

Port of Virginia – RFID Update

Motor Carrier Committee

April 4, 2017



Port of Virginia – RFID Update

Background – RFID technology is used extensively throughout VIG and NIT for the purpose of rapid truck identification.

Current Uses

- OCR Portal
- Gate Lanes
- Reservation Confirmation
- Turntime Calculation

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Passive RFID (Transcore)



Active RFID (Wherenet)



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Proof of Concept

- Tested Wherenet RFID Solution at NIT
 - Internal and External Trucks
 - 3000 Combined Test Cases
 - Improved Accuracy
 - Active Technology proved in Bi-Directional lane environment

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Benefits

- Improved RFID accuracy
- Aligns with US East Coast Best Practices
- Improved efficiency for Landside Operations
- Reduction in Gate Queue Times
- Faster Outgate Processing
- Centralized administration through Advent Intermodal Solutions

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Completed

- Proof of Concept
- NIT South Gate
 - 4 OCR Portals
 - 16 Gate Lanes
- NIT North Gate
 - 6 OCR Portals
 - 26 Gate Lanes
- VIG
 - Inbound OCR Portal

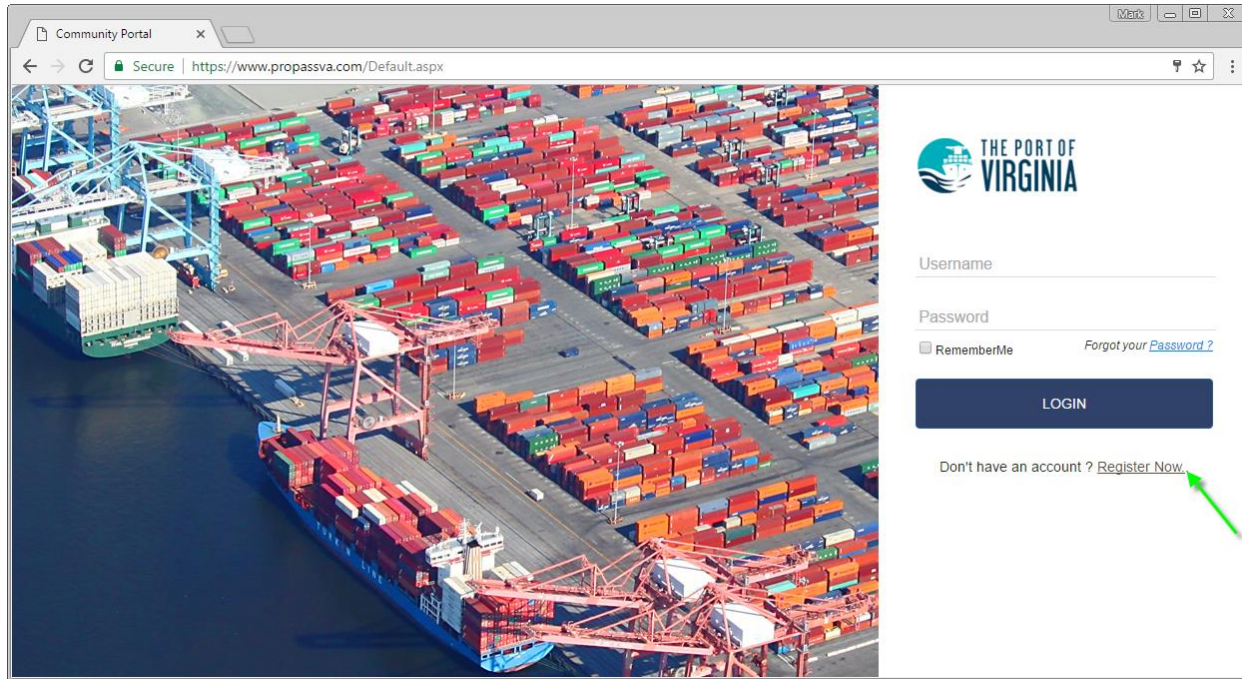
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Next Steps

- PRO-PASS Go Live
 - April 4, 2017
- Parallel Technology in Place
- NIT North Gate Go Live June 2017 – Wherenet Only
- VIG Gate Lanes and Outbound OCR Portal
- NIT Transfer Zones
 - North and South
- VIG Transfer Zones
 - 75 Existing Lanes



Port of Virginia – PRO-PASS



Community Portal x

Secure | https://www.propassva.com/Default.aspx

THE PORT OF VIRGINIA

Username

Password

RememberMe [Forgot your Password?](#)

LOGIN

Don't have an account? [Register Now.](#)

Port of Virginia – PRO-PASS

Account Registration x

Secure | https://www.propassva.com/Account/Register.aspx

Account Registration Login

Welcome to PRO-PASS Account Registration.

