

Phoenix and FSC setup requirements to produce Postman formatted export file for import to VMAS

In order for Phoenix to produce the format necessary for USPS to correctly import data into their VMAS application. Phoenix must be configured using the following rules.

1. An Account is created for each finance number fueling at the site. All Employee/Driver and Vehicle cards associated to that finance number are assigned to that account.
2. Since the USPS Vehicle number used for tracking under VMAS is not the same number as that used for fueling, the USPS Vehicle number must be entered as the SHORT NAME of the Vehicle card within Phoenix.
Note: the Name field can be used for a vehicle description.
Note: Vehicle cards can be the existing ChipKeys used today, or the 19- digit Voyager card assigned to the Vehicle.

The screenshot displays the Phoenix Data Access software interface, specifically the Card Configuration Window. The window title is "Phoenix Data Access" and it has tabs for Sites, Accounts, Cards, and Transactions. The Cards tab is active, showing a table of card records. The selected card is 3506013020, with a name of 0914392 and a short name of 0914392. Below the table, the card configuration details are shown, including the account (Southeastern Post Office), card type (All Cards), card number (3506013020), name (0914392), short name (0914392), PIN, expiration date (3/20/00), odometer (0), monthly and daily allocations (0), card status (Valid), product restriction (Unlead & Oil Only), quantity restriction (No Restriction), reasonability (No Restrictions), user defined fields, and notes. There are also checkboxes for Card Switches: Second Language, Update Card, Allow Misc. Entry, Allow Odometer Entry, and K800 Card. Buttons for New, Delete, Cancel, ChipKey, and Verified Prompts are visible. The status bar at the bottom shows "Card Configuration Window", "229 Records", "8/26/04", and "1:22 PM".

Card #	Name	Short Name	Last Use	Odometer	Card Type	Ex
3475	Doorey T3 Maint	DooreyT3M			D	
3479	Pursel, Deborah, D	PurselD			D	
3506000001	PwI Test	PwI Test	7/28/04		V	
3506013020	0914392	0914392	8/18/04	0	V	
3506014015	CC10470	CC10470	0 11 C 004	500000	V	

Account: 411625, Southeastern Post Office
Card Type: All Cards
Card #: 3506013020
Name: 0914392
Short Name: 0914392
PIN:
Exp. Date: 3 /20/00
Odometer: 0
Monthly Alloc: 0
Daily Alloc: 0
Card Status: Valid
Product Restriction: Unlead & Oil Only
Quantity Restriction: No Restriction
Reasonability: No Restrictions
User Defined 1:
User Defined 2:
Notes:
Card Switches:
 Second Language
 Update Card
 Allow Misc. Entry
 Allow Odometer Entry
 K800 Card
Buttons: New, Delete, Cancel, ChipKey, Verified Prompts
Status Bar: Card Configuration Window, 229 Records, 8/26/04, 1:22 PM

3. When a USPS facility has Oil dispensers, a generic Vehicle Card must be created (recommended card# is "1000") with the Misc. Keyboard prompt enabled. The SHORTNAME field of that card MUST be set to read

“OILMASTER” (or some string, **it cannot be a numeric value**). The Misc. Keyboard prompt on the FSC should be configured to read: “Enter Vehicle#.”

When dispensing Oil, the attendant will key their Employee # (Driver Card) followed by the Vehicle card number of “1000”. When prompted to Enter Vehicle number the attendant will enter the seven-digit number of the Vehicle being serviced.

4. Product Codes (referred to as Tank# for VMAS): The Petro Vend Fuel Site Controller (FSC) and Phoenix, because of VMAS, must always have Product Code “02” assigned to Unleaded and “03” assigned to Diesel. Then, because VMAS always expects a product code/tank# of “00” for Oil, which is not supported by Petro Vend, all OIL dispensers will be assigned a product code of 16 in both the FSC and Phoenix. The export process will ALWAYS convert product code “16” to “00”.

The screenshot shows a window titled "Status & Restriction Configuration" with a table of product codes. The table has five columns: "System2 Code", "Description", "Short Name", and "Affects MPG?". The "Products" table is selected in the left-hand menu. The table contains 16 rows, with codes 02 and 03 checked in the "Affects MPG?" column.

Select table to configure	System2 Code	Description	Short Name	Affects MPG?
Card Status	01	Unused	Unld	<input type="checkbox"/>
Products	02	UNLEADED	Unld	<input checked="" type="checkbox"/>
Product Restriction	03	DIESEL	DSL	<input checked="" type="checkbox"/>
Quantity Restriction	04	Unused	Mrkd	<input type="checkbox"/>
Reasonability	05	Unused	Dsl1	<input type="checkbox"/>
	06	Unused	Dsl2	<input type="checkbox"/>
	07	Unused	Gahl	<input type="checkbox"/>
	08	Unused	Alch	<input type="checkbox"/>
	09	Unused	Prop	<input type="checkbox"/>
	10	Unused	LPG	<input type="checkbox"/>
	11	Unused	Lub1	<input type="checkbox"/>
	12	Unused	Lub2	<input type="checkbox"/>
	13	Unused	Tran	<input type="checkbox"/>
	14	Unused	Cool	<input type="checkbox"/>
	15	Unused	Watr	<input type="checkbox"/>
	16	OIL	OIL	<input type="checkbox"/>

5. Because VMAS expects Oil to be a two-digit value representing quarts, the export process will always round Oil quantity to the nearest whole number.

6. Setting up the FSC: These rules must be followed when configuring the FSC.
 - a. The cardfile must be configured so Misc. Keyboard prompts and Drive, Vehicle and Account Name fields are enabled.
 - b. In addition to the minimum required fields by Phoenix, the FSC must also be configured; so polled transactions return the Misc. Keyboard and Vehicle Short Name fields. If these fields are not returned by the FSC the export process will fail.

The resulting export file should write to a file named "DATA" (with no extension). The user must enter this, while selecting the "Postman/VMAS" export type from within Phoenix. Its exported file format will be:

41162502123456701234040000000 Where:

```

411625 ===== Finance#
  02 ===== Product Code / Tank #
    1234567 ===== Vehicle#
      0 ===== Filler (Always Zero)
        1234 ===== Fuel Quantity (xxx.x)
          04 ===== Number of Quarts Used
            0000000 Filler (Always Zeros)
  
```

Notes: If product is not Oil, the number of Quarts will always be "00"
 If product is Oil, the Fuel Quantity will always be "0000"