucking prevents shipping mistakes by verifying that all items that belong on a truck are loaded, and that the wrong products are not loaded on the truck. Additionally, FeneVision Trucking allows the user to reject items that are damaged, and submit them for reprocessing.

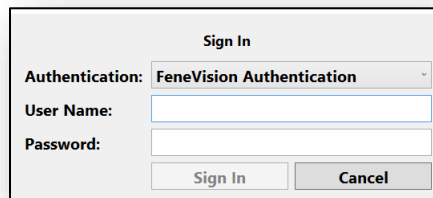
Using Trucking

Starting

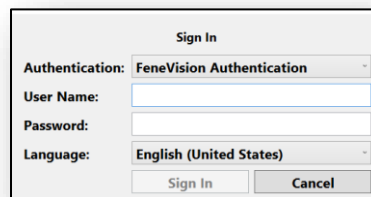
To open the FeneVision Trucking application, double click on the 'FeneVision Trucking' icon.



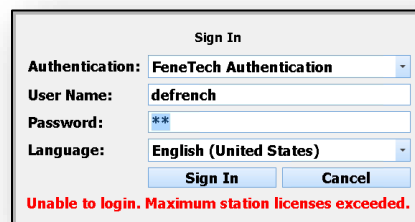
If the station accessed has 'Login Required' enabled, the user will be prompted with a login screen.

A 'Sign In' dialog box with a title bar. It contains a dropdown menu for 'Authentication' set to 'FeneVision Authentication', a text field for 'User Name', a text field for 'Password', and two buttons at the bottom: 'Sign In' and 'Cancel'.

For users who have multiple languages configured for their applications, an additional drop-down will appear on the login screen to allow the user to select their desired language.

A 'Sign In' dialog box similar to the previous one, but with an additional dropdown menu for 'Language' set to 'English (United States)'.

For users that have tracking and trucking stations by license, if the maximum number of licenses has been reached, the user will see the following error message:

A 'Sign In' dialog box with the following fields: 'Authentication' set to 'FeneTech Authentication', 'User Name' set to 'defrench', 'Password' masked with '**', and 'Language' set to 'English (United States)'. At the bottom, there are 'Sign In' and 'Cancel' buttons. Below the buttons, a red error message reads: 'Unable to login. Maximum station licenses exceeded.'

The user will not be able to open Tracking until another Tracking or Trucking station is closed, freeing up a license.

Selecting a Route

Routes can be selected from the drop-down list or searched for in the Route Search menu. The Route Search menu is opened by pressing the F2 key, or the F11 key in Dual-Dock mode.

Route Name	Shipping Route	Target Ship Date	Departure Time	Actual Ship Date
ALEXTES	CITY	6/26/2014		
CITY 03/07/2016	CITY	3/7/2016		
CITY 03/11/2016	CITY	3/11/2016		
CITY 03/16/2016	CITY	3/16/2016		
Training3	CITY			

The Search field can be used to filter the list of routes in Trucking. The Days Back field will filter the list based on the Actual Ship Date. By default, this will be the number specified for the TruckingDaysToDisplayShippedRoutes setup parameter in Core.

Loading a Truck

To load a truck, complete the following:

1. In the main Trucking screen, use the drop-down list at the top of the dock screen to select the route being loaded. To access the route drop-down list again at any time, select 'FIND (F2)' (left dock) or 'FIND (F11)' (right dock).
2. Each order on the route will appear in the top screen section. The orders on the route will be sorted by stop descending, with the last stop on the route listed first.

12/12/2012 – SOUTHEAST ATLANTIC 12/12/2012				
Stop	Customer	Order	PO	Qty
2	Kelly Windows and Entry System...	M-142378	123	31
1	Carolina Glass	M-142433	159	13

Order-Item	Qty	Schedule	Unit	Description
M-142378-1	1	7408	22	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	23	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	24	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	25	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	26	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	27	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	28	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	29	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	30	AI14 - ANNEALED INSULATING 1
M-142378-1	1	7408	31	AI14 - ANNEALED INSULATING 1
M-142378-2	1	7408	32	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	33	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	34	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	35	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	36	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	37	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	38	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	39	AI18 - ANNEALED INSULATING 1
M-142378-2	1	7408	40	AI18 - ANNEALED INSULATING 1

- When an order is selected in the top screen section, all of the line items on the order will appear in the bottom section of the screen.
- Scan individual units from each of the orders onto the truck using a barcode scanner. Manually scan a unit by highlighting a unit on screen and selecting the 'SCAN (Q)' button, or Q key on the keyboard (select 'SCAN (P)' in right-dock mode).

Note: Tones will sound from computer speakers to indicate a successful scan.

- After a unit is scanned onto the truck, the  on the left side of the unit will become a , and the text will turn blue.
- The user can un-scan an item by selecting the item, and manually scanning it. The user can also reject an item by highlighting it, and selecting 'REJECT (R)' or 'R' key on the keyboard.
- To scan an entire order onto the truck, select 'Z' on the user's keyboard. This action will scan an entire order, one order-item at a time.

Note: Selecting 'Z' on the user's keyboard again will un-scan the entire order, one order-item at a time.

Unit Status

The following icons represent a unit's status in the order.

-  – Unit has not been loaded onto the truck.
-  – Unit has been scanned and loaded onto the truck.
-  – Unit has been placed in a container.
-  – Unit has shipped.
-  – Unit has been rejected.
-  – Order is being shipped without these units on board.

-  - Unit has been scanned and staged.

Pre-Assigned Containers

When using pre-assigned containers (automatically generated through 'Work Route' release in FeneVision Core), and when alerts are enabled in Trucking, the following scenarios will occur:

1. If all units are complete.
 - a. The user scans the units at each production station so that they will eventually receive the status of 'Complete'.
 - b. Once the units are complete, they are added to the pre-assigned container.
 - c. The user scans the container onto the truck in Trucking, and no capacity alerts occur since everything on the container is complete.
2. If a unit is not complete.
 - a. The user will attempt to scan the container onto a truck in Trucking. At this point, 'Capacity Alerts' will appear since the units were not completed at the previous work cells.
 - b. Once the user selects 'OK' on the alerts screen, all incomplete units will be marked complete and loaded onto the truck.
 - c. At this point, when the user tries to ship the route, no warnings will appear indicating that any units are not in the container since they have been marked as 'Complete'. This tells Trucking that the units are contained in the pre-assigned container, and that nothing is missing.

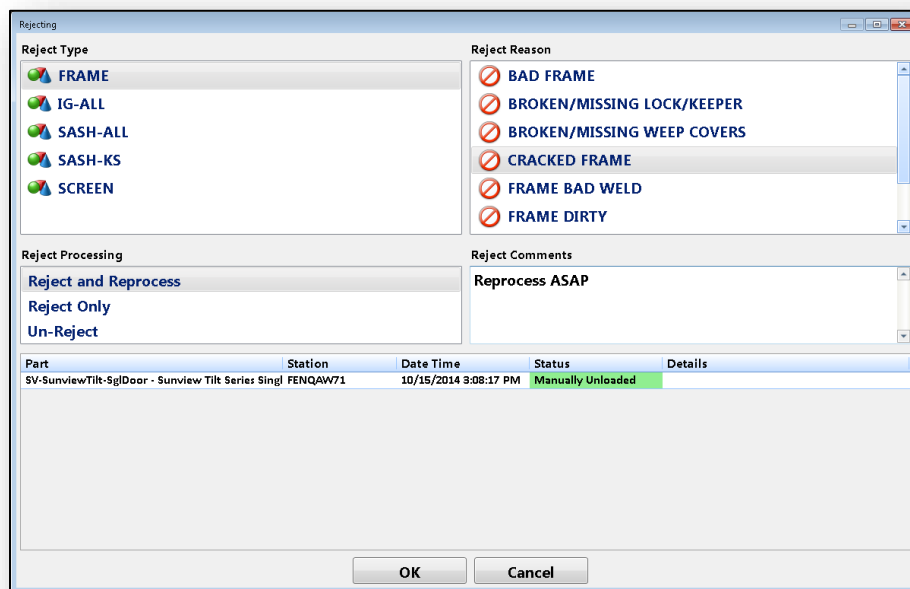
Rejecting Units

Individual units can be rejected while in the process of loading a truck. For example, if units are being loaded and an item is broken, that item can be rejected as long as the following conditions exist:

1. A single unit that has *not been loaded* is selected. This ensures that the ordered part does not load (and thus does not ship). The reject dialog places a reject code on the ordered part, and prevents it from being loaded.
2. Line item / quantity loading for the current item is not active.
3. The truck has not shipped.

To reject a unit from the main Trucking screen:

1. Highlight the unit to be rejected.
2. Reject the unit using the 'REJECT (R)' or the 'R' key on the keyboard.
3. If reject codes have been set up in Core for parts that comprise the unit, the following screen will appear.



Part	Station	Date Time	Status	Details
SV-SunviewTilt-SglDoor - Sunview Tilt Series Singl FENQAW71		10/15/2014 3:08:17 PM	Manually Unloaded	

4. Indicate the 'Reject Type', followed by 'Reject Reason'.

5. Indicate whether to 'Reject and Reprocess', 'Reject Only', or 'Un-reject'.
6. Enter any comments associated with the rejecting.

To reject a unit from the 'Missing Items' screen:

1. Highlight the unit to be rejected.
2. Reject the unit using '(F7) REJECT'.
3. If reject codes have been set up in FeneVision Core for parts that comprise the unit, the rejecting screen will appear.
4. Indicate the 'Reject Type', followed by 'Reject Reason'.
5. Indicate whether to 'Reject and Reprocess', 'Reject Only', or 'Un-reject'.
 - **Reject and Reprocess** – Reject the item, and submit it for reprocessing. The item is returned to Core for reprocessing.
 - **Reject Only** – Reject the item, and remove it from the queue.
 - **Un-Reject** – Removes the 'Rejected' status from the part. User must rescan the unit in 'Reject' mode, and select 'Un-Reject'.
6. Enter any comments associated with the rejecting.

Note: Like Tracking, Trucking supports multi-location rejecting. If a unit was transfer shipped to a secondary location, and then broke while loading for shipment to the end customer, Trucking would need to reject and reprocess the unit to be rescheduled at the manufacturing location.

