Container Security Initiatives At Seaports

Presented by

eModal

Port Security Seminar
Seattle, WA
July 20, 2006
eModal Today

32 marine terminals
12 Major Port Complexes
More than 14,000 registered users
3.9 million container views per month
Common Portal – Data Feeds
Mapping Provided
MTO Frequency Levels
FTP, Webservices
<table>
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<th>Terminal</th>
<th>Available</th>
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</table>
Acceptance and eModal Use by the Trucking Community

Approximately 4,000 trucking companies across the United States are registered in the eModal PCS.
eModal Trucker Check
TRUCKER INFORMATION

All fields are required.

First Name:  Last Name:  

**Trucker is Active.**
Click on the box to activate. If you wish to deactivate a trucker, click to remove the check.

Driver License Number:  State/Province:  

Expiration Date (mm/dd/yyyy):  

Trucker is contracted to haul for this trucking company for the following period:

☐ Contract doesn't have expiration date.

Contract Begin:  Contract End:  

(mm/dd/yyyy)  (mm/dd/yyyy)

Indicate trucker certifications  Yes  No

Class A  
Class B  
Haz/Mat  
Tankers  
Doubles  
Triples  

What port(s) will this trucker call:

☐ PierPASS TruckTag for Ports of LA & LB
☐ Port of Seattle
☐ Port of Oakland
☐ Port of Baltimore

[Continue]  [Cancel]
TRUCKER CONSENT AUTHORIZATION

As a registered user of www.emodal.com, I am submitting a driver's information to this system and site, and I warrant and represent that the driver has given to me written consent to obtain such information and to transmit it to eModal.com, LLC. for dissemination to eModal's registered users, in accordance with the provisions of the Driver's Privacy Protection Act, 18 U.S.C. Article 2721 et seq. I further warrant and represent that I have advised the driver that such information may include the following: driver's first and last name, driver's license number, driver's license expiration date and state of issue, truck license plate numbers, contract period with me as well as the names of the companies who have registered the same drivers with eModal.

This registered company also warrants and represents that the driver whose information is being submitted has provided me with proof that he/she has a valid commercial driver's license as required by law.
TRUCK LICENSE PLATE NUMBER

Please enter the truck license plate number for this trucker Bob Jones (Lic: UL989098).

Truck License Plate Number:  
State/Province:  

Is this the only license plate on the front bumper of this truck?  ☐ Yes  ☐ No

This truck will need a RFID tag to go to:

☐ PierPASS TruckTag for Ports of LA & LB
☐ Port of Seattle
☐ Port of Oakland

☐ I do NOT need a RFID tag.

Continue  Cancel
MULTIPLE TRUCKS

This trucker Bob Jones (Lic: UL989098) can drive the following truck(s).

<table>
<thead>
<tr>
<th>RFID</th>
<th>Plate</th>
<th>Additional Plate(s)</th>
<th>RFID Tag Info</th>
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<td>Pending</td>
<td>CAfi98634</td>
<td></td>
<td>Requested by eModal on 04/06/2006</td>
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Will this trucker drive other trucks for your company to the port?  ○  Yes  ○  No

Continue  Cancel
eModal Trucker Check

ACTIVE TRUCKER - The trucker Bob Jones (Lic: UL989098) is now registered with your company as ACTIVE trucker. The terminals will be updated.

Please select the type of drivers you want to view:  Active Drivers

Then click on View All Truckers or the first letter of truck drivers last name:

A B C D E F G H I J L M N P Q R S T V W Z

To input a RFID tag number by trucker, select the trucker’s name.

OR

To input a RFID tag number by truck license plate, click here
Trucking companies can review their registered truckers.

<table>
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<tr>
<th>Trucker</th>
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<th>State</th>
<th>License Expires</th>
<th>Last Update</th>
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<td>Aguirre, Miguel Angel</td>
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<td>CA</td>
<td>9/5/2008</td>
<td>1/24/2006 2:37:42 PM</td>
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</table>
Trucker Check Process
In use at marine terminals in:

- Port of Baltimore
- Port of Long Beach
- Port of Los Angeles
- Port of Oakland
- Port of Seattle
New Security Measures At Port Of Baltimore

Kai Jackson
Reporting

(WJZ) BALTIMORE There are new security measures being taken at the Port of Baltimore beginning Wednesday. All trucks and drivers entering the port's terminal truck gates will be entered into a new consolidated database. "When that driver comes in, we'll ask him who he's driving for, what his tag number is or what his identification number is, what his name is, and we'll be able to tell if that truly is the driver that's supposed to be there to pick up the container or not," Deputy Transportation Security Jim Ports tells WJZ's Kai Jackson.

The new technology's aim is to identify each driver's and truck's credibility and prevent any potential terrorists from entering.

There's hundreds of people everyday coming in and out of the port through specific access points that need to be checked," says Chief of MDTA Police Gary McHinney.

Baltimore is the first east coast port to install the new system, called the "E-Modal Truck Check." It's the latest in a long line of security upgrades at the port.

Other additions include a remote video surveillance system, perimeter security upgrades, and a security patrol boat equipped with sonar.

"We can make sure that they have business on port property so the process is evolving minute by minute," says McHinney.

"It's a homeland security measure that we're
Scalable Technology

- Trucker’s name -last/first
- Assigned PIN
- SCAC
- DOT number
- CDL number – state/province of issue, expiration date
- Tractor plate number(s)
- Confirmation that contract is “Active.”
- RFID numbers
- Container, Booking, Pick-up nos.
- Numeric identifiers - TWIC, Govt. nos.
- Verifying appt. numbers
- Biometrics/Fingerprints
- Digital photos
Frequently Asked Questions

I have verified more trucks with eModal than tags sent. Where are the other tags?
How do I participate in the RFID truck tagging program?
How much does it cost to participate in the PierPASS RFID electronic tag program?
Why do I have to participate in the RFID tag program?
What if I do not put an RFID tag on my truck?
How do I know which truck to put the RFID tag on?
The tag came without parts. How do I get the parts I need?
We just received the tag but the tractor listed is no longer contracted with our company -- what should we do with the tag?
I just hired a trucker and there is already a tag on the truck. How do I activate the tag for our company?
I just hired a trucker without a tag on the truck; how do I get the trucker a tag?
The truck is no longer with my company, what should I do?
Can I transfer the tag from one truck to another?
When do they have to be on the truck?
Why is PierPASS doing this?
How do I get a tag?
What shall I do if my trucker drives for more than one company?
How do I know my trucks are validated for tags?
All our drivers use all company trucks. Where is the truck pool feature?
Our drivers deliver nationally, and come to LA/LB only occasionally.
WhereTag TD Driver’s Side Mirror Mount Instructions

Please follow all steps in order:
Do not at any time press the button on the tag.

Parts as shown in Figure 1:
- Two 11" pipe clamps
- Two 4.5" pipe clamps
- Tag Mount
- WhereTag (screwdriver not included)

Note: Only two clamps are used. Four clamps in two different sizes are provided with the kit to accommodate different sized mirror mount bars.

STEP 1 Using 2 of the provided pipe clamps, fasten the tag mount onto the top mirror bar on the driver’s side as shown in Figure 2a. If there is no top mirror bar, use mirror bars shown in Figure 2b or 2c below. Use the pipe clamp size that best fits the bars. If your mirror mount is not shown, please see the following website for further examples of mirror mounts with tags correctly installed: http://www.e-modal.com/Help/TagMounting.aspx

NOTE: Always fasten on the Driver’s Side to the top bar as shown in Figure 2a.

STEP 2 Adjust the mount so it is level on the mirror bar as shown in Figure 3.

Note: The mount cannot be loosened or moved after the tag is inserted so you must precisely position and tighten mount prior to inserting the tag.

Figure 1 - Mounting Kit Parts
Figure 2a - Preferred Location
Figure 3 - Verify Level Mount

Non-Standard Single Arm Mirror Types

Figure 2b - Alternative Mount
Figure 2c - Alternative Mount
Enter RFID Number

<table>
<thead>
<tr>
<th>Trucker</th>
<th>License Number</th>
<th>State</th>
<th>License Expires</th>
<th>Last Update</th>
<th>More</th>
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</table>

**Active Trucker**

**PIN:** 789124678  **Open Contract**

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<tr>
<th>RFID</th>
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<th>Additional Plate(s)</th>
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Enter the truck license plate number as recorded on the RFID mounting sheet:

Truck License Plate Number:  
State/Province:  

Enter the LAST 5 digits of the RFID tag number as recorded on the RFID mounting sheet:

Submit  Clear the form
Enhancing Security Features With Existing eModal Trucker Check Functionality.....

Where do we go next?
• require motor carriers to provide information to the terminal operator on the specific truck unit and driver being dispatched to a participating terminal to perform a specific cargo transaction.
### License Information

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### Scheduler Receipt

**Scheduler number:** 19372951  
**Container:** CRXU1463587  
**Terminal:** ITS  
**Sched Date:** 07/21/06 09:00-10:00
Trucker’s name:
  Last/first
Assigned PIN
SCAC
DOT number
CDL number:
  state/province
  expiration date
RFID numbers
Confirmation of “Active”
Tractor plate number(s)
Container, Bkng, Pick-up nos.
Numeric IDs - TWIC, Govt. nos.
Verifying appt. numbers
Biometrics/Fingerprints
Digital photos
Thank you
Questions/Comments/Discussion