For Non-Trucking Companies:


This registration process will allow you to create an individual account to access the PRO-PASS Information Portal.

I only require access to the Information Portal. **Note - Currently Not Available!**

For Trucking Companies:


This registration process will allow you to create a company account to access Truck Management and the Information Portal. Please have your company address and contact information available.


Please select one of the following two options:

I have trucks in my fleet that service a Container Terminal. 

* SCAC:

or

I am an owner operator and do not have a SCAC 



Port of Virginia – PRO-PASS

Account Registration [Login](#)

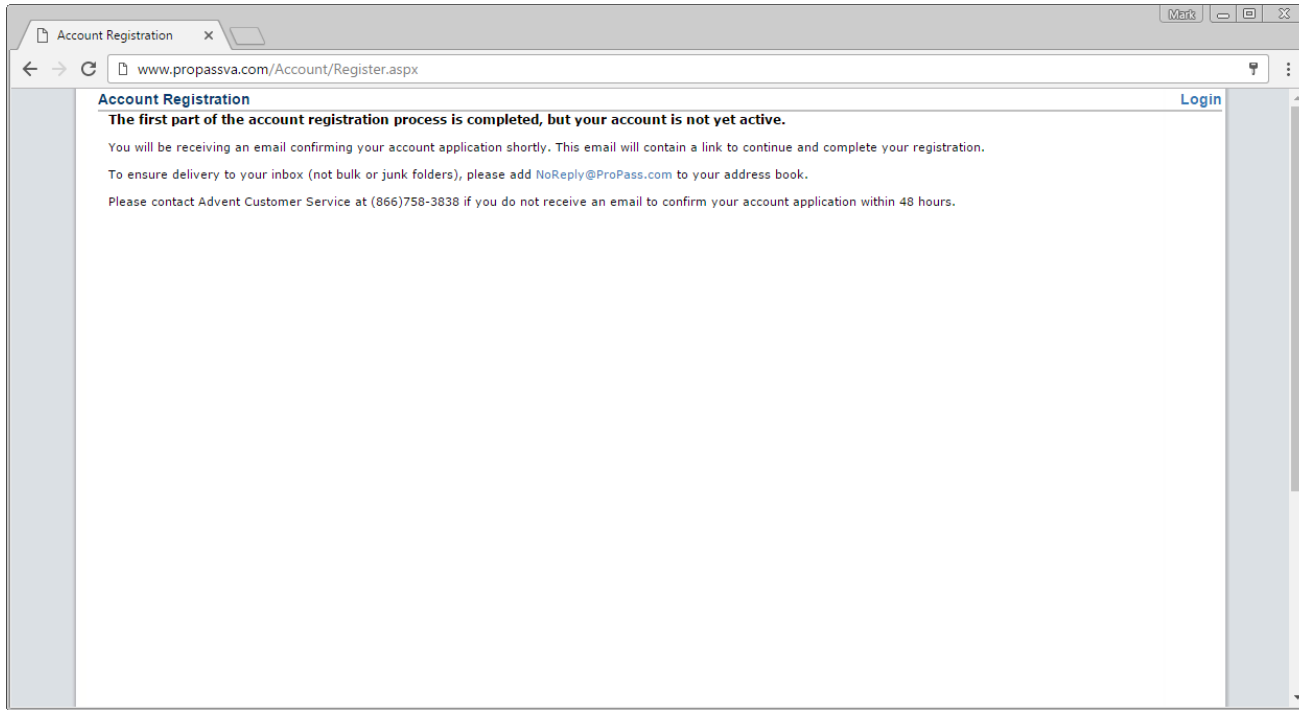
Company Information

- * Company Name:
- * Address Line 1:
- Address Line 2:
- * City:
- * State/Territory: * Zip Code:
- * Country: UNITED STATES
- * Phone:
- Fax:

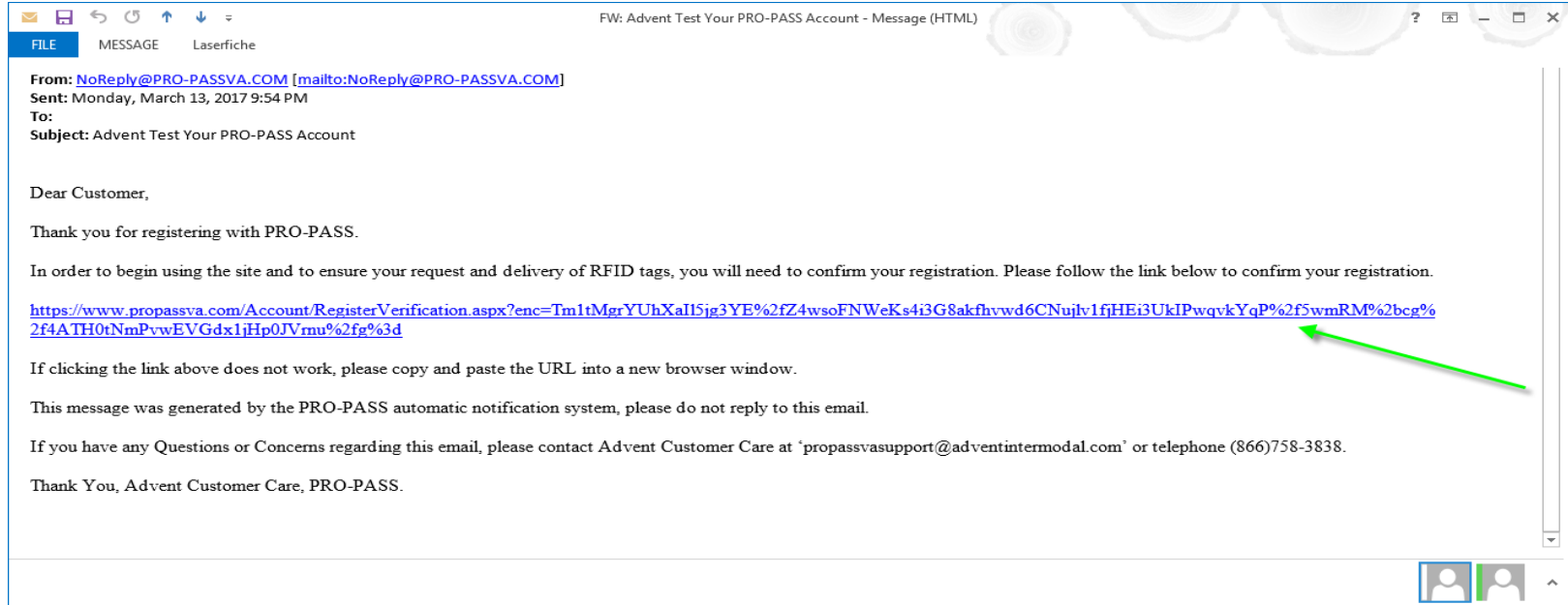
Account Administrator Contact Details

- * First Name:
- * Last Name:
- * Email Address:
- * Contact Phone: Ext.:
- * Create User Name: (limit 35 characters)
- * Create Password:
- * Confirm Password:

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Community Portal x

Secure | https://www.propassva.com

THE PORT OF VIRGINIA

Username

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RememberMe [Forgot your Password ?](#)

LOGIN

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Port of Virginia – PRO-PASS

Truck Management

Secure | https://www.propassva.com/DTR/TruckerTruckManagement.aspx?Module=DTR&Interface=TruckerTruckSearch

PRO-PASS COMMUNITY PORTAL | TRUCK MANAGEMENT

Please delete trucks that are no longer active by clicking

add new button can be used to add additional trucks.

Click on the "pencil" if you want to change any of a truck's details.

Please use the "Tag Purchase" menu tab at the top of the page to purchase RFID tags for your trucks that do not have them.

Lic Plate	State	VIN #	Make	Model	Model Year	Fuel Type	Engine Family	Engine Year	Truck GVWR

No Records found.

Page size: 20

0 items in 1 pages

Port of Virginia – PRO-PASS

The screenshot displays the 'Truck Management' interface within the PRO-PASS COMMUNITY PORTAL. The browser address bar shows the URL: <https://www.propassva.com/DTR/TruckerTruckManagement.aspx?Module=DTR&Interface=TruckerTruckSearch>. The page header includes 'PRO-PASS COMMUNITY PORTAL' and 'TRUCK MANAGEMENT'. A notification bar at the top states: 'Please delete trucks that are no longer active by clicking [X]'. Below this, instructions indicate that the '+ add new' button is used to add trucks and that a 'pencil' icon is used for editing. A secondary instruction mentions the 'Tag Purchase' menu for RFID tags. The main content area features a form for adding a new truck, with a table header above it: Lic Plate, State, VIN #, Make, Model, Model Year, Fuel Type, Engine Family, Engine Year, and Truck GVWR. The form fields include: Lic Plate, State, VIN #, Make, Model, Model Year, Fuel Type, Engine Family, Engine Year, Truck GVWR, RFID #, Truck Alias, Owner Oper., Sticker #, and Trucker Owner. A 'Services Container Terminal?' field has radio buttons for 'Yes' and 'No'. The 'Add' and 'Cancel' buttons are at the bottom right of the form. A green arrow points to the 'VIN #' field, and another green arrow points to the 'Add' button. The status bar at the bottom shows 'No Records found.', 'Page size: 20', and '0 items in 1 pages'.

Please delete trucks that are no longer active by clicking ✖

+ add new button can be used to add additional trucks.

Click on the "pencil" if you want to change any of a truck's details.

Please use the "Tag Purchase" menu tab at the top of the page to purchase RFID tags for your trucks that do not have them.

Lic Plate	State	VIN #	Make	Model	Model Year	Fuel Type	Engine Family	Engine Year	Truck GVWR
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

* Lic Plate: * State: * VIN #:

* Make: * Model: * Model Year:

* Fuel Type: Engine Family: * Engine Year:

Truck GVWR: * Owner Oper.: * Services Container Terminal?: Yes No

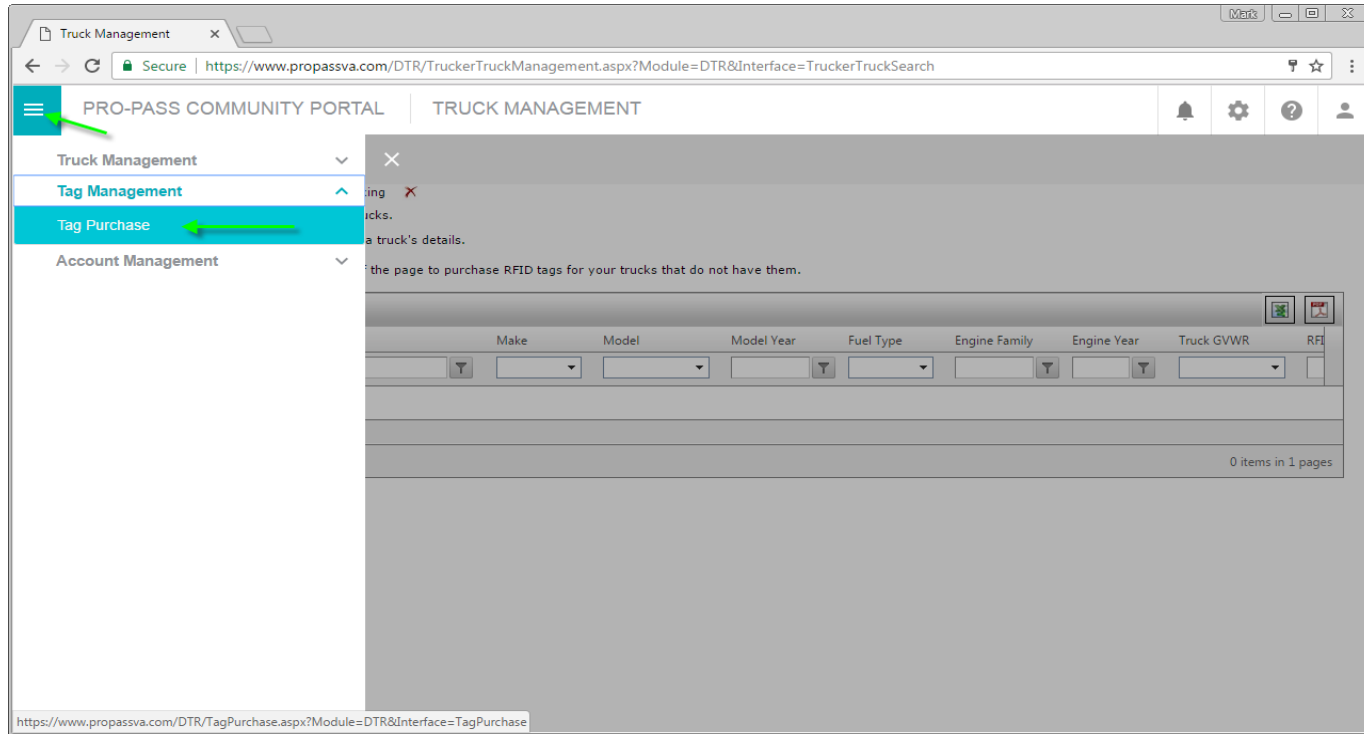
RFID #: Sticker #:

Truck Alias: Trucker Owner:

No Records found.

Page size: 0 items in 1 pages

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← PRO-PASS → TAG PURCHASE

* Delivery Method: Ship

If you would like to purchase tags for specific trucks, please select the trucks from the list below.

	Plate #	State	VIN #	Make	Model	Engine Year
<input type="checkbox"/>	USATEST	DE	265566556665555555	FREIGHTLANER	COLUMBIA	2017

Complete Purchase Cancel

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Additional Production Features

- Account Management
- Manage Groups
- Manage Users

Port of Virginia – PRO-PASS

PRO-PASS Customer Care Contact Information

PRO-PASS Customer Care Support Email:

propassvasupport@adventintermodal.com

PRO-PASS Customer Care Support Phone Number: (866) 758-3838