Rejecting Purchased Items

When units containing purchased items are rejected, the following screen will appear.

Select	Part	Purchased Part	PO Number
☒	GN-S14CL - 1/4 CL SS	Purchased Process	po5222

OK Cancel

Once the user checks the checkbox and selects OK, a new purchasing requirement will be created for the order; unchecking the item indicates that a new purchasing requirement will not be generated for the order. This can only occur if the order does not have a status of 'Closed'.

Entire Line Items

By enabling the 'TruckingLineLoadQty' setup parameter in FeneVision Core, the user can load line items greater than or equal to the value specified in the setup parameter by scanning only *one* unit on the line item. This allows the user the ability to quickly scan large quantities of line items by scanning just a single line item.

For example, if the value is set at 10, and a unit from a line item with a quantity of 30 is scanned, all 30 units will be marked as loaded.

If all units are already loaded and a unit is scanned, all units will be unloaded. To keep individual units from loading, first load the entire line item, then manually unload individual units by selecting them in the list, and then use the keyboard to unload.

Non-Manufactured Items

Non-manufactured parts can be loaded and shipped in a similar manner to manufactured parts. The two differences are in the reporting.

Non-manufactured part barcodes are shown on the 'Pick Ticket' and 'Shipping' reports, which are printed through either Trucking or in Core through 'Route Builder'. These reports are primarily designed to be used by the loader to take it to an inventory storage room to gather the non-manufactured goods for shipment.

Shipped Separately Parts

Setting subparts in the Core BOM (bill of materials) configuration to 'Shipped Separately' gives the ability to load and ship the selected subpart independently of its ordered part. 'Shipped separately' parts can be shipped on different routes than their parent parts. See the FeneVision Core user manual for additional configuration details.

	109387-2	1	TW 3 Lite Slider Replacement
	109387-2	1	3700-3 Lite Slider Prime Left Screen
	109387-2	1	3700-3 Lite Slider Prime Right Screen

The screenshot above shows an ordered item (shown with the yellow box to the left) with two 'shipped separately' parts beneath it.

Note: The 'Shipped Separately' feature is only available on orderable parts that are marked as 'Manufactured'. Non-manufactured parts must be shipped as an entire unit.

Parent / Child Parts

Trucking will show the user that stock sheets are being loaded with cuts. Each cut will define a cut down. The main line item will show the generic part and the ordered quantity (similar to what is shown in 'Order Entry'). Beneath the main line-item, subsequent lines display that appear disabled. These lines represent the 'Cut Downs'. The quantity shown on the cut downs will be the total quantity of the cut down (Ordered quantity of the line item * Quantity specified in the cut down screen). To load the truck, the line item (not the cut downs) must be scanned. Scanning a cut down will result in the 'Stop Sign' icon appearing. When a stock sheet is loaded the quantity of the cut will be automatically updated.

	Order-Item	Qty	Schedule-Unit	Description	Size
	M-311833-1	0/1		SG41 - 4mm Stock Glass	
	M-311833-1	0/2		SG41 - 4mm Stock Glass	1200 W X 500 H
	M-311833-1	0/1		SG41 - 4mm Stock Glass	750 W X 750 H

Serialized Parts

Trucking supports serialized inventory, and displays the assigned serial number suffixed to the part description, as seen below.

	Order-Item	Qty	Description
	1020239-1	0/1	DES-GL-CASE {9}

A serial number must be assigned to the line item through Order Entry. If a serial number is not assigned to the unit, and the unit is loaded, the following message will appear:



The Trucking user can re-assign the serial number to be loaded and shipped. With the serialized unit selected, the user can press the 'S' key to see the screen below. The serial number screen will display all available serial numbers that are associated with the serialized part that have identical issue parts and quantities. If the serialized unit has a serial number with a different quantity of issue parts, it will not display to be selected. If a different serial number is selected, the serial number in Order Entry will be changed.

: 1020239-1

DES-GL-CASE

	Serial Number	Qty	Issue Part	Weight	
▶	☐ 8	10	STK-GLASS - STOCK GLASS	0.000	
	☒ 9	10	STK-GLASS - STOCK GLASS	0.000	

OK Cancel

If the serial unit does not have a serial number assigned, the serial number screen cannot be accessed, and will display the following screen. A serial number must be assigned in Order Entry before the serial number can be changed in Trucking.



Plan Alerts

When units are planned using 'Capacity' a plan is created that follows the Work Cells that a unit is planned to go through while in production. When the 'Enable Plan Alerts' setting is enabled, if a unit is scanned at the shipping work cell before an earlier work cell in the plan, a message will appear, alerting the user of this error in the plan.

Not Complete

Item	Part	Size	Work Cell	Station ID	Code	Date	Schedu	Unit	Master	Parent i
N10907-1	ARCH-IG - Archib	24 W X 23 H X 1 T	WC-SEALER				1310	1	0	0
N10907-1	ARCH-IG - Archib	24 W X 23 H X 1 T	WC-ASSEMBLER				1310	1	0	0
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-TEMPER				1310	1	9285	9283
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-TEMPER				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-PAINTER				1310	1	9285	9283
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-PAINTER				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-FABBER				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-FABBER				1310	1	9285	9283
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	FAB-PROCESS2				1310	1	9285	9283
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	FAB-PROCESS2				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	FAB-PROCESS1				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	FAB-PROCESS1				1310	1	9285	9283
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-CUTTER				1310	1	9286	9284
N10907-1	GL-040-CLR - 4mi	24 W X 23 H X 5/3	WC-CUTTER				1310	1	9285	9283

OK

Cancel

The 'Alerts' screen displays the items that were not scanned at the previous work cells. The following fields exist in the 'Plan Alerts' grid:

- **Item** – Order-Item identifier.
- **Part** – Part name.
- **Size** – Size of the part, including width, height, and thickness.
- **Work Cell** – 'Work Cell' where the unit should have been scanned before arriving at the current station.
- **Station ID** – Station ID where part was rejected. Will display as empty if part has not been rejected.
- **Code** – Reject code from Core. Will display as empty if part has not been rejected.
- **Date** – Date the part was rejected. Will display as empty if part has not been rejected.
- **Schedule** – Schedule ID.
- **Unit** – Unit number.
- **Master Key / Parent Key** – Unit sub-component numbers. These can be found on the unit production label. The use of the Master / Parent Keys is required if the user is scanning in 'Part Updating Mode'. If these keys are not included, a message stating 'Invalid Barcode' will appear unless the 'Allow Ordered Part Scan' is checked.

If the user does not want to proceed with the action taken, select 'Cancel'. The user will be returned to the 'Run' screen.

If the user wants to continue with the action regardless of the plan alert, select 'OK'. When a user selects 'OK', a login window will prompt. If the user attempting to proceed through the message has insufficient permissions to do so, they will not be able to continue, and a user with higher privileges must login to continue. These permissions can be assigned within the Core application.

Not Complete

Item	Part	Size	Work Cell	Station ID	Code	Date	Schedu	Unit	Master	Parent I
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T	WC-ASSEMBLER				1312	1	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T	WC-ASSEMBLER				1312	2	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T	WC-ASSEMBLER				1312	3	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						4	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						5	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						6	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						7	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						8	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						9	0	0
N10910-1	ARCH-IG - Archib	25 W X 23 H X 1 T						10	0	0
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	9	9286	9284
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	10	9285	9283
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	10	9286	9284
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	9	9285	9283
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	8	9286	9284
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	7	9286	9284
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	8	9285	9283
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	7	9285	9283
N10910-1	GL-040-CLR - 4mi	25 W X 23 H X 5/3	WC-TEMPER				1312	6	9286	9284

Sign In

Authentication: FeneVision Authentication

User Name:

Password:

By selecting 'OK', the user is acknowledging that the unit is ready to be scanned at the current work cell despite the plan alert. After selecting 'OK', the unit will not bring up the alert when scanned at Tracking stations later down the production line. Once a unit is accepted through the alert, that information is logged and reported in FeneVision BI.

Mulled Units

Sub-Line Items

The sub-line item concept is used in FeneVision 'Opening Designer' / Bay & Bow windows and mulled units. This is used when multiple products make up a single unit.

For example, a bay window can be made up of three or more individual windows that are manufactured separately. These are considered sub-line-items. The bay window frame is considered the main line-item.

Sub-line items can be split into two different categories: 'Factory Mulled' and 'Field Mulled'. The difference between the two types of sub-line items is the way the parts are shipped.

- **Factory Mulled** – Occurs when products are assembled in the factory. Sub-line items display as the main ordered part in the Trucking application. Scanning the main unit will load the entire mull, including each sub-line item.
- **Field Mulled** – Occurs when products are shipped individually with intent to be assembled when they are installed. The sub-line items are selectable to be scanned and loaded individually.

Note: Partial mulling of products prior to shipping is not supported. Products assembled in this way must be treated as Field Mulled in the software.

Pickup Orders

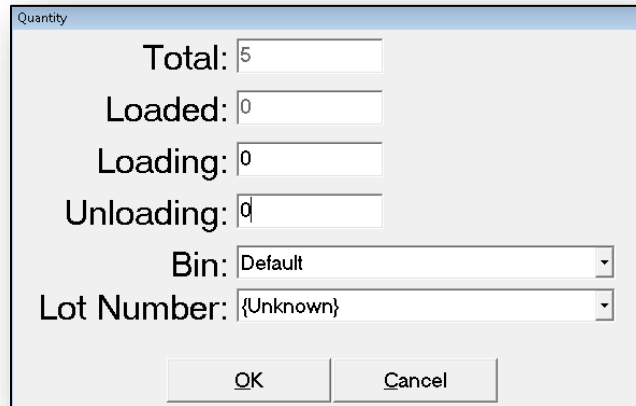
Pickup orders will show up in the FeneVision Trucking application, if used. When the orders appear in the top grid, they will show as fully complete. In the bottom grid, the items will show up from the pickup order, but nothing needs to be done to the items, as they do not need to be scanned onto the truck. Because of this, the green check signaling that the items are present show up by default. No scanning will affect the 'loaded' appearance of these items in trucking.

	Order-Item	Qty	Schedule-Unit	Description	Size
✓	PI2522-1	1/1		8000PW - PICTURE WINDOW	20 W X 40 H
✓	PI2522-2	1/1		8100SH - SINGLE HUNG	20 W X 40 H

A route with pickup orders can be shipped like any other route. Once the route is shipped, special paperwork will print out for the driver to let them know they have pickups. This paperwork may also include barcodes that can be placed on the units for scanning back into the system in the Pickup Receipt Entry screen.

Prompt for Quantity Mode

When the 'Prompt for Quantity' mode is enabled in the setup screen, the user can scan either a barcode or manually select the 'SCAN (Q)' / 'SCAN (P)' key. This window will display to prompt the user to enter the amounts intended for loading or unloading.



The screenshot shows a dialog box titled "Quantity". It has four text input fields: "Total:" with the value "5", "Loaded:" with "0", "Loading:" with "0", and "Unloading:" with "0". Below these are two dropdown menus: "Bin:" set to "Default" and "Lot Number:" set to "{Unknown}". At the bottom are two buttons: "OK" and "Cancel".

Note: The 'Prompt for Quantity' mode dialog will only display if more than one line-item is included in the scanned order-item.

- **Total** – The total quantity for the line item that was scanned.
- **Loaded** – Quantity currently loaded on the truck.
- **Loading** – Quantity of units the user is loading.
- **Unloading** – Quantity of units the user is unloading.
- **Bin** – Bin number of the unit (if units have been assigned to bins). Bins, set up in FeneVision Core, point users to the location of the items to be loaded.
- **Lot Number** – Lot number of the unit (if units have been assigned lot numbers).

Note: The 'Loading' and 'Unloading' fields cannot both have a value; one of them must be zero.

Batch Scanning

Users that are using a batch scanner can pass the scans into the Trucking application via the Batch Scanning screen. This screen is accessed by pressing the 'T' key. After opening the screen, the user can transmit the scans from the batch scanner, and the records will appear in the screen. Once the user has transmitted the scans to this screen, selecting the 'OK' button will load all the items in the top half of the screen onto the route.

Batch Scanning

These items will be loaded

Type	Barcode	Order-Item	Container ID	Part	Size	Customer	Stop	Capacity Alerts	Qty	
Non-Manufactured	@M-309334-1	M-309334-1		Inv Part		TEST CUSTOMER	2		0	
Manufactured	4779'1'0'0	M-309330-1		Tempered 1/4 inch - Stan	914 W X 1219 H	TEST CUSTOMER	1		1	

These items will not be loaded

Type	Barcode	Order-Item	Container ID	Part	Size	Reason
Manufactured	4784'6'5'5					Unit not found
Container	\$JSTACK12		JSTACK12			Container not assigned to this route.
Unknown	@M-309334'1					Invalid barcode

Items that appear in the top half of the screen are items that will be loaded upon selecting the 'OK' button to leave the menu. The columns in this section are described below:

- **Type** – Specifies the item that was scanned. Types displayed in this section are Container, Manufactured, and Non-Manufactured.
- **Barcode** – Displays the barcode information that was received from the batch scanner.
- **Order-Item** – Displays the order number and line item number of the item scanned.
- **Container ID** – If the barcode scanned was a container barcode the Container ID will be displayed in this field.
- **Part** – If a manufactured or non-manufactured item was scanned the part scanned will display in this field.
- **Size** – Dimensions of the item scanned.
- **Customer** – The customer that the item will be shipped to.
- **Stop** – Displays the stop number on the current route that the item is assigned to.
- **Capacity Alerts** – If a manufactured item has not been scanned complete at all of its assigned capacity work cells, an icon will appear in this field (a triangle with an exclamation point), the entire row will be highlighted yellow, and the 'OK' button will be disabled for the screen. Clicking on the icon will allow the user to approve the capacity alert. If the alert is not approved, the item can be deleted from the top grid by selecting the red delete icon. The alert must be approved, or the record deleted, for the 'OK' button to become enabled again.
- **Qty** – Quantity that will be loaded on the truck.

Items that appear in the bottom half of the screen are items that will not be loaded upon selecting the 'OK' button to leave the menu. The columns in this section are described below:

- **Type** – Specifies the item that was scanned. Types displayed in this section are Container, Manufactured, Non-Manufactured, and Unknown.
- **Barcode** – Displays the barcode information that was received from the batch scanner.
- **Order-Item** – Displays the order number and line item number of the item scanned.
- **Container ID** – If the barcode scanned was a container barcode, the Container ID will be displayed in this field.
- **Part** – If a manufactured or non-manufactured item was scanned, the part scanned will display in this field.
- **Size** – Dimensions of the item scanned.
- **Reason** – This field displays the reason why the item will not be loaded on the route when the 'OK' button is selected.

Shipping a Route

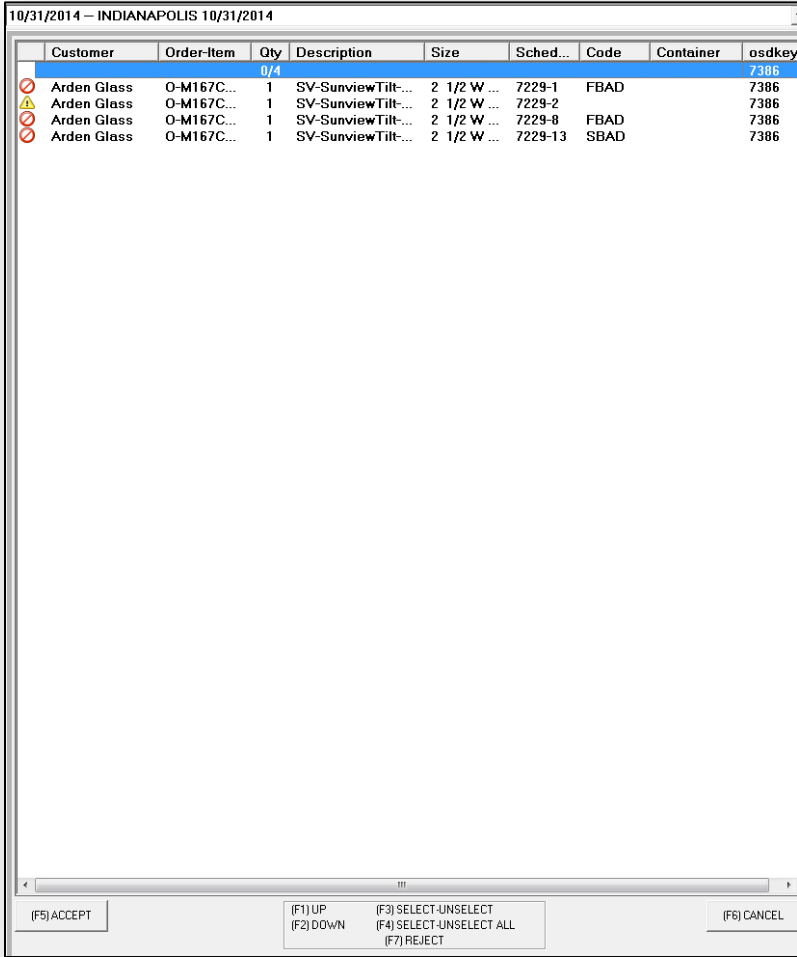
To ship a route, complete the following:

1. Ensure that all loading has been completed for the desired route.
2. To ship all of the items on a route, select 'SHIP (F1)' for the left loading dock or 'SHIP (F12)' for the right loading dock.
3. The missing items screen will appear if there are any items missing from the truck. The user must address items on this screen before they can continue processing the shipment.
4. The Trucking application will indicate that the route is being processed.
5. All of the shipping paperwork will print out, as specified in 'Setup'.

Note: Any unit rejected or not loaded onto the truck can be rescheduled onto a new route through the route builder portion of FeneVision Core only after the first route is shipped. This new route can then be shipped through the same process as the original route, except that the units that have already been shipped will show in the bottom split of the Trucking screen as green text with a truck icon in the place of the yellow box (denoting units that have been shipped). For supported accounting interfaces, units on manufacturing orders will be ready to import into an interface at this point. Manufacturing orders are not invoiced; therefore, shipping the route will enable records to be exported into the supported accounting interface dialog.

Missing Items

If a truck that has items not loaded or items that have been rejected is being shipped, the items will appear in the 'Missing Items' screen, and display a status of  or , for not loaded and rejected respectively.



	Customer	Order-Item	Qty	Description	Size	Sched...	Code	Container	osdkey
	Arden Glass	O-M167C...	1	SV-SunviewTilt...	2 1/2 W ...	7229-1	FBAD		7386
	Arden Glass	O-M167C...	1	SV-SunviewTilt...	2 1/2 W ...	7229-2	FBAD		7386
	Arden Glass	O-M167C...	1	SV-SunviewTilt...	2 1/2 W ...	7229-8	FBAD		7386
	Arden Glass	O-M167C...	1	SV-SunviewTilt...	2 1/2 W ...	7229-13	SBAD		7386

On this screen, the user can do one of the following:

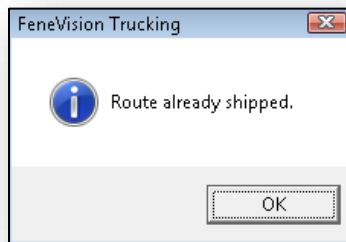
1. Select F3, which changes the status to 'Loaded' for the selected unit, changing the  to .
2. Select F4, which changes the status to 'Loaded' for all units.
3. Select F5, which will ship everything on the route that is not contained in this screen. A partial shipment will occur if items remain unloaded (back order).
4. Select F6 will cancel the shipping process, allowing the user to return to the Trucking screen. If adjustments are needed, these can occur here before continuing with shipping.
5. Reject a unit by selecting F7. If 'Reject Codes' have been set up in Core for the parts, the user can indicate the 'Reject Type', 'Reject Reason', and 'Reject Processing', as well as add any associated comments in the 'Reject Comments' field.

Note: To ensure a rejected unit is not inadvertently loaded by the user, a reject icon  is displayed for rejected units. Loading a rejected unit will clear the  icon, so if the unit is rejected, loaded, and then unloaded, the unit will be considered unloaded instead of rejected, and will display a  symbol.

Any unit rejected or not loaded onto the truck can be rescheduled onto a new route through the 'Route Builder' portion of Core after the first route has shipped. This new route can then be shipped through the same process as the original route, except that the units that have already been shipped will show in the bottom split of the Trucking screen as bold green text with a  in the place of the  (denoting units that have been shipped).

Shipped Routes

Shipped routes can still be selected by using the drop-down menu. The user will be met with the following prompt when selecting a route that has already shipped.



Select 'OK', and the route will display.

Unshipping a Route

When a route is shipped inadvertently, it can be unshipped by accessing the route in the routes dropdown list, and selecting the 'UNSHIP (F1)'. Unshipping a route will allow the user to add or remove units from that truck by scanning them in the same manner as before the route was shipped; however, when a unit is unloaded from a truck, its status changes to 'Manually Unloaded', not back to 'Accepted'.

Note: By default, shipped routes are only displayed in the routes dropdown list for two days after the route has shipped. After the end of the second day, the route will no longer display in the dropdown menu, and can only be unshipped through route builder. A setup parameter can be used to display the number of days the route is displayed in Trucking. Contact FeneTech for assistance in setting the setup parameter.

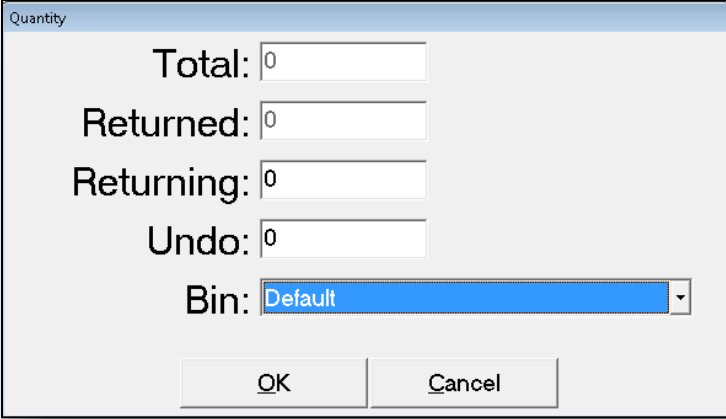
Return Mode

In order to use the return mode at a trucking station, the user must enable it via the FeneVision Trucking 'Setup' screen.

Return mode can only be used on shipped routes. To enter this mode, select a shipped route, and then select 'RETURN (F3)' / 'RETURN (F10)'. Trucking will display the return mode label above the function key list. The user will scan barcodes or manually scan by selecting either the 'SCAN (Q)' / 'SCAN (P)' key. The icon will change to a return arrow. The database will

not be updated until the user exits return mode by selecting the function key again or selecting another route. Returning can be done for both containerized and non-containerized units.

If in 'Prompt for Quantity' mode, when the user selects 'RETURN (F3)' / 'RETURN (F10)', the following screen will appear:



The screenshot shows a dialog box titled "Quantity". It has four input fields: "Total:" with value "0", "Returned:" with value "0", "Returning:" with value "0", and "Undo:" with value "0". Below these is a dropdown menu for "Bin:" with "Default" selected. At the bottom are "OK" and "Cancel" buttons.

- **Total** – Quantity shipped on the truck that is being returned.
- **Returned** – Quantity the user has processed as returned on the truck.
- **Returning** – Quantity of units the user is returning for this truck. The value defaults to 0.
- **Undo** – Quantity of units to un-return if the user previously enters an incorrect number.
- **Bin** – Bin ID if the unit has been assigned to a bin. Bins, set up in FeneVision Core, point users to where the items should be returned.

Note: The 'Returning' and 'Undo' fields cannot both have a value—one of them must be zero.

Note: If in 'Prompt for Quantity' mode, users cannot scan the barcode/sump to return from within a container.

When the user exits from return mode, the following actions will occur:

1. FeneVision will update the units with a return code.
2. Shipping quantities will be adjusted so that the user can place the remaining unshipped items for the order on another route.
3. The order will be re-opened if it has been closed (but invoice quantities will not be modified). This is dependent on a certain system parameter which requires an order to be fully shipped to become closed.
4. FeneVision will reset the order's shipping status to the new status.

*Note: The user must reject the returned item through a FeneVision **Tracking** station. A returned item cannot be rejected through Trucking since the individual who is processing the return through Trucking is typically **not** the one responsible for deciding to remake the unit.*

Staging Mode

Staging mode allows the user to stage all units before loading them onto a truck and shipping them. In order to use the staging mode at a trucking station, the user must enable it via the FeneVision Trucking 'Setup' screen.

Staging a unit is very similar to loading a unit. When in staging mode, all units for a route must be scanned (Q) scanned to staging before they can be scanned to loading. The first time a unit is scanned, it will obtain the status of "staged". Any unit can be un-staged by scanning the unit a second time before all units are scanned as staged.

Note: If all units on the route are marked as staged, a second scan will mark the unit as loaded, not un-staged.

At any time, the user may leave staging mode by selecting 'A' on the keyboard. This hotkey will allow the user to enter/exit staging mode.

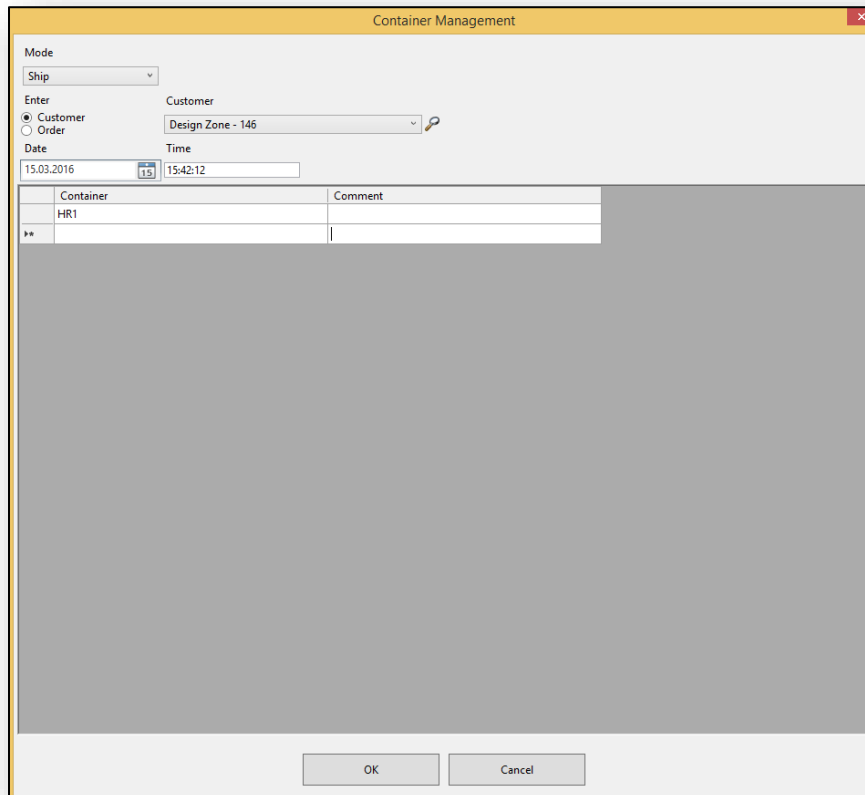
Once all units on a route are scanned into staging, the system will prompt the user.



Once the route has been fully staged, Trucking will no longer be in staging mode. Scan the units again to give them a status of loaded. Once fully loaded, the route can be shipped as usual.

Container Management

Users can ship and return containers through the 'Container Management' screen. To view the 'Container Management' screen, select the 'E' key while in trucking (the user must enable this option during setup). In dual dock mode the 'I' key will open the menu for the right dock. This menu also supports barcode scanner use. Container barcodes can be scanned to insert records into the main grid.

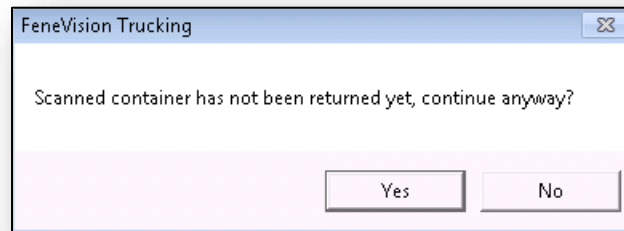
A screenshot of the "Container Management" application window. The window has a yellow title bar and a gray background. At the top, there is a "Mode" dropdown menu set to "Ship". Below this, there are two sections: "Enter" with radio buttons for "Customer" (selected) and "Order", and "Customer" with a dropdown menu showing "Design Zone - 146" and a magnifying glass icon. Below these are "Date" and "Time" fields, both showing "15.03.2016" and "15:42:12" respectively. A table with two columns, "Container" and "Comment", is visible. The "Container" column has a value "HR1" and a double asterisk icon. The "Comment" column is empty. At the bottom of the window are "OK" and "Cancel" buttons.

Shipping a Valid Shipping Container

To ship a valid shipping container, complete the following:

1. From the 'Container Management' screen, select 'Ship' from the dropdown menu.

2. Select a customer from the dropdown menu.
3. Enter a shipping container ID.
4. Enter a comment (Optional).
5. Select 'OK'.
6. If the container has not been returned, the following message will appear:

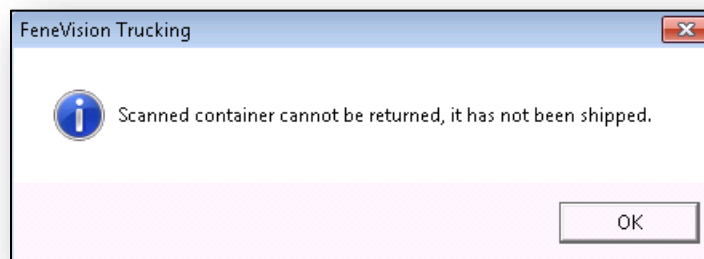


7. Select 'Yes'. The container has been shipped.

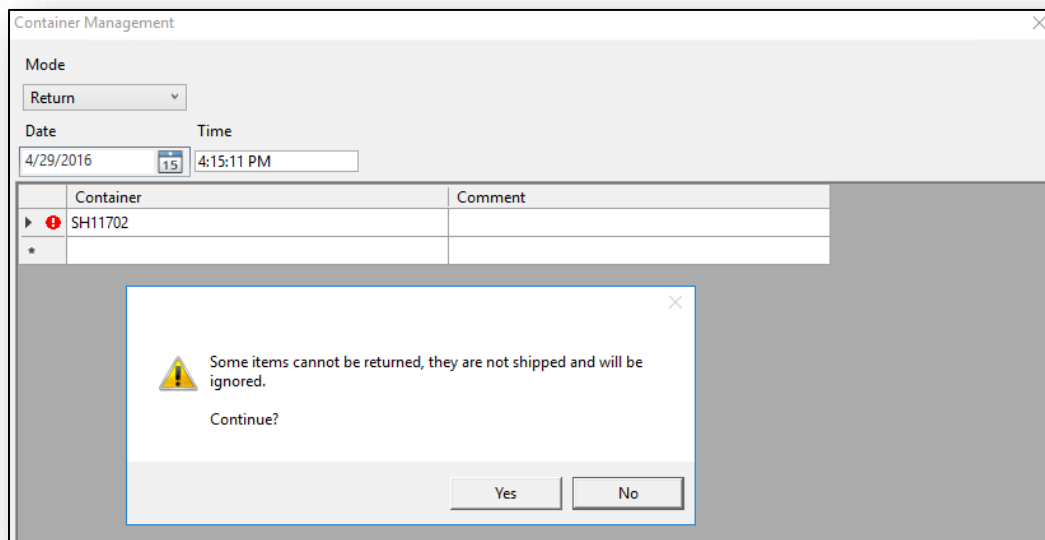
Returning a Valid Shipping Container

To return a valid shipping container, complete the following:

1. From the 'Container Management' screen, select 'Return' from the dropdown menu.
2. Enter the shipping container ID.
3. Select 'OK'.
4. If the container has not been shipped, the following message will appear:



5. If any of the containers have already been returned, a message will appear indicating those containers will be ignored. There will also be a red exclamation point next to the containers that have previously been returned.



Making a Container Ready for Pickup

If a container has been shipped and is now ready to be picked up from a customer then the 'Ready for Pickup' mode can be used to update the status of the container. To change a container's status to be 'Ready for Pickup' perform the following:

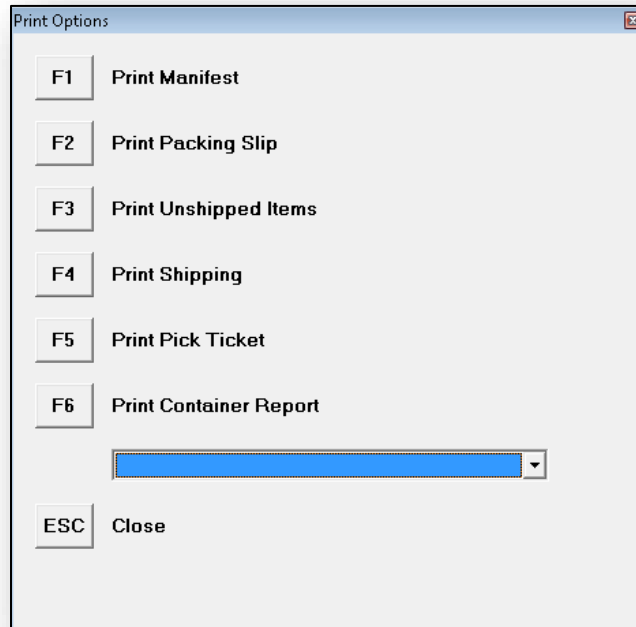
1. From the 'Container Management' screen, select 'Ready for Pickup' from the dropdown menu.
2. Enter the shipping container ID.
3. Select 'OK'.

Note: If the status of the container is not currently shipped then you'll receive an error message when selecting the OK button informing the user that the scanned container can't be picked up because it has not been shipped.

Document Printing

To print extra copies of shipping documents, complete the following:

1. Select 'PRINT (F4)' / 'PRINT (F9)'. The following screen will appear.



2. Select any of the buttons with the mouse or select the function key that corresponds to the desired document to print a copy.

If printing barcodes for a return, using the RMA Return sheet, the user can specify to print 1 barcode for manufactured and non-manufactured items. To do so, there are two parameters on the report that can be set in the System Reports screen.

1. OneBarcodePerManufactured
2. OneBarcodePerNonManufactured

Note: Parameters are case sensitive and should be used as they appear above.

These support true and false, defaulting to false which is base functionality. When false, it will print a barcode for the full quantity. When true, it will only print one barcode. When printing one, the report will simply show the quantity represented, instead of "X of Y" as it does when it prints one for each item.

Containers Menu

The 'Containers' menu allows the user to choose customer associations for containers that include units assigned to more than one customer. From the main Trucking dialog, select 'C' on the user's keyboard, or 'B' for the right side when using 'Dual Dock' mode. In this dialog, containers will be grouped together, and 'Stops' will be sorted within each grouping. The 'Drop-off' checkbox is the only item in the dialog that needs to be modified. Once 'Drop Off' is checked, the previous 'Drop Off' within the same container becomes unchecked.

Though units within a container may belong to more than one customer, each container can only be associated with one customer; therefore, the user cannot uncheck the 'Drop Off' checkbox since an association must exist for the container to be considered received. If multiple customer containers exist, this will be revealed before shipment occurs. The user must confirm the associations, and select 'OK' (or respond with 'Yes' when prompted to 'Save Changes?'). Otherwise the shipping process will be cancelled. For example:

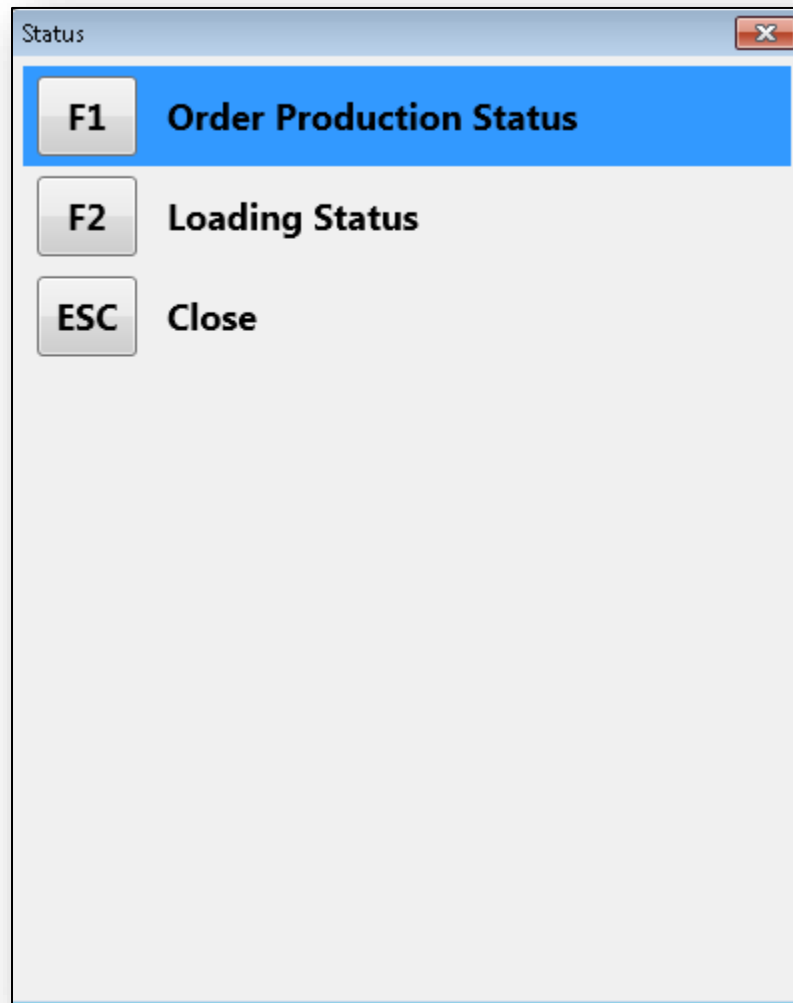
Ten units are being shipped in one container. Five units are being shipped to Customer A, and the other five units are being shipped to Customer B. Only Customer B will see the 'Drop Off' checkbox in the 'Containers' dialog since Customer A will receive the first five units. The remaining five units will

still be in the container on the truck on its way to Customer B.
Customer B will receive the entire container of the remaining
units.

Containers						
Container ID	Customer	Stop	Qty	Weight	SqFt	Drop Off
P01	007 Windows9	1	1	13.65	3.47	☒
P01	Adams, Sam	2	2	36.00	9.26	☐
P01	1112 NEW CUS	3	2	31.25	8.00	☐
P01	Acme Windows	4	2	20.00	5.01	☐
P02	007 Windows9	1	4	54.60	13.90	☒
P02	Adams, Sam	2	1	18.00	4.63	☐
P02	1112 NEW CUS	3	2	31.25	8.00	☐
P02	Acme Windows	4	2	20.00	5.01	☐
P07	007 Windows9	1	1	13.65	3.47	☒
P07	Adams, Sam	2	2	36.00	9.26	☐
P07	1112 NEW CUS	3	2	31.25	8.00	☐
P07	Acme Windows	4	2	20.00	5.01	☐
P08	007 Windows9	1	1	13.65	3.47	☒
P09	007 Windows9	1	1	13.65	3.47	☒
P09	Adams, Sam	2	1	18.00	4.63	☐
P09	1112 NEW CUS	3	2	31.25	8.00	☐
P09	Acme Windows	4	2	20.00	5.01	☐

BI

There are two BI reports that can be directly accessed via the Trucking main screen. After selecting a route and unit, users are able to select 'STATUS (F5)' to access the status menu.



Order Production Status Report

FeneVision BI 'Order Production Status' page can be accessed for any order on the route by selecting an item on the route, selecting 'STATUS (F5)' from within the Trucking main screen, and selecting 'Order Production Status (F1)'.

Order Production Status									
Order: O-M168CONT									
Schedule	Unit	Batch	Bin	Item/Order	Part	Station	Date Time	Status	Plant Location
7230	1	1	1	1/1	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	2	1	2	1/2	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	3	1	3	1/3	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	4	1	4	1/4	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	5	1	5	1/5	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	6	1	6	1/6	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	7	1	7	1/7	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	8	1	8	1/8	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	9	1	9	1/9	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	
7230	10	1	10	1/10	SV-SunviewTilt-SglDoor-Sunview Tilt Series Single Door		10/15/2014 11:46:06 AM	Released	

Loading Status Report

FeneVision BI 'Loading Status' page can be accessed for any order on the route by selecting an item on the route, selecting 'STATUS (F5)' from within the Trucking main screen, and selecting 'Loading Status (F2)'.

Loading Status

Location: MAIN Route: 5/27/2019 KD0517-1
Route: KD0517-1 Target Ship Date: 5/27/2019
Stop:3 Customer: "A" Best Roofing

Order-Item	Qty	Part	Container	Plant Location	Station	Date Time	Status	Employee
895361-1	1	DH QA	B0001		Trucking	5/17/2019 1:42:45 PM	*Manually Loaded	House
895361-1	1	DH-SCREEN			Trucking	5/17/2019 1:43:31 PM	*Manually Loaded	House
895361-2	1	OD QA MAIN 2	B0001		Trucking	5/17/2019 1:42:45 PM	*Manually Loaded	House
895361-2.1	1	DH-SCREEN			Trucking	5/17/2019 1:44:25 PM	*Manually Unloaded	House
895361-2.2	1	DH-SCREEN			Trucking	5/17/2019 1:44:20 PM	*Manually Unloaded	House
895361-2.3	1	DH-SCREEN			Trucking	5/17/2019 1:44:01 PM	*Manually Unloaded	House

Stop:2 Customer: KD Glass

Order-Item	Qty	Part	Container	Plant Location	Station	Date Time	Status	Employee
895362-1	1	DH QA	B0002		dh-qa2	5/17/2019 1:46:10 PM	*Complete	House
895362-2	1	DH QA	B0002		dh-qa2	5/17/2019 1:46:36 PM	*Complete	House

Routes Report

Additionally, by selecting 'Routes' from the 'Shipping' tab in BI, and selecting the Route ID, the 'Shipping History' page will display, allowing the user to view the shipment / delivery status of each item on the order in question.

Orders Purchasing Production **Shipping** Management Performance Web

Start Date: 7/1/2014 End Date: 10/17/2014 Filter: Actual Ship Date Location: MAIN

Routes

Route ID	Route Name	Qty	Weight	SqFt	Target Ship Date	Ship Date	Details
50652	4UP NORTH 07.08.2014	5	0.00	0.00	8/7/2014	7/24/2014	Details
51652	Sull DT1	10	0.00	104.17		7/24/2014	Details
51653	Sull DT2	8	0.00	83.33		7/24/2014	
52655	4DET 13.08.2014	1	0.00	51.04	8/13/2014	7/30/2014	
52658	JS Det Route	4	0.00	60.00		7/30/2014	

10/17/2014 4:35:10 PM 1 of 1

Additional Reports

Additional reports can be configured to show in the status menu. Users can configure the reports through Core >> Setup >> System >> Reports, using the screen name Trucking/Status. Any BI report can be configured to show. These configured reports will show as new buttons in the status screen within Trucking. For example, the BI Containers report was added in the picture below.



Exiting

Exit FeneVision Trucking by selecting the 'X' in the upper right corner of the main screen.

Setup

The user must complete an initial setup of the FeneVision Trucking application. This section outlines the setup options and their use.

System Requirements

The FeneVision Trucking application has specific hardware and software requirements. Please reference the FeneVision Hardware and Software Requirements document.

Installation

The FeneVision Trucking application is installed by executing an installation file and following the associated installation wizard. Although the software and hardware installation is not difficult, it should be done by someone with Microsoft® Windows and computer setup experience.

Program

To install the Trucking application, follow these steps:

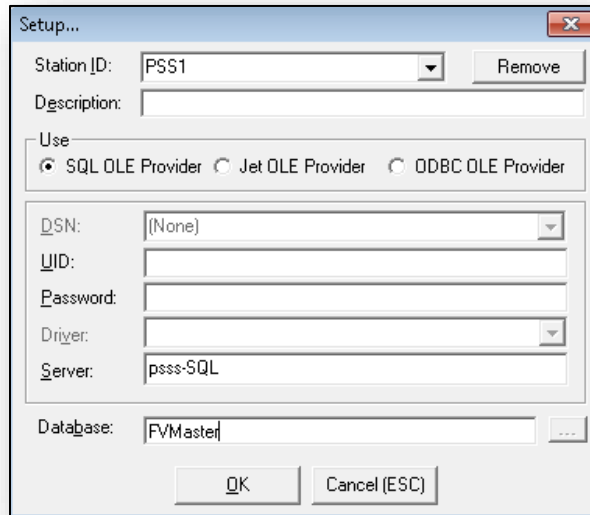
1. Locate the Trucking installation file.
2. Double click the installation file to begin installation.
3. An installation wizard will launch that will install the Trucking application.
4. A dialog box will appear that contains the license terms. These must be accepted in order to proceed with the installation.
5. Choose the typical install.
6. An application icon is automatically placed on the user's desktop. This icon can be used to start the application.

Initial Setup

Database connection information ('Setup...' screen) opens the first time the software is run. All information in the dialog must be supplied in order to communicate with the FeneVision server. Consult your system or network administrator for the required information.

Database Connection Information

Users connect with the database by indicating from which station the connection is made, the server name, and the appropriate authentication. 'Windows Authentication' uses the security features integrated into the Microsoft® Windows OS to grant users access to the SQL database used by FeneVision.



The 'Setup...' dialog contains the following fields:

- **Station ID** – Computer or station name used to identify the application instance.
- **Description** – Station description (optional).
- **Use** – Indicate the type of provider.

Note: FeneVision utilizes SQL OLE Provider only.

- **UID** – Should be blank when using Windows Authentication.
- **Password** – Should be blank when using Windows Authentication.
- **Server** – Server name of FeneVision database server. SQL instance name required, if applicable (SERVER-NAME\INSTANCE-NAME).
- **Database** – SQL Server database name (typically, 'FVMaster').

Note: This screen can be reached at any time by holding the 'Shift' key while the software is starting.

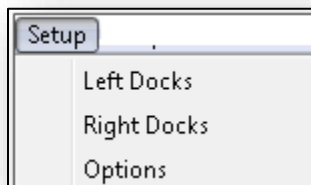
Tones

FeneVision Trucking uses three distinct tones to indicate when specific actions in the application occur. FeneTech recommends that each tracking station have speakers connected to the user's PC so that users can hear the audible sounds to verify these actions:

- **Successful Scan** – "Ping" sound indicating a successful scan.
- **Unsuccessful Scan** – "Dong" sound indicating an unsuccessful scan.
- **Wrong Item Scanned** – A two-toned "Alarm" sound accompanied by a 'Stop Sign' prompt indicating that the item does not belong on the truck and a message indicating the reason.

Setup

The user can re-open this screen at any time by selecting 'Setup'.



Note: The user must sign in with an administrator account to open the setup screens.

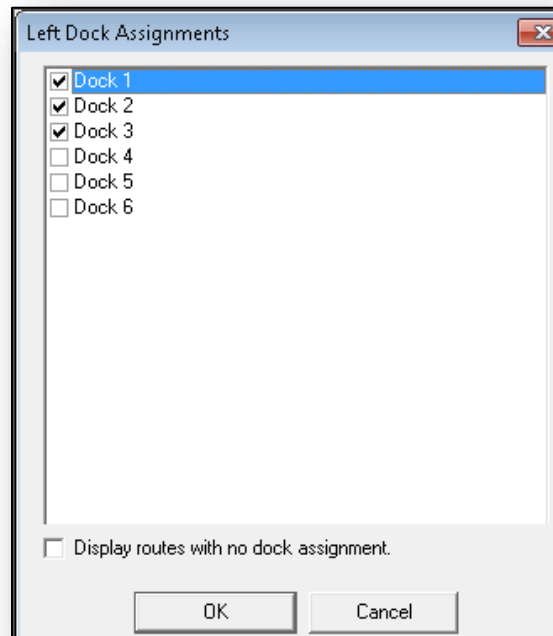
Docks

The 'Docks' function in FeneVision Trucking allows the user to filter the drop-down list of routes at the top of the main Trucking screen. Trucking's 'Docks' feature will display only those routes that are assigned to the particular dock where the station is physically located. Utilizing the 'Docks' function alleviates the need to scroll through a large list of all routes in order to locate the desired route.

By default, two docks will display in the main Trucking screen, so the assignment screen will reflect two docks (Left Dock Assignment & Right Dock Assignment). Docks are separated between 'Left Docks' and 'Right Docks' in order to clarify the assignments of route shipments out of docks

To view the 'Docks' setup screen, go to 'Setup' >> 'Left Docks'.

Users who have configured dock assignments for shipping routes in FeneVision Core can choose which docks are to be visible in FeneVision Trucking by selecting the checkbox beside the configured dock identifier.



The process is the same for assigning docks in the 'Right Dock' screen.

Checking ☒ Display routes with no dock assignment. enables the user to see all routes that have not been assigned a dock in Core.

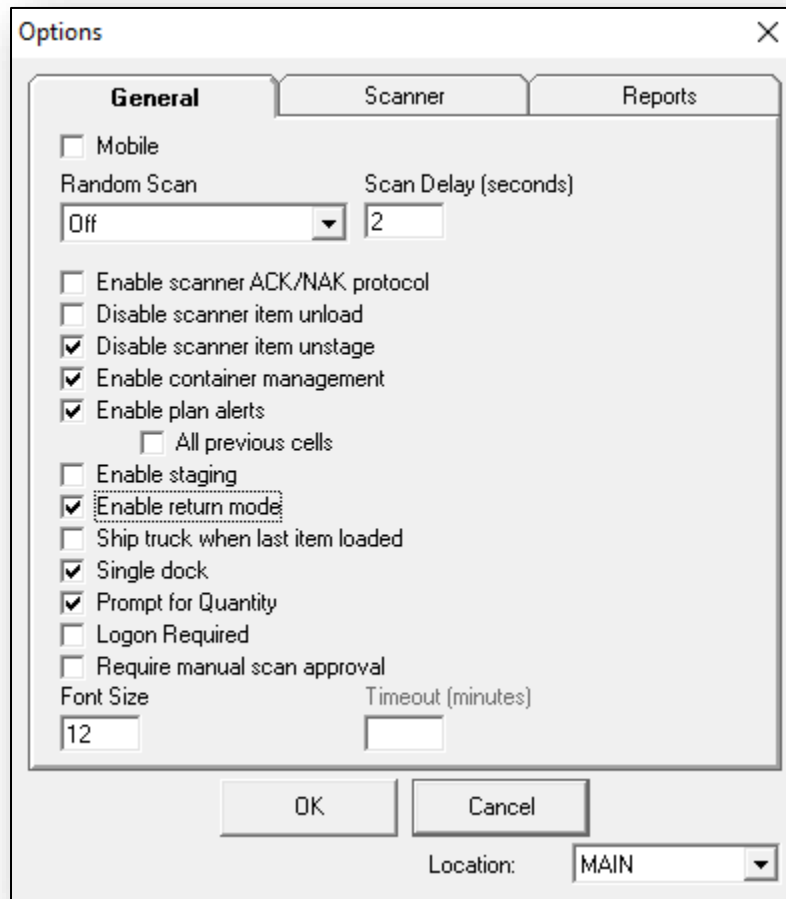
Note: Users who have checked 'Single dock' in the 'General' tab of the 'Options' dialog will only see one dock to configure.

Options

Three tabs exist in the 'Options' screen. These options, once configured, will determine functionalities to be enabled or disabled, the user's scanner options, and which reports the user wishes to have printed.

General

The 'General' tab allows the user to enable certain functions within Trucking. Place a checkmark next to the items the user needs to enable or disable. Explanations of the settings on this tab are shown below.



- **Mobile** – Changes the current Trucking station into a Mobile Trucking station to be used with the Mobile Trucking application.
- **Random Scan**
 - **Off** – Scan units onto the truck in per stop and order sequence.
 - **Per Truck** – Scan units assigned to the route in any sequence.
 - **Per Stop** – Scan units in any sequence for the stop (typical setting).
- **Scan Delay (seconds)** – Designates the number of seconds between a scan and when the next scan will be accepted. This prevents users from accidentally scanning the same barcode twice quickly and unloading by mistake.
- **Enable scanner ACK / NAK protocol** – This setting refers to the ‘Acknowledge / Not-Acknowledge’ feature of the user’s barcode scanner. The scanner will not allow the user to continue scanning barcodes after an illegal scan has occurred. Instead, the scanner will be disabled until the issue (usually when the scanned item does not belong on the route) is addressed on screen.

Note: The ACK / NAK feature operates differently between scanner brands. FeneVision only supports the ACK / NAK feature for the Worth Data Brand Scanner. Additionally, the ACK / NAK only applies to serial scanners. USB scanners cannot support ACK / NAK functionality.

- **Disable scanner item unload** – Once items are loaded onto the truck, they cannot be unloaded using a scanner (they can still be manually unloaded using the keyboard). Used to prevent unloading when users are prone to accidentally scanning the same barcode twice.
- **Disable scanner item un-stage** – Once items are staged, they cannot be un-staged using a scanner (they can still be manually un-staged using the keyboard).
- **Enable container management** – When this is checked the ‘Container Management’ screen can be opened by pressing the ‘E’ key.

- **Enable Plan Alerts** – When this is checked, the previous work cell will be checked to make sure the Part was scanned at that work cell. It will display the specific work cell that was skipped, and then will ask the user to approve or deny the action.
 - **All previous cells** – When checked, all previous work cells will be checked to make sure the Part was scanned at those work cells, not just the last work cell.
- **Enable staging** – When using a staging area to organize the load being shipped, this enables the user to scan the item into staging prior to loading.
- **Enable return mode** – Will enable ability to return a shipped item without unshipping the entire route.
- **Ship truck when last item loaded** – Will automatically ship the truck being loaded after the last unit on the route is scanned and loaded.
- **Single dock** – Operating with only one loading dock. Dual dock mode is the default setting.

Note: Dual dock mode cannot be used with USB scanners; it is only supported with serial scanners. Dual dock mode also should not be used when running Trucking in a terminal server environment due to the USB scanner restriction.

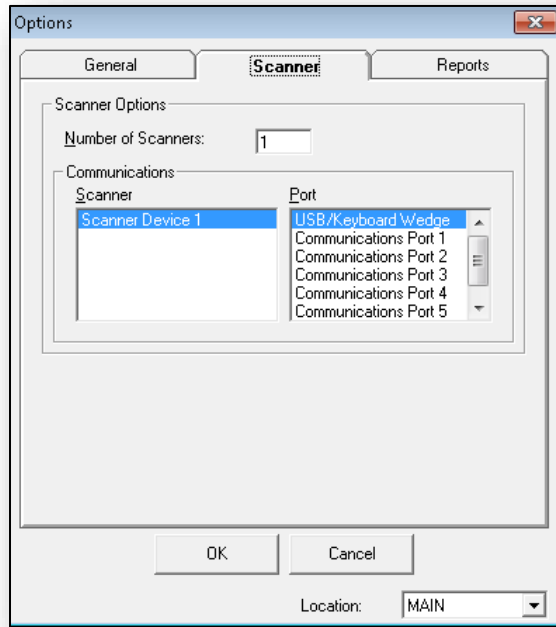
- **Prompt for Quantity** – For use when high quantities of a line item exist. Enables the user to type the quantity to load instead of scanning numerous pieces individually. Will enable the ability to enter quantity to load on every line-item of an order. Individual scanning is disabled while in this mode.

Note: This prompt will not appear for items using Opening Designer or Bay & Bow Wizard.

- **Login Required** – Typically used to track employees who perform loading and shipping actions. Requires a login each time an employee starts the Trucking application (single dock mode only).
- **Require Manual Scan Approval** – When enabled, any manual scan (scan not done with a barcode scanner) from either the main loading screen or the missing items screen will require approval from an employee with permission to do so. To grant an employee this permission enable the 'Trucking Manual Scan Approval' permission for the employee or employee's security group under the CORE/System Permissions.
- **Font Size** – Font size that will appear in the application. Increase for readability, if required.
- **Timeout (minutes)** – Trucking will time out after a specified time and return to the login screen (only when 'Login Required' is enabled).

Scanner

In the 'Scanner' tab, the user assigns the number of scanners attached to the computer. The individual scanner device number will appear in the scanner column. Select the correct port connected to each scanner.



Note: Trucking can be used with a single USB / Keyboard Wedge barcode scanner or a single RS-232 barcode scanner connected to the communications port specified. The USB/Keyboard Wedge can only be used in 'Single Dock' mode. In addition, 'ACK / NAK' mode cannot be used. The USB / Keyboard Wedge scanner must be configured to append STX (ASCII-2) characters to the prefix and suffix of the barcode. The serial (RS-232) scanner must be configured to append CRLF (ASCII-13 and ASCII-10 characters) to the end of the barcode. The scanner and communications port on the computer need to be configured as follows (serial scanner only):

Bits per second:	9600
Data bits:	8
Parity:	None
Stop bits:	1
Flow control:	None

Reports

The 'Reports' tab sets the default print quantities for the various system reports. The listed reports automatically print when a route is shipped in the application. Indicate the number of reports to be printed in the field next to each report type. To avoid printing *any* reports, set the value in the field next to the desired report(s) to '0'.

The 'Options' dialog box has three tabs: 'General', 'Scanner', and 'Reports'. The 'Reports' tab is active. It contains a 'Printer' dropdown menu, a 'Report Quantities' section with five input fields (Manifest, Packing Slip, Unshipped Items, Shipping, Pick Ticket), and a 'Containers' section with three rows (Harp Rack, Stacked Rack, Opti-Pack) each having a 'Quantity' input and a 'Report' dropdown. At the bottom are 'OK' and 'Cancel' buttons, and a 'Location' dropdown.

The following fields exist in the 'Reports' tab of the 'Options' setup menu:

- **Printer** – Specify the printer to be used for printing shipping paperwork. This is initially defaulted to the desktop's default printer.
- **Report Quantities** – Specify number of reports to print when route ships.
- **Manifest** – The manifest serves as documentation regarding the contents and details of the shipment of manufactured orders, including the following details. The manifest is used by the truck driver as a bill of lading, displaying the address of each stop in stop sequence and the quantity of products to deliver at each stop.

SHIPPING MANIFEST						
ROUTE: Indy via Col		TARGET SHIP DATE: 10/20/2014				
DOCK: Dock 3		TOTAL WEIGHT: 3291.85				
EMPLOYEE: Simpson, John		TRUCK ID:				
STOP: 1 Kelly Window and Entry Systems 1515 S. Alabama St. Indianapolis, IN 46220 US				TIME: CONTACT: Georgia Kelly PHONE: 317-555-9999		
ORDER	PO NUMBER	QTY	QTY SHIP	WEIGHT	COMMENT	C.O.D.
O-M148		5000	0			\$0.00
		5000	0			\$0.00
STOP: 2 Arden Glass 1985 N Kings Ave Indianapolis, IN 46226				TIME: CONTACT: Bill Knight PHONE: 812-555-2121		
ORDER	PO NUMBER	QTY	QTY SHIP	WEIGHT	COMMENT	C.O.D.
I-M103CONTM 2	11	75	0	1645.93		\$0.00
O-M138CONT	25	25	0	1645.93	Include all documentation with order. Confirm with Trucking department.	\$0.00
		100	0	3291.85		\$0.00

- **Barcode** – The barcode the user scans identifying the order.
- **Route** – Name of the route configured in FeneVision Core.
- **Target Ship Date (TSD)** – The target ship date defined in Order Entry.
- **Dock** – Identifier of the dock from which the order was shipped.
- **Total Weight** – Total weight of all ordered items to be delivered.

- **Employee** – Employee assigned as the truck driver in Core ‘Route Builder’.
 - **Truck ID** – Identifier of the truck on which the order was placed.
 - **Stop** – Sequence of destinations the truck is scheduled to deliver to.
 - **Customer's Address** – Ship to address of the stop as defined in Core ‘Order Entry’ for the order.
 - **Time** – Time the stop is scheduled at the delivery point.
 - **Contact** – Customer contact name.
 - **Phone** – Customer contact phone.
 - **Order** – The order number from Core.
 - **PO Number** – Purchase order number.
 - **Qty** – Total quantity of the order.
 - **Qty Ship** – Total quantity to be shipped.
 - **Weight** – Total weight of all ordered items to be delivered.
 - **Comment** – Any comments that are associated with the shipment.
 - **C.O.D. (Collect On Delivery)** – Specifies if any payment is to be collected upon delivery of the order.
- **Packing Slip** – The packing slip serves as a detailed accounting of the shipment. Two copies of the packing slip are typically printed, one is signed by the customer to be used as proof of delivery, and one is given to the customer during delivery for their records.



6589 Kings Way
Indianapolis, IN 46223
US
PH: 317-555-1212
FX: 317-555-2121
www.ardenandsons.com

ORDER: I-M103CONTM2
ORDER DATE: 3/10/2014

PACKING SLIP

INVOICE INFORMATION
Arden Glass
1985 N Kings Ave
Indianapolis, IN 46226

SHIPPING INFORMATION
1985 N Kings Ave
Indianapolis, IN 46226

SHIP VIA: Company Truck

ORDER	ORDER DATE	PO NUMBER	CUSTOMER REF	TERMS
I-M103CONTM2	3/10/2014	11		COD

ITEM	DESCRIPTION	SIZE	QTY	QTY B/O	QTY SHIP
1	FULL EYEBROW PW EXACT SIZE, LEG HEIGHT=[32.375], BEIGE, WHITE, CLEAR/CLEAR IG, JAMB EXTENSIONS=[4 9/16]	2030	25	25	0
2	HALF EYEBROW PW EXACT SIZE, BEIGE, WHITE, LEG HEIGHT=[28.625], LEFT, CLEAR/CLEAR IG, JAMB EXTENSIONS=[4 9/16]	2030	50	50	0
TOTALS:			75	75	0

COMMENT:
High Priority Item
Low Priority Item
Under Warranty

RECEIVED BY: _____

In the header:

- **Company Header** – Identifying logo and information regarding the company from whom the shipment is to be delivered.

- **Order** – The order number from Core.
- **Order Date** – Date the order was created.
- **Invoice Information** – Name and address of where to send the invoice.
- **Shipping Information** – Address where to ship to.
- **Ship Via** – Method of shipping.

In the grid:

- **Order** – The order number from Core.
- **Order Date** – Date the order was created.
- **PO Number** – Purchase Order number.
- **Customer Reference** – Additional identifying information regarding the customer configured in Core.
- **Terms** – Payment terms configured in Core
- **Item** – Line item number.
- **Description** – Description of the item followed by selected item options.
- **Size** – Size of the item.
- **Qty** – The total number of items in the order.
- **Qty B/O** – The quantity of items belonging to the order that are on back order.
- **Qty Ship** – The actual number of items shipped in this shipment.
- **Totals** – Column totals.

In the footer:

- **Comment** – Any comments associated with the shipment.
- **Received By** – Area for signature to confirm the arrival of the shipment.

Note: FeneVision will automatically send the packing slip to the customer via FeneVision eServer, as long as that customer has the fax or email option configured for 'Packing Slip Type' in 'Customers' setup. If the customer's 'Packing Slip Type' is set to 'Print' in 'Customers' setup, the packing slip will not automatically be sent via eServer. This only occurs the first time an order is shipped on a route. If the route is unshipped and shipped a second time, 'Packing Slips' are not automatically re-sent a second time.

- **Unshipped Items** – Details the items that were not included in the shipment. This report is given to customer service, so they can inform the customer which items they ordered are not included in the shipment. This report can also be used by production managers to ensure the products will make the next shipment.

UNSHIPPED ITEMS				
Arden and Sons				
ROUTE: INDIANAPOLIS 10/31/2014				
TARGET SHIP DATE: 10/20/2014 12:00:00 AM				
ORDER-ITEM	PART	QTY	CUSTOMER	LOCATION
O-M167CONT-1	SV-Sunview Tilt-Sgl Door - Sunview Tilt Series Single Door	25	Arden Glass	

In the header:

- **Customer Name** – Name of the customer who was to receive the item(s).
- **Route** – Name of the route.
- **Target Ship Date** – Date and time the order was to have shipped.

In the grid:

- **Order-Item** – The order number and line item from Core.
- **Part** – Part number and description of the item that was not shipped.
- **Qty** – Quantity of items that were to have been shipped.
- **Customer** – Customer Name.
- **Location** – Customer's manufacturing location where the items were to have been shipped.

- **Shipping** – Displays the items to be shipped in reverse stop sequence. The shipping report is typically printed from ‘Route Builder’ before loading, and used to gather products and load them onto the truck.

SHIPPING							
ROUTE: Indy Via Col		TARGET SHIP DATE:					
DOCK: Dock 3							
Customer: ABC Windows		STOP: 3					
ORDER	ITEM	SIZE	QTY	QTY PREV	QTY SHIP	LOCATION	BARCODE
2	8102SHHE - SINGLE HUNG HALF EYEBROW EX, BG, WH, LEG=53.125, LEFT, CLCL, HS, FIBR	45 W X 60 H X 1 T	3	0	0		
Order Totals:			3	0	0		
ORDER	ITEM	SIZE	QTY	QTY PREV	QTY SHIP	LOCATION	BARCODE
1	8102SHHE - SINGLE HUNG HALF EYEBROW EX, BG, WH, LEG=45.375, LEFT, CLCL, HS, FIBR	30 W X 50 H X 1 T	2	0	0		
Order Totals:			2	0	0		
Stop Totals:			5	0	0		

- **Route** – Name of the route configured in Core.
 - **Dock** – Identifier of the dock from which the order will ship.
 - **TSD** – Target Ship Date—the date and time the order was to have shipped.
 - **Customer** – Name of the customer to whom the order will be shipped.
 - **Stop** – The stop number for this particular customer (the sequence in which the orders are delivered).
 - **Order-Item Number** – Identifier of the order preceded by the item number.
 - **Item Description** – Details of the item.
 - **Size** – Dimensions of the item.
 - **Qty** – Quantity of the order.
 - **Qty Prev** – The quantity of the line item that has already been shipped.
 - **Qty Ship** – The quantity of items to ship on this shipment.
 - **Location** – Plant floor location, shown if previous tracking stations are configured to prompt users to select plant location (plant locations configured in Core container setup).
 - **Barcode** – Barcode for non-manufactured items that will not have their own production barcode label.
 - **Order Totals** – Total quantity of items for each order on the shipment.
 - **Stop Totals** – Total quantity of items for each stop the truck will make.
- **Containers** – Use the drop-down to indicate which type of report to generate for each container type. This specifies which report is printed when different container types are used.

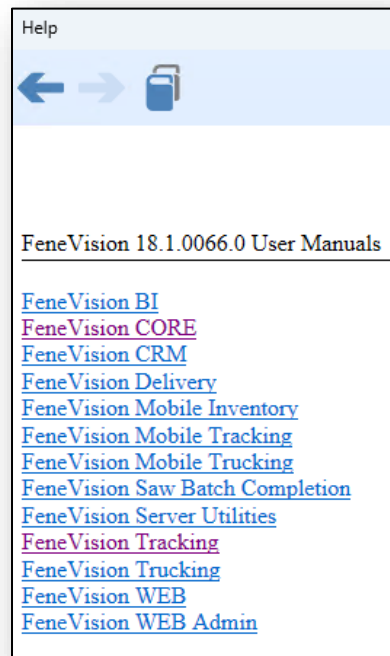
Help

There are two options within the help menu: ‘Contents’ and ‘About’.

Select the ‘Contents’ option to view an electronic copy of the user manual. The user can search through the contents page, review an index of key terms, or type a search for a key word or quickly find a section of the manual.



Users also have the ability to view the user manuals in different languages using the translate button at the top of the manual screen. Using the green arrows allows the user to 'Go Back' to a previous page or 'Go Forward' a page. The icon that resembles books can be used to access all other available Core user manuals.



Select the 'About' option to view the current version of FeneVision in use.

About

FeneVision Trucking

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Application Version 18.1.0066.0

Database Version 18.1.0066.0

FeneVision

ultimate

<http://www.fenetechn.com/>

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Description	Value
Operating System	Microsoft Windows 11 Pro
OS Version	6.2.9200.0
OS Service Pack	
OS Architecture	64 Bit
Processor Name	Intel(R) Core(TM) i7-8565U CPU @ 1.80GHz
Cores	4
Logical Processors	8
System Name	FEN1207-W11
Physical Memory (MB)	16205
Physical Memory in use (MB)	4921
Uptime	01:14:20
Windows Update - Last check for updates	4/15/2024 1:49:18 PM
Windows Update - Updates installed	4/15/2024 4:31:08 PM

OK

Save

File	Folder	Version Number	File Size (KB)	Date
actrpt.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	1.2.0.1057	992	6/30/202
Antlr3.Runtime.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	3.5.0.2	101	9/10/201
Avalara.AvaTax.RestClient.net45.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	19.3.0.0	823	3/22/201
exdepxt.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	1.0.0.1008	244	6/30/202
FeneVision.API.Common.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	114	6/30/202
FeneVision.API.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	244	6/30/202
FeneVision.BayBowDesigner.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	1444	6/30/202
FeneVision.BOM.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	466	6/30/202
FeneVision.CAD.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	2211	6/30/202
FeneVision.CapacityPlanning.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	1292	6/30/202
FeneVision.Common.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	1154	6/30/202
FeneVision.Common.WPF.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	2654	6/30/202
FeneVision.Containers.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	640	6/30/202
FeneVision.Customers.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	253	6/30/202
FeneVision.Customers.Standard.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	42	6/30/202
FeneVision.Customers.WPF.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	1014	6/30/202
FeneVision.Designer.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	232	6/30/202
FeneVision.DNFImport.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	148	6/30/202
FeneVision.Employees.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	12	6/30/202
FeneVision.EmployeeSetup.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	146	6/30/202
FeneVision.Filters.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	158	6/30/202
FeneVision.GuidedManufacturing.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	68	6/30/202
FeneVision.ImportExport.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	520	6/30/202
FeneVision.Interfaces.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	62	6/30/202
FeneVision.Inventory.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	1860	6/30/202
FeneVision.InventoryStore.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	114	6/30/202
FeneVision.Invoicing.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	184	6/30/202
FeneVision.Logins.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	50	6/30/202
FeneVision.MaxOpt.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	90	6/30/202
FeneVision.ObjectViewer.Configurator.dll	C:\Program Files (x86)\Common Files\Fenetechn Shared	18.1.66.0	266	6/30/202

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