

## Introduction

### Purpose

This manual provides network-specific information for Passport® V11.04 systems at stores that use the National Bankcard Services (NBS®) network:

- Upgrading from Passport V8.02 with Service Pack W or later
- Upgrading from Passport V10 with Service Pack P/Q or later
- Upgrading from Passport V11.02 with Service Pack G, Service Pack J with JMP2 or later
- Installing Passport V11.04 for the first time

### IMPORTANT INFORMATION

**Upgrading to Passport V11.04 requires advance notice to the NBS network that the site is implementing EMV® outdoor functionality on Passport.** Additionally, CENEX® branded locations will need to contact CHS to request an EchoSat<sup>SM</sup> PaySafe device prior to installation, and will need to get a copy of the “**Control Scan Installer Configuration Guide Passport to NBS**” which provides instruction to connect EchoSat PaySafe device to Passport. The ControlScan Helpdesk and Provisioning Department can be reached 24x7 at 1-800-393-ECHO (1-800-393-3246), or via email at [eshelpdeskteam@controlscan.com](mailto:eshelpdeskteam@controlscan.com).

In this version, EMV functionality affects inside transactions. At least two full days before the scheduled upgrade, advise the merchant that he must contact the NBS network and explain that the site is implementing an upgrade of Passport to enable EMV. The merchant should advise the network representative of the date the upgrade is to take place and request that the network prepare to enable EMV with appropriate parameter downloads on that date. Ask the merchant to let you know if the network is unable or unwilling to make the necessary preparations for enabling EMV for the store.

On the day of the scheduled upgrade, ask the merchant or store manager if he notified the NBS network of the need to prepare to enable EMV network communication. If the merchant or store manager has not notified the NBS network of the need to enable EMV network communication, call the network on behalf of the merchant or store manager. Ask the network representative if he can expedite enabling EMV functionality for the store within four hours. If the network representative indicates he can prepare for enabling EMV on the network within the next four hours, continue with the upgrade. Otherwise, consult the merchant or store manager regarding your options, which are:

- Upgrade without enabling EMV and return later for the Parameter Download (PDL) to enable EMV.
- Arrange a later date for the upgrade, after the network has sufficient time to enable.

### Intended Audience

The audience for this document includes merchants, cashiers, store managers, and Passport certified Gilbarco® Authorized Service Contractors (ASC).

*Note: Leave this manual at the site for the manager's reference. This manual is available for download by Passport-certified ASC on Gilbarco Online Documentation (GOLD<sup>SM</sup>).*

**REVIEW AND FULLY UNDERSTAND THIS MANUAL BEFORE BEGINNING THE UPGRADE.**

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## Related Documents

Document Number	Title	GOLD Library
MDE-3816	Passport Hardware Start-up and Service Manual	<ul style="list-style-type: none"> <li>Passport</li> <li>Service Manual</li> </ul>
MDE-4696	Ingenico® PIN Pad Kits (PA0379XXXXX, PA0383XXXXX, PA0412XXXXXXXX, and PA0411XXXXXXXX) Installation Instructions	POS Peripheral Devices
MDE-4826	Passport Card and Face-based Local Accounts Setup and Operations Manual	Passport
MDE-4834	Passport System Recovery Guide for Passport V8.02+	Passport
MDE-4866	Passport Firewall Router Start-up and Service Manual	Passport
MDE-4954	Passport Start-up and Service Manual for the Cisco® Firewall Router (Q13708-08)	Passport
MDE-5025	Passport V9+ Reference Manual	Passport
MDE-5026	What's New in Passport Versions 9 and 10	Passport
MDE-5083	Passport Hardware Start-up and Service Manual for PX60 Platform	<ul style="list-style-type: none"> <li>Passport</li> <li>Service Manual</li> </ul>
MDE-5213	Verifone® MX915 PIN Pad Kit Installation Instructions	Passport
MDE-5266	What's New in Passport Version 11	Passport
MDE-5302	Passport V11.02 Upgrade Instructions	Passport
MDE-5303	Passport Software Installation Manual for V11.02 on PX60 Hardware Platforms	Passport
MDE-5304	Passport Software Installation Manual for V11.02 on PX52 Hardware Platforms	Passport
MDE-5312	Passport EDH (NBS) V08.34 Implementation Guide for Payment Application Data Security Standard (PA-DSS) V3.2	Passport

## Abbreviations and Acronyms

Term	Description
AID	Application Identifier
ASC	Authorized Service Contractor
BOS	Back Office System
CAPK	Certificate Authority Public Keys
CD	Compact Disc
COM	Communication
CRIND®	Card Reader in Dispenser
CWS	Cashier Workstation
DSL	Digital Subscriber Line
EBT	Electronic Benefits Transfer
EDH	Enhanced Dispenser Hub
EMV	Europay®, MasterCard®, and Visa®
GOLD	Gilbarco Online Documentation
MSD	Most Significant Digit
MWS	Manager Workstation
NBS	National Bankcard Services
PA-DSS	Payment Application Data Security Standard
PCATS	Petroleum Convenience Alliance for Technology Standards
PDL	Parameter Download
PPU	Price per Unit
RAS	Remote Access Service
SSL	Secured Socket Layer
TLS	Transport Layer Security
VSAT	Very Small Aperture Terminal

## Technical Support

If you are a store manager or merchant and you need assistance with Passport, call Gilbarco at 1-800-800-7498.

If you are an ASC and need to verify RAS connection or activate a Passport feature, call Gilbarco at 1-800-800-7498. If you need assistance with an upgrade or installation issue, call Gilbarco at 1-800-743-7501. Be prepared to provide your ASC ID.

To contact the NBS Help Desk, call 1-800-827-4634.

To contact the EchoSat Help Desk, call 1-800-393-3246.

## Network Data Retention

By default, the Passport system's network database saves all transaction details for 30 days, which means Passport purges network transaction details older than 30 days. This network setting can be changed by updating the "Days to Keep" field value (refer to table on [page 8](#)). The Days to Keep field can accept values between 30 and 90 days, inclusive.

## What's New in Passport V11.04 at NBS Stores

The following features have been updated or are new for the NBS stores:

### V11 Network Feature Enhancements

The following is a high-level description of core Passport features introduced in V11. For more information on any of the new features, refer to *MDE-5266 What's New in Passport Version 11*.

#### **EMV Support on Inside Transactions**

Passport V11.01 was the first release in the USA to support EMV chip card compliance for inside transactions. The customer and store associate experience changes greatly with the EMV chip card feature. Customers using a credit or debit card with an embedded microchip must insert the card into the chip reader (on the PIN pad inside) and leave it until the transaction completes and the chip reader displays instructions to remove the card. Cashiers at the Cashier Workstation (CWS), as well as customers inside and at the dispenser, will notice new prompting related to EMV functions.

Enabling EMV inside may require new PIN pads or new PIN pad software. EMV capable PIN pads are VeriFone MX915, Ingenico iSC250, and iPP320. In addition, the ASC will make simple PIN pad configuration changes in **Manager Workstation (MWS) > Set Up > Register > Register Set Up**. The ASC may also update network configuration parameters in **MWS > Set Up > Network > NBS** for EMV inside transactions.

#### **Tender Keys in CWS**

The CWS reflects a basic change beginning with V11.01. A new tender key, labeled **Card**, replaces the **Credit** and **Debit** tender keys. The cashier selects the **Card** tender key when the customer presents a credit, debit, or prepaid card for payment. This change is made because EMV chip cards can contain multiple EMV applications which support credit and debit payment. Passport does not know the specific payment application to use for the transaction until after the cashier begins tendering the transaction, the customer inserts an EMV chip card, and the PIN pad communicates with the chip on the card. Passport determines the card type and Passport logs the transaction based on this determination. Credit and Debit tenders continue to appear on Accounting reports as before.

#### **EBT Food (Non-integrated) and EBT Cash (Non-integrated) Tenders**

Passport provides new Tender Group selections that allow the merchant to program EBT Food and EBT Cash tenders for stores that use an external EBT terminal to authorize EBT Cash and EBT Food transactions when the primary payment network does not support EBT Cash and EBT Food card types. These new EBT tenders are available for inside transactions only. The EBT Food tender applies food stamp restrictions to the items in the transaction as well as exempts tax for the items that qualify for food stamps.

#### **Signature Capture**

Beginning with V11.02 Service Pack D, Passport supports electronic signature capture at the Ingenico iSC250 and VeriFone MX915 PIN pads. Passport stores the electronic signature with the merchant receipt and uploads it to Insite360™ receipts. Reprints of electronic signature capture receipts automatically print the captured signature. Receipt searches performed at the CWS do not display the captured signature; instead, an indication that the signature was electronically captured displays.

### **Receipt Printer Settings for Faster Printing**

To increase receipt printer speed, your ASC can change the settings on the Epson® receipt printer, which increases the baud rate of the printers.

### **EMV Card Removal Timer at the CRIND**

With the introduction of EMV capability at the dispenser, customers are prone to forget their chip card in the card reader on the dispenser. To prevent lost or stolen cards resulting from the customer forgetting to remove his card, beginning with V11.02 Service Pack H, Passport behavior at the dispenser and CWS changes.

### **Network Batch Totals for BOS Processing**

The Passport Back Office Interface allows the merchant to send information about each network batch close that occurs during the business day to the BOS. Passport generates a network batch file at the close of each batch. The information included in batch totals XMLGateway files varies by network.

### **Assigning Product Codes**

Passport supports PCATS Payment System Product Codes for fuel and dry stock items. Passport transmits the product codes assigned to fuel and dry stock items when completing transactions with the network. It is important to assign the correct product code to fuel grades and dry stock items.

<b>IMPORTANT INFORMATION</b>
If fuel product codes are configured incorrectly, cards with grade restrictions will not be approved for fuel sales and host-based discount transactions will not roll back the PPU discount properly. Be diligent in assigning fuel grades in <b>MWS &gt; Set Up &gt; Forecourt &gt; Forecourt Installation</b> to ensure correct product code assignment.

# Site Configuration Programming

## IMPORTANT INFORMATION

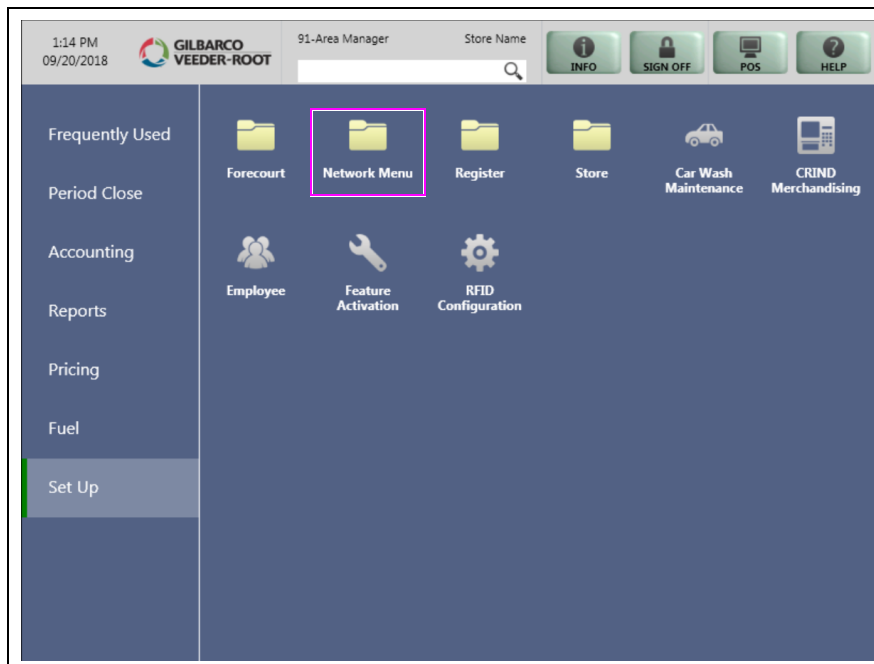
Install and run the Enhanced Dispenser Hub (EDH) before you start network configuration.

To establish communication with the NBS, the Passport Site Configuration must be programmed correctly.

To program Site Configuration, proceed as follows:

- 1 From the MWS main menu, select **Set Up > Network Menu**.

**Figure 1: MWS Main Menu**



- 2 Select **NBS** and the following options will display:

- Site Configuration
- Card Configuration Download
- EMV PDL Download
- Fuel Discount Configuration

- 3 To program network configuration for the site, select **Site Configuration**. The NBS Network Site Parameters screen opens.

**Figure 2: Site Configuration - Page 1 Tab**

The screenshot displays the 'NBS Network Site Parameters' application window. At the top, there are several tabs: 'Cash Back Configuration', 'EMV Parameters', 'Site Configuration' (highlighted with a red box), 'VSAT Configuration', and 'Dial Configuration'. Below these, there are sub-tabs for 'Page 1', 'Page 2', 'Page 3', and 'Page 4', with 'Page 1' also highlighted. The main form area contains the following fields:

- Terminal Id: GP1078444059501
- Site Name: Old Station
- Street Address: Street
- City: City
- State: St

On the right side of the window, there are 'Save' and 'Cancel' buttons. At the bottom right, it shows 'Operator 91'.

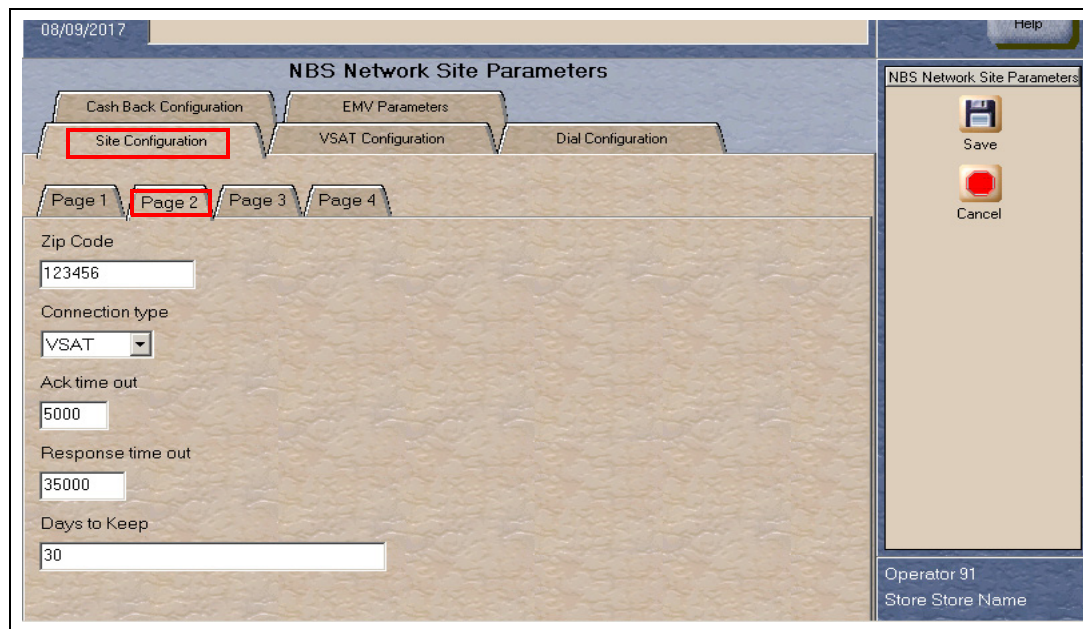
- 4 Select the **Site Configuration - Page 1** tab.

The following table lists the fields on the Site Configuration - Page 1 tab:

Field	Description
Terminal ID	Uniquely identifies the site with the network. NBS provides this value.
Site Name	The station name for the store.
Street Address	The address of the store. This value is supplied by the store.
City	The city in which the store is located. This value is provided by the store.
State	The state in which the store is located. This value is provided by the store.

- 5 Select the **Site Configuration - Page 2** tab.

**Figure 3: Site Configuration - Page 2 Tab**



The following table lists the fields on the Site Configuration - Page 2 tab:

Field	Description
ZIP Code	The ZIP code in which the store is located. This value is provided by the store.
Connection type	Indicates the method the store uses to connect to the NBS network. The available options are <b>VSAT</b> and <b>Dial</b> . Using <b>EchoSat PaySafe</b> device requires this field set to <b>VSAT</b> .
Ack time out (see Note 1)	Indicates the time Passport system waits for a response from the NBS network for an authorization request before cancelling the request. The Passport system attempts to send the authorization request up to three times before cancelling the request. The unit of measurement is milliseconds.
Response time out (see Note 1 and Note 2)	Indicates the time out after the Passport system receives an NBS network acknowledgement (no retries within the same COM session). The Passport system makes three attempts. The unit of measurement is milliseconds.
Days to Keep	Indicates the number of days worth of network transaction information to keep in the database. The accepted values are between 30 and 90 days, inclusive.

Notes: 1) This value comes from the NBS network and cannot be edited.

2) The ASC must validate these values with the NBS network to ensure that the store is using the correct values. The default value may not be correct.



- 6 After completing all fields on the Page 2 tab, select the **Page 3** tab.

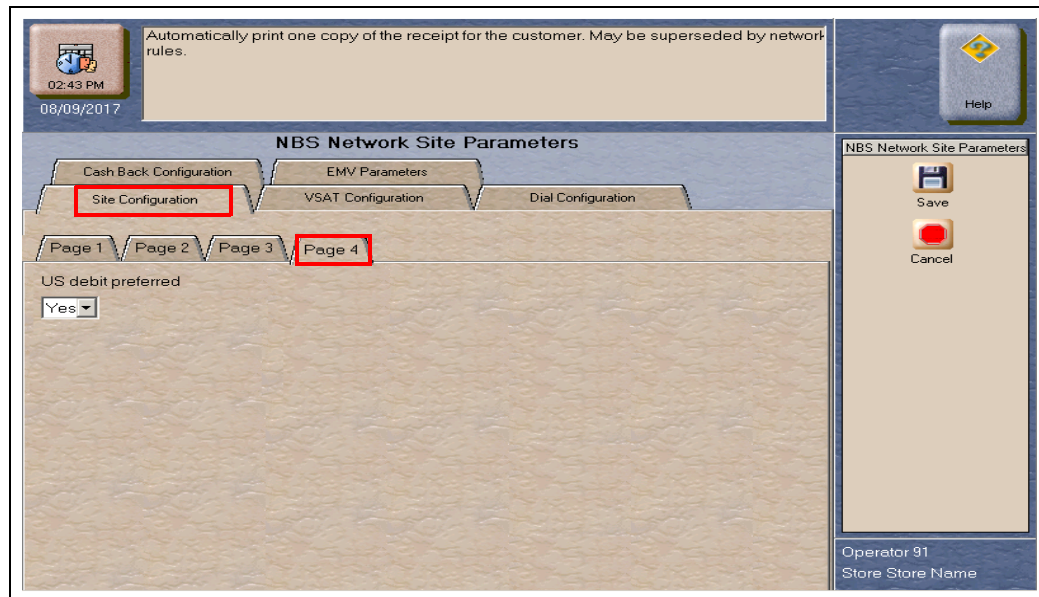
**Figure 4: Site Configuration - Page 3 Tab**

The following table lists the fields on the Site Configuration - Page 3 tab:

Field	Description
Configuration Name	Indicates the name of the card configuration file the NBS network keeps for this store. This value is provided by the NBS network. V11.02 uses the configuration name CHSGP1 V11.04 uses the configuration name ECHSGP1 <i>Note: The ASC must validate these values with the NBS network to ensure that the store is using the correct values. The default value may not be correct.</i>
EMV Configuration	Indicates the name of the EMV configuration file the NBS network keeps for this store. This value is provided by the NBS network. This is an editable field. Default value: <b>'debitemvconf'</b> . <i>Note: The ASC must validate these values with the NBS network to ensure that the store is using the correct values. The default value may not be correct.</i>
EMV Outdoor Configuration	Indicates the name of the EMV Outdoor configuration file the NBS network keeps for this store. This value is informed by the NBS network. This is an editable field. Default value is afdemvconf. <i>Note: The ASC must validate the value with the NBS network to ensure that the store is using the correct value. The default value may not be correct.</i>
EMV Keys	Indicates the name of the EMV Keys file the NBS network keeps for this store. This value is provided by the NBS network. This is an editable field. Default value: <b>'NBSPubKeysAllBrands'</b> . <i>Note: The ASC must validate these values with the NBS network to ensure that the store is using the correct values. The default value may not be correct.</i>
Print store copy of the receipt inside	If set to No, Passport does not print a store copy of a receipt for a transaction completed with the NBS network. Defaults to <b>Yes</b> . <i>Note: Refer to the Signature Capture enhancement description in MDE-5266 What's New in Passport V11, which is present with the User Documentation Compact Disk (CD) that accompanies the Passport V11.02 Software Kit.</i>

7 After completing all fields on the Page 3 tab, select the **Page 4** tab.

**Figure 5: Site Configuration - Page 4 Tab**

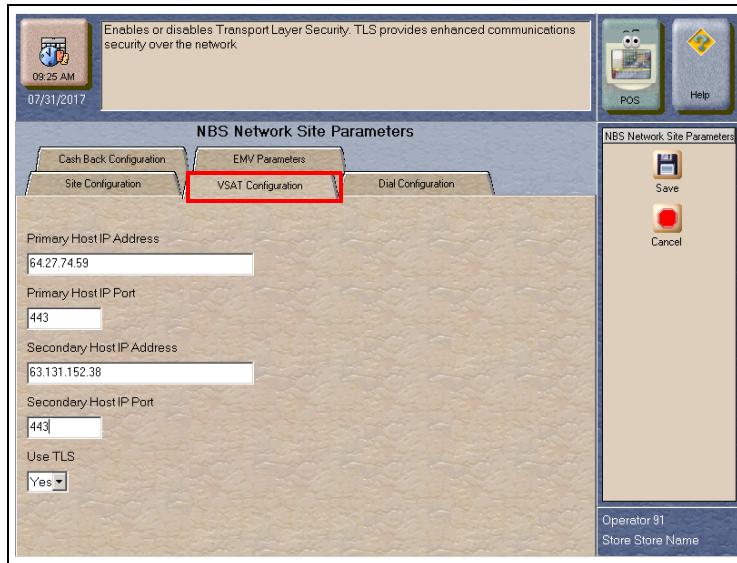


The following table lists the fields on the Site Configuration - Page 4 tab

Field	Description
Print customer copy of the receipt inside	If set to No, Passport does not print a customer copy of a receipt for a transaction completed with the NBS network. Defaults to Yes. <i>Note: Refer to the Signature Capture enhancement description in MDE-5266 What's New in Passport V11, which can be found on the User Documentation CD that accompanies the Passport V11.02 Software Kit.</i>
US debit preferred	<ul style="list-style-type: none"> <li>• If set to Yes, when the customer presents an EMV card that contains both US Common and International Debit Application Identifiers (AID), Passport displays or uses the US Common Debit AID.</li> <li>• If set to No, when the customer presents an EMV card that contains both US Common and International AID, Passport displays or uses the International Debit AID.</li> <li>• If the card contains only one debit AID, Passport displays or uses it irrespective of the setting for this field.</li> </ul>

- 8 Refer to the Connection type field on the **Site Configuration > Page 2** tab. If the Connection type field is set to Dial, then proceed to step 9 on [page 12](#). Otherwise, select the **VSAT Configuration** tab.

**Figure 6: VSAT Configuration Tab**



The following table lists the fields on the VSAT Configuration tab:

Field	Description
Primary Host IP Address	The IP address of the primary NBS processor for this store.
Primary Host IP Port	The port number for the primary NBS processor for this store.
Secondary Host IP Address	The port number for the secondary NBS processor for this store.
Secondary Host IP Port	Backup communication port for the WorldPay® network. 4-digit string. By default, the value is not set to anything.
Use TLS	Transport Layer Security (TLS) is the protocol that offers enhanced security through Secured Socket Layer (SSL) connection. <b>Note: For EMV-enabled sites, this field set to YES is mandatory.</b>

**Note: The NBS network provides all information for all fields on the VSAT Configuration tab.**

**IMPORTANT INFORMATION**

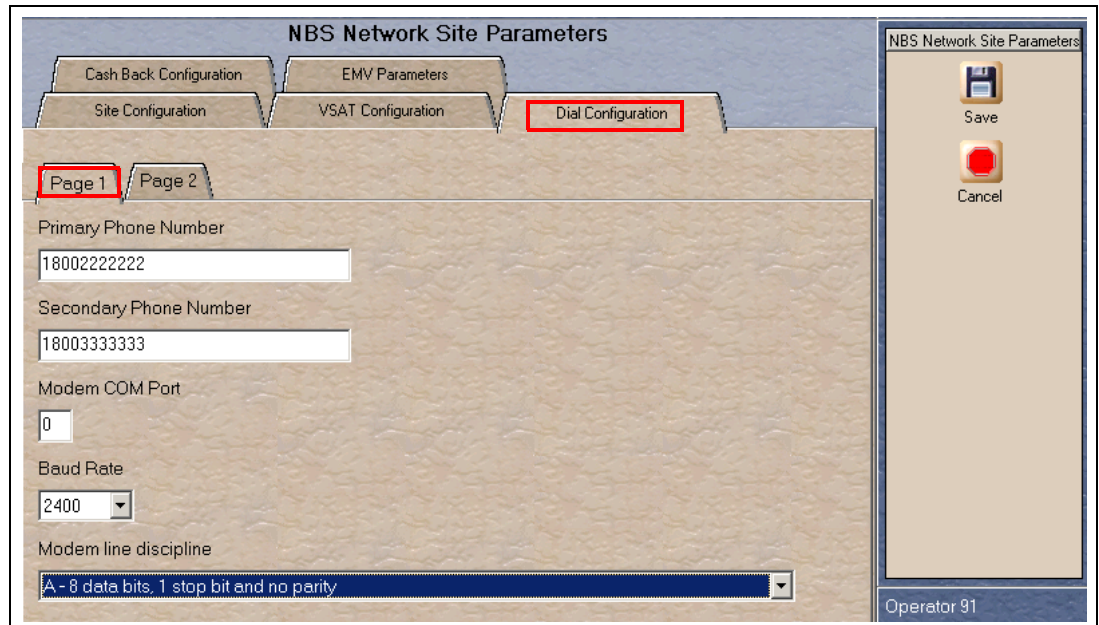
CENEX branded locations with the **PaySafe** device will use the default values above. To connect the Passport RV042 Router to the store's **PaySafe** device, use an Ethernet® cable between the WAN Port of the RV042 Router and Port 1 on the PaySafe device.

See "ControlScan Installer Configuration Guide Passport to NBS" as required at the beginning of this document.

After completing all fields on the **VSAT Configuration** tab, proceed to step 11 on [page 14](#).

- If the Connection type field on the **Site Configuration > Page 2** tab is set to Dial, select the **Dial Configuration > Page 1** tab.

**Figure 7: Dial Configuration - Page 1 Tab**



The following table lists the fields on the Dial Configuration - Page 1 tab:

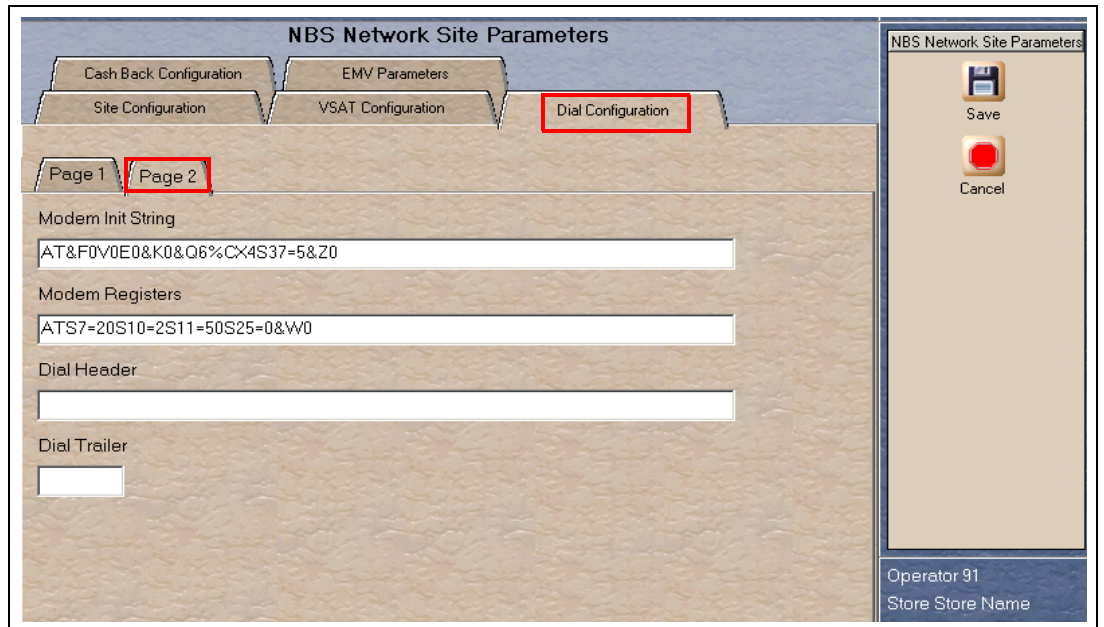
Field	Description
Primary Phone Number	The phone number of the primary NBS processor used for this store.
Secondary Phone Number	The phone number of the secondary NBS processor used for this store.
Modem COM Port	The Serial Port used to connect to the modem. Default port is COM 7.
Baud Rate	The baud rate used to communicate with the modem. Drop down menu field with available selections of: 1200 2400 Default value is 2400.
Modem line discipline	Options are: <ul style="list-style-type: none"> <li>A = 8 data bits, 1 stop bit, no parity</li> <li>B = 7 data bits, 1 stop bit, even parity</li> </ul>

## CAUTION

Digital Subscriber Line (DSL) Modem connects directly to the Passport router. Connection provided by Datawire and Abierto, is not supported. These devices must be connected to a Serial Port on the Passport system and configured using the Dial Configuration tab. Failure to follow this instruction may result in loss of client communications or other adverse connectivity issues. For information on the appropriate cabling and data communication settings, contact the manufacturer of your DSL device. Do not connect this device to the Internet port on the Passport router.

10 After completing all fields on the **Page 1** tab, select the **Page 2** tab.

**Figure 8: Dial Configuration - Page 2 Tab**



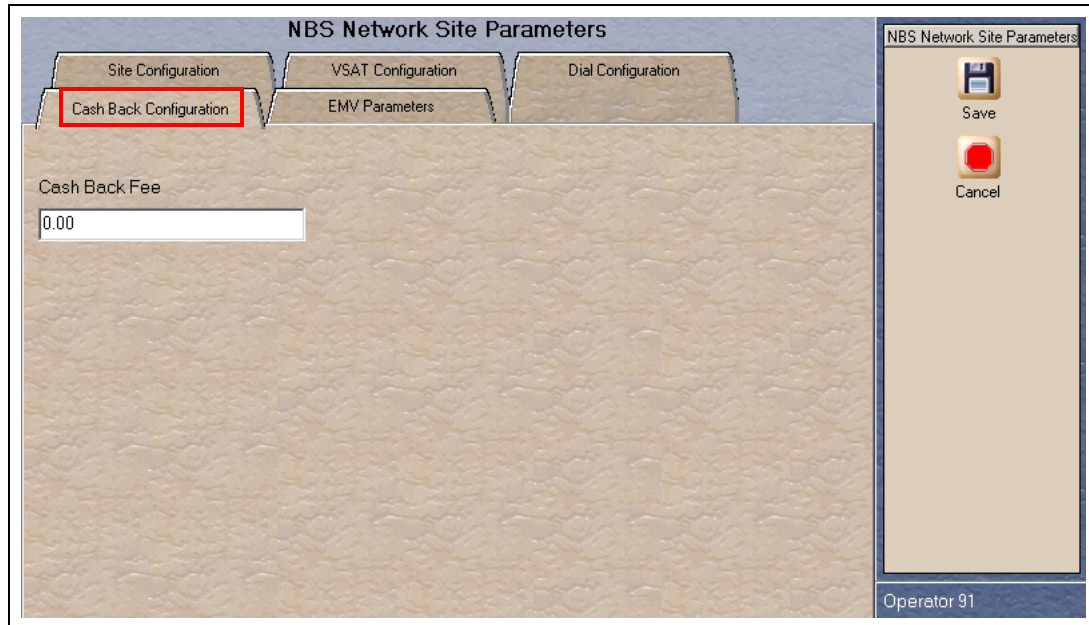
The following table lists the fields on the Dial Configuration - Page 2 tab:

Field	Description
Modem Init String	The modem commands used to initialize the modem each connection. <i>Note: The modem string shown for initialization in Figure 8 is for the MultiTech® 56K V.90 modem device supplied with the Passport system. Gilbarco does not support strings for any other modem.</i>
Modem Registers	The register string used to specify other modem commands after the initialization string. <i>Note: The modem string shown for initialization in Figure 8 is for the MultiTech 56K V.90 modem device supplied with the Passport system. Gilbarco does not support strings for any other modem.</i>
Dial Header	Information that must be dialed before the phone number, which may include a code used to access an outside line.
Dial Trailer	Any information that must be dialed after the phone number.



- 11 Select the **Cash Back Configuration** tab.

**Figure 9: Cash Back Configuration Tab**

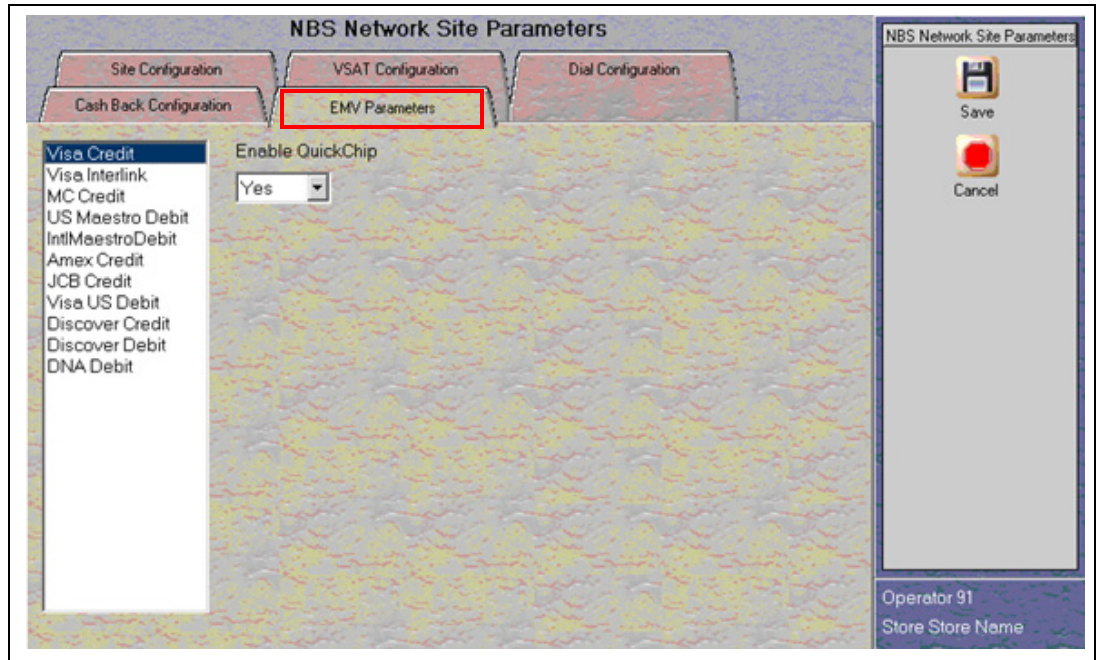


The following table lists the fields on the Cash Back Configuration tab:

Field	Description
Cash Back Fee	Fee that the store charges the customer for Cash Back in a transaction. Default is \$0.00.

- After completing the Cash Back Configuration tab, select the **EMV Parameters** tab.

**Figure 10: EMV Parameters Tab**



For each AID listed, select whether to enable QuickChip. Select “YES” or “NO” in Enable QuickChip drop-down list.

The following table lists the fields on the EMV Parameters tab:

Field	Description
Enable QuickChip	<p>If set to Yes, Passport obtains all necessary EMV data from the chip card before the transaction starts by notifying the chip card that the network is unavailable. As a result, the PIN pad prompts the customer to remove the chip card a few seconds before completing the transaction with the chip card issuer.</p> <p>If set to No, Passport performs EMV transactions without the shortcut of QuickChip processing. The PIN pad prompts the customer to remove the chip card after completing the transaction with the chip card issuer.</p> <p>Defaults to No.</p>

- After completing the actions on the **EMV Parameters** tab, select **Save** to save all programming and exit the **Network Site Configuration**.

# Accepting Magnetic Stripe Contactless Inside

Passport can be configured to accept tap for mag stripe contactless cards on VeriFone and Ingenico PIN pads. To allow contactless mag stripe taps at the PIN pad, proceed as follows:

- 1 Go to **MWS > Set Up > Register > Register Set Up**.
- 2 Select the register where the PIN pad is located.
- 3 In the **Device Configuration** section, check the checkbox next to Contactless.
- 4 Select **Save** to save the configuration and exit.

**Figure 11: Register Set Up -Device Configuration**

The screenshot shows the 'Register Set Up - Device Configuration' window for 'Register 1'. The 'Device Configuration' section includes the following fields and options:

- Line Display: POS Line Display
- PIN Pad Type: Verifone MX 915
- Connection: TCP/IP
- IP Address: 10.28.120.146
- Electronic Signature:
- Forward Outside Trans:
- GVR Met Reader:
- Contactless:  (highlighted with a red box)
- EMV Capable:

The right-hand side of the window features a 'Register Set Up' panel with 'Save' and 'Cancel' buttons. At the bottom right, it displays 'Operator 91' and 'Store Store Name'.

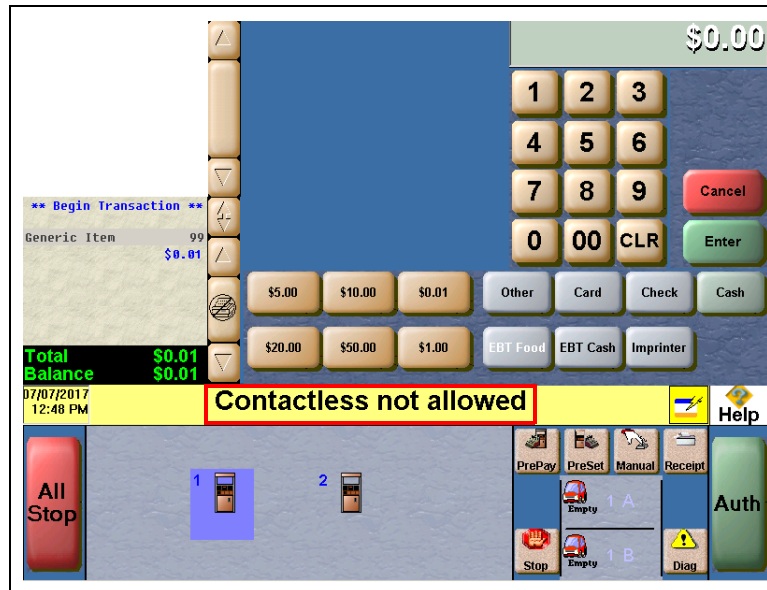
## IMPORTANT INFORMATION

The NBS network does not yet support Contactless EMV cards. The Contactless field only affects magnetic stripe contactless tap.

If the customer attempts to present a contactless EMV card, Passport will try to process the card as a magstripe contactless, if not success, Passport declines the transaction with the error message, “**Contactless not allowed**” on the CWS yellow bar and a “**Declined**” message in the PIN Pad.



Figure 12: CWS Message when tapping a Contactless EMV Card

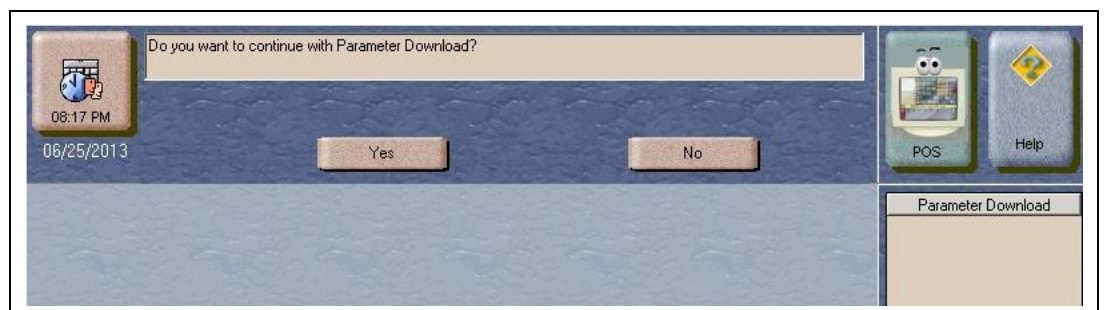


## Requesting Card Configuration Download

To request a parameter download of all cards that can be authorized at a store, proceed as follows:

- 1 From the NBS Network menu screen, select **Card Configuration Download**.
- 2 The Passport system prompts, “Do you want to continue with Parameter Download?”

Figure 13: Card Configuration Download Screen



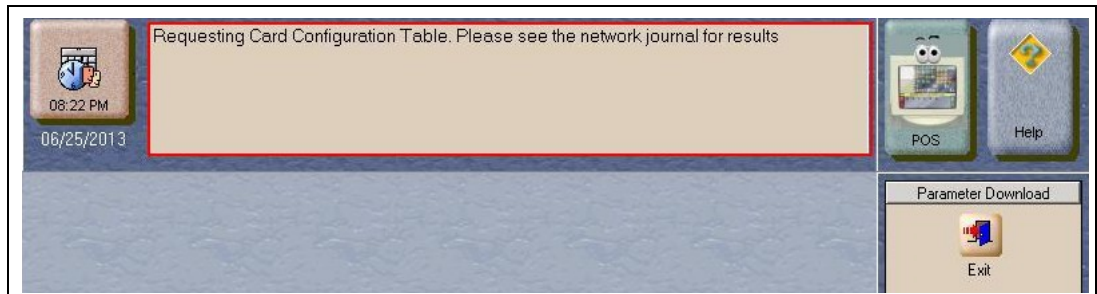
- If you select **No**, the system returns to the Network menu screen.
- If you select **Yes**, the system requests a Card Configuration Table from the NBS network.

### IMPORTANT INFORMATION

A site cannot accept electronic forms of payment without successfully receiving a Card Configuration Table from the NBS network.

- 3 After the Passport system begins acquiring a Card Configuration Table, it provides information on the success of the download in the MWS message bar.

**Figure 14: Requesting Card Configuration Table**



- 4 The Passport system connects to the NBS network and requests the download in the background.

If a Card Configuration Table download request fails, the message bar on the CWS displays an error message indicating the cause of failure. During a download request, the CWS Network Status icon displays a green NW LOW indicator. After a successful download, the NW LOW indicator disappears. In case of failure, the CWS displays MW MED. Network status displays for one minute after a download. Clicking the NW MED indicator causes the Network Status screen to open with the cause for the failure. If the download request fails, the Parameter Download software service stops and the Passport system continues to use any pre-existing Card Configuration tables.

After the Passport system successfully obtains a parameter download from the NBS network, the Passport system validates the file. If validation fails, the Passport system continues to use any pre-existing Card Configuration tables. In this case, the CWS Network Status indicator displays NW MED and the Network Status screen displays an error message indicating the cause for failure.

When the Card Configuration Download is complete, the Passport system displays a series of messages on the CWS:

- Card Configuration Download Requested
- Card Configuration Request Successful
- New Card Configuration Activated

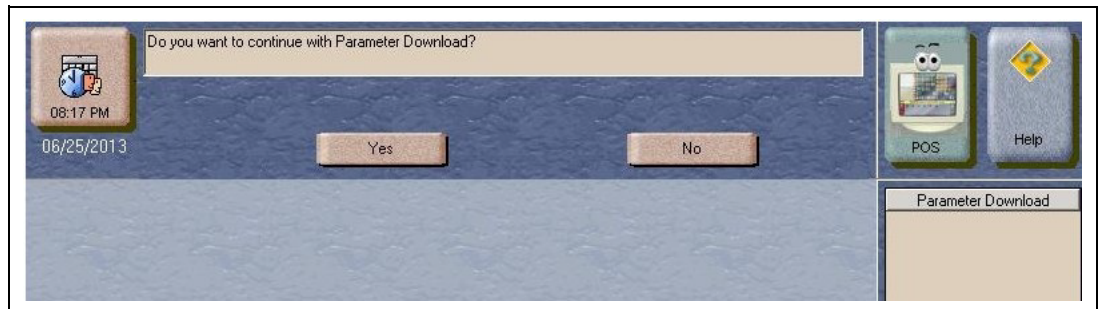
## Requesting EMV PDL Download

To request a parameter download of all EMV parameters that can be authorized at this store, proceed as follows:

- 1 From the NBS Network Menu screen, select **EMV PDL Download**.

The Passport system prompts, “Do you want to continue with Parameter Download?”

**Figure 15: EMV Parameter Download Screen**



- If you select **No**, the system returns to the Network menu screen.
- If you select **Yes**, the system requests a Card Configuration Table from the NBS network.

### IMPORTANT INFORMATION

A site cannot accept electronic forms of payment without successfully receiving a Card Configuration Table from the NBS network.

After the Passport system has started to acquire a Configuration Table, the Passport system provides information on successful download in the MWS message bar. The message “Requesting EMV configuration. Please see network journal for results” is displayed during the process.

## Network Reports

In the default installation, no network reports are configured to print at Shift or Store Close. Review the reports and select those appropriate for your store's operation. For information about the overall report setup, and to set the reports that must be printed during Shift or Store Close, refer to *MDE-5025 Passport V9+ System Reference Manual*.

The following table lists all the NBS network reports:

Report Name	Shift Close	Store Close	Current
NBS Card Configuration Report	-	X	X
NBS Card Conflict Report	-	-	X
NBS EMV Chip Certificate Authority Public Keys (CAPK) Report	-	-	X
NBS EMV Chip Configuration Report	-	-	X
NBS EMV/Chip Fallback report	-	-	X
NBS POS Transaction Statistics Report	-	-	X
NBS Prepaid/Loyalty Card Activity Report	-	X	X
NBS Sales Report by Day	-	X	X
NBS Sales Report by Shift	X	X	X
NBS Settlement Report	-	X	X
NBS Site Configuration Report	-	-	X
NBS Unpaid Transactions Report	-	X	X
Site Level Card Based Fuel Discounts	-	-	X

### IMPORTANT INFORMATION

For the NBS network, a Store Close must be performed periodically to close out the network batch. A Shift Close does not perform this function. If a network batch is not closed periodically, payment from the network may become slow and the Passport system may stop accepting network sales.

## NBS Card Configuration Report

The NBS Card Configuration Report provides information contained within the parameter table download. Information printed on this report applies only to the cards that are accepted for payment by the NBS network.

**Figure 16: NBS Card Configuration Report**

```

Version: 1

Card: American Express
NBS Card Code: BC
PAN Range High: 349999
PAN Range Low: 340000
PAN Length: 15
Mask Account: XXXXXXXXXXXX####
PAN Range High: 379999
PAN Range Low: 370000
PAN Length: 15
Mask Account: XXXXXXXXXXXX####
Track to send to the Host: 2 | 1 |
Expiration date format: YYMM
Expiration date Check: Yes

Card: Diners
NBS Card Code: BC
PAN Range High: 309999
PAN Range Low: 300000
PAN Length: 14
Mask Account: XXXXXXXXXXXX####
PAN Range High: 369999
    
```

## NBS Card Conflict Report

The Card Conflict Report provides the number of conflict instances within the current period. Conflicts can occur when a card configured for one network is processed by another network.

**Figure 17: NBS Card Conflict Report**

Card Conflicts		
PERIOD FROM 6/21/2013 6:04:56 AM TO 6/25/2013 8:59:50 AM		
Issuer Name - Processing Network	Issuer Name - Configured Network	Conflict Instances (current period)
MasterCard	Cenex	
Cenex	Mannatec	
MasterCard	Cenex	
Cenex	Mannatec	

## NBS EMV/Chip CAPK Report

This report is used to check and validate the CAPK that are loaded into Passport and/or EMV-capable PIN pad for all card brands/schemes that are supported by Passport and/or EMV-capable PIN pad.

**Figure 18: NBS EMV/Chip CAPK Report**

<b>EMV/CHIP CAPK Report</b>		Created: Nov 24, 2016 13:15
<b>Old Station</b>		
<b>Address</b>		
<b>City - ST - 3215444</b>		
<b>1111111111111111</b>		
<hr/>		
Card Brand Name:	VISA	
RID:	A000000003	
Index:	92	
Modulus:	996AF56F569187D09293C14810450ED8EE3357397B18A2458EFAA92DA3B6DF6514EC060195318FD43BE9B8F0CC669E3F844057CBDDF8BDA191BB64473BC8DC9A730DB8F6B4EDE3924186FFD9B8C7735789C23A36BA0B8AF65372EB57EA5D89E7D14E9C7B6B557460F10885DA16AC923F15AF3758F0F03EBD3C5C2C949CBA306DB44E6A2C076C5F67E281D7EF56785DC4D75945E491F01918800A9E2DC66F60080566CE0DAF8D117EAD46AD8E30A247C9F	
Exponent:	03	
Expiration Date:	2017-12-31	
<hr/>		
Card Brand Name:	VISA	
RID:	A000000003	
Index:	94	
Modulus:	ACD2B12302EE644F3F835ABD1FC7A6F62CCE48FFEC622AA8EF062BEF6FB8BA8BC68BBF6AB5870EED579BC3973E121303D34841A796D6DCBC41DBF9E52C4609795C0CCF7EE86FA1D5CB041071ED2C51D2202F63F1156C58A92D38BC60BDF424E1776E2BC9648078A03B36FB554375FC53D57C73F5160EA59F3AFC5398EC7B67758D65C9BFF7828B6B82D4BE124A416AB7301914311EA462C19F771F31B3B57336000DF732D3B83DE07052D730354D297BEC72871DCCF0E193F171ABA27EE464C6A97690943D59BDABB2A27EB71CEEBAFA1176046478FD62FEC452D5CA393296530AA3F41927ADFE434A2DF2AE3054F8840657A26E0FC617	
Exponent:	03	
Expiration Date:	2017-12-31	
<hr/>		
Card Brand Name:	VISA	

# NBS EMV/Chip Configuration Report

This report must identify all the EMV parameters required to be configured in Passport and/or EMV-enabled PIN pad for all card brands/schemes that are supported by Passport and/or EMV-enabled PIN pads.

There are two well differentiated sub-sections:

- Site level configuration parameters (at the beginning of the report)
- AID with its parameters (displaying contact and contactless parameters)

Figure 19: NBS EMV/Chip Configuration Report

EMV/CHIP Configuration Report		
Created: Jul 31, 2018 13:10		
NAME ADDRESS CITY: NC - 11111 CPI078444058761		
TID	EMV Retail Version	Application Version
SITE CONFIGURATION		
In-store parameters		
Terminal Type	22	
Terminal Country Code	840	
Transaction Currency Code	840	
Transaction Currency Exp	2	
Transaction Ref Currency Code	840	
Transaction Ref Currency Exp	2	
US Contactless Default	True	
Brand Not Present Fallback Enabled	True	
Fallback Enabled	True	
Out-of-store parameters		
Terminal Type	25	
Terminal Country Code	840	
Transaction Currency Code	840	
Transaction Currency Exp	2	
Transaction Ref Currency Code	840	
Transaction Ref Currency Exp	2	
US Contactless Default	True	
Brand Not Present Fallback Enabled	False	
Fallback Enabled	False	
AID: A0000000031010 Visa Credit		
In-store parameters		
Additional Terminal Capabilities	00000000	
Application Version	000C	
IBS Max Target Percentage	0	
IBS Target Percentage	0	
IBS Threshold	0	
Default IDOL	9F3704	
Default IDOL	9F3704	
Fallback Enabled	True	
AID Type	Credit	
PAN Entry Validation Enabled	True	
Partial Selection Enabled	True	
PIN Entry Steps Enabled	False	
Flow Limit	1	
TAC Default	DC-9000A00	
Page 1 of 17		
TAC Default: 001000000		
TAC Online: DC-9000A00		
Terminal Capabilities: E00C3		
Contactless Settings		
Application Version: 000C		
Default IDOL: 9F3704		
PAN Entry Validation Enabled: True		
CVM Limit: 0		
Transaction Limit: -0.01		
Terminal Flow Limit: 2		
TAC Default: DC-9000A00		
TAC Default: 001000000		
TAC Online: DC-9000A00		
Terminal Transaction Qualifiers: B020000		
Terminal Risk Management TQ: B000000		
In-store Terms Capabilities: E00C3		
Above Terms Capabilities: E00C3		
MSR Connection CVM Required Limit: 0		
QR/RF Tag: Enabled		
AID: A0000000031010 Visa Credit		
Out-of-store parameters		
Additional Terminal Capabilities	00000000	
Application Version	000C	
IBS Max Target Percentage	0	
IBS Target Percentage	0	
IBS Threshold	0	
Default IDOL	9F3704	
Default IDOL	9F3704	
Fallback Enabled	False	
AID Type	Credit	
PAN Entry Validation Enabled	True	
Partial Selection Enabled	True	
PIN Entry Steps Enabled	False	
Flow Limit	1	
TAC Default	DC-9000A00	
TAC Default	001000000	
TAC Online	DC-9000A00	
Terminal Capabilities	000C3	
Contactless Settings		
Application Version: 000C		
Default IDOL: 9F3704		
PAN Entry Validation Enabled: True		
CVM Limit: 0		
Transaction Limit: 100.00		
Terminal Flow Limit: 2		
TAC Default: DC-9000A00		
TAC Default: 001000000		
TAC Online: DC-9000A00		
Terminal Transaction Qualifiers: B020000		
Page 2 of 17		
Terminal Risk Management TQ: B000000		
In-store Terms Capabilities: E00C3		
Above Terms Capabilities: E00C3		
MSR Connection CVM Required Limit: 0		
QR/RF Tag: Disabled		
AID: A0000000031010 Visa Interlink		
Out-of-store parameters		
Additional Terminal Capabilities	00000000	
Application Version	000C	
IBS Max Target Percentage	0	
IBS Target Percentage	0	
IBS Threshold	0	

## NBS POS Transaction Statistics Report

This report is used to identify the manner in which all transactions, including EMV/Chip transactions, are being processed by Passport.

**Figure 20: NBS Prepaid/Loyalty Card Activity Report**

PERIOD FROM 7/27/2018 3:12:21 PM TO 8/1/2018 2:39:55 PM		
NAME		
ADDRESS		
CITY - NC - 11111		
GP1078444058701		
TOTAL INDOOR TRANSACTIONS: 3		
TOTAL OUTDOOR TRANSACTIONS: 2		
<b>INDOOR TRANSACTIONS</b>		
ENTRY MODE	TRANS	% OF TRANS
Manual	0	0
Swiped	2	66.67
MSD contactless	0	0
EMV contact	1	33.33
Swiped fallback	0	0
Manual fallback	0	0
EMV contactless	0	0
<b>OUTDOOR TRANSACTIONS</b>		
ENTRY MODE	TRANS	% OF TRANS
Manual	0	0
Swiped	2	100
MSD contactless	0	0
EMV contact	0	0
Swiped fallback	0	0
Manual fallback	0	0
EMV contactless	0	0
<b>PENPAD DETAIL</b>		
EMV card read failures	0	
PIN entry errors	0	
<b>CRND DETAIL</b>		
EMV card read failures	0	
PIN entry errors	0	
Batch Status: CLOSED		

The report lists the types of cards and entry methods being used:

- Manual
- Swiped
- MSD contactless
- EMV contact
- Swiped fallback
- Manual fallback
- EMV contactless

## NBS Prepaid/Loyalty Card Activity Report

The NBS Prepaid/Loyalty Card Activity Report provides settlement information on prepaid gift card and loyalty card transactions that come from the NBS network.

**Figure 21: NBS Prepaid/Loyalty Card Activity Report**

NBS Prepaid/Loyalty Card Activity		
PERIOD FROM 12/26/2016 6:19:07 AM TO 1/3/2017 12:48:03 PM		
Action	Count	Total
Activations	11	220.00
Recharges	0	0.00
Enrollments	2	0.00



## NBS Site Configuration Report

The NBS Site Configuration Report provides information that is configured and stored within the Passport system through the NBS Network Configuration menu, to allow connection to the NBS network.

*Note: It is recommended that the store print this report and keep it in a safe place in case of catastrophic system failure or other circumstances that would require reconfiguration.*

**Figure 22: NBS Site Configuration Report**

<b>Site Information:</b>	
Terminal ID:	1111111111111111
Site Name:	Old Station
Street Address:	Address
City :	City
State :	ST
Zip Code:	3215444
Configuration Name:	CHSGP01
Cash Back Fee:	0
US Debit Preferred:	YES
<b>Global Options:</b>	
Host Connection Type:	VSAT
ACK Timeout (ms):	5000
Response Timeout (ms):	35000
Days To Keep:	30
<b>TCP/IP Parameters:</b>	
Primary IP Address:	10.5.48.6
Primary Port Number:	5003
Secondary IP Address:	10.5.48.6
Secondary Port Number:	5003
Use TLS:	NO
<b>Dial Parameters:</b>	
Primary Phone Number:	18002222222
Secondary Phone Number:	18003333333
Com Port:	0
Baud Rate:	2400
Modem Init String:	AT&F0V0E0&K0&Q0%CX4S37=5&Z0
Modem Registers:	ATS7=20S10=2S11=50S25=0&W0
Modem Line Discipline:	A - 8 data bits, 1stop bit and no parity
Dial Header:	
Dial Trailer:	

## Network Sales Report by Day (Shift)

The Passport system assigns a unique transaction number to each transaction it sends to the NBS network for processing. The Network Sales Reports include detailed information for each sale and refund transaction for that day or shift. Each transaction entry includes products, PPU, and total transaction amount. The entries in the report are sorted in ascending order by transaction number.

If a refund transaction is associated with a valid original sale invoice number, the refund transaction number field contains the original sale invoice number. If the refund transaction is not associated with a valid original sale invoice number, the Refund Transaction number field is blank, indicating the transaction was a general refund.

*Note: This report does not include voided or declined sales.*

To protect sensitive customer data, all but the last four digits of the card account number are masked on the report. If no NBS network transactions are run within a specific reporting shift or day, the report shows zeros for all totals.

*Note: The Network Sales Report By Shift uses the same format as the Network Sales Report By Day.*

**Figure 23: Network Sales by Day**

<b>Network Sales By Day</b>				
PERIOD FROM 12/26/2016 6:19:07 AM TO 1/3/2017 12:48:03 PM				
Trans #	Date/Time	Card #	Trans Refunded #	Trans Total
10004	2016-12-26 12:36:37	XXXXXXXXXXXX0267		\$0.01
	<u>P.Code</u>	<u>Description</u>	<u>Quantity</u>	<u>PPU</u>
	400	Generic Item	1	\$0.010
				<u>Amount</u>
				\$0.01
10014	2016-12-30 07:27:04	XXXXXXXXXXXX3337		\$1.00
	<u>P.Code</u>	<u>Description</u>	<u>Quantity</u>	<u>PPU</u>
	400	Generic Item	1	\$1.000
				<u>Amount</u>
				\$1.00
10024	2016-12-31 12:43:24	XXXXXXXXXXXX0012		\$2.00
	<u>P.Code</u>	<u>Description</u>	<u>Quantity</u>	<u>PPU</u>
	400	Generic Item	1	\$2.000
				<u>Amount</u>
				\$2.00
10025	2016-12-31 12:45:10	XXXXXXXXXXXX0012		\$0.01
	<u>P.Code</u>	<u>Description</u>	<u>Quantity</u>	<u>PPU</u>
	400	Generic Item	1	\$0.010
				<u>Amount</u>
				\$0.01
10026	2016-12-31 12:46:32	XXXXXXXXXXXX0012		\$0.01
	<u>P.Code</u>	<u>Description</u>	<u>Quantity</u>	<u>PPU</u>
	400	Generic Item	1	\$0.010
				<u>Amount</u>
				\$0.01

## Settlement Report

The Settlement Report provides a comparison of local and network totals for sales and refunds of each card type for a particular period. The bottom of the report indicates whether the local and network totals are “Balanced” or “Out of Balance”. The store manager can use this report to verify whether the Passport system and NBS network totals agree.

**Figure 24: Settlement Report**

<b>Settlement</b>					
PERIOD FROM 12/26/2016 6:19:07 AM TO 1/3/2017 12:48:05 PM					
	Number	Site	Total	Host	Total
American Express Diners Discover	127		\$6,644.05	127	\$6,644.05
Card JCB UnionPay Visa MasterCard					
Sales	124		\$6,528.05	124	\$6,528.05
Refund	0		\$0.00	0	\$0.00
Card decline after host approval	2		\$89.00	2	\$89.00
Card pre-decline (report to host)	1		\$27.00	1	\$27.00
Debit					
Sales	2		\$0.02	2	\$0.02
Refund	0		\$0.00	0	\$0.00
MasterCard Fleet					
Sales	0		\$0.00	0	\$0.00
Refund	0		\$0.00	0	\$0.00
MasterCard (Corporate)					
Sales	1		\$10.00	1	\$10.00
Refund	0		\$0.00	0	\$0.00
Card pre-decline (report to host)	0		\$0.00	0	\$0.00
Card pre-decline (report to host)	1		\$10.00	1	\$10.00
Visa Fleet					
Sales	0		\$0.00	0	\$0.00
Refund	0		\$0.00	0	\$0.00
Visa (Corporate)					
Sales	6		\$858.00	6	\$858.00
Refund	0		\$0.00	0	\$0.00
Card pre-decline (report to host)	0		\$0.00	0	\$0.00
Card pre-decline (report to host)	6		\$858.00	6	\$858.00
All EBT					
Sales	0		\$0.00	0	\$0.00
Refund	0		\$0.00	0	\$0.00
All Debit					
Sales	2		\$0.02	2	\$0.02
Refund	0		\$0.00	0	\$0.00
All Credit					
Sales	134		\$7,512.05	134	\$7,512.05
Refund	124		\$6,528.05	124	\$6,528.05
Card decline after host approval	0		\$0.00	0	\$0.00
Card decline after host approval	2		\$89.00	2	\$89.00
Card pre-decline (report to host)	8		\$895.00	8	\$895.00

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Settlement Status: **BALANCED**

## Unpaid Transactions Report

The Unpaid Transactions Report provides information on transactions that result in a declined or unsettled completion or transactions that are authorized but later declined by the NBS network. The Passport system attempts to obtain a response from the NBS network for offline completions until a response is received or a Store Close is performed.

**Figure 25: Unpaid Transactions Report**

<b>Unpaid Transactions</b>				
PERIOD FROM 12/26/2016 6:19:07 AM TO 1/3/2017 12:48:03 PM				
Date/Time	Account Number	Sales Type	Total	Transaction #
2017-01-03 08:04:46	XXXXXXXXXXXX1005	Inside-	\$42.00	10145
2017-01-03 09:39:50	XXXXXXXXXXXX1005	Inside-	\$49.00	10152
2017-01-03 09:41:46	XXXXXXXXXXXX2513	Inside-	\$50.00	10153

## Site Level Card Based Fuel Discounts

This report provides information on the fuel discounts by card type configured by going to **MWS > Set Up > Network Menu > NBS > Fuel Discount Configuration**. It lists each card type the network accepts, and the Fuel Discount Group assigned to the card type, or NONE if the card type has no discount configured.

**Figure 26: Site Level Card Based Fuel Discounts**

<b>Site Level Card Based Fuel Discounts</b>	
Report created: 01/02/2017 12:18:23 PM	
Card Record	Discount Group
American Express	NONE
Carte Blanche	NONE
Cenex	NONE
Cenex Gift Card	NONE
Debit	NONE
Diners Club	NONE
Discover/Novus	NONE
Fleet One	NONE
Fuel Man	NONE
GasCard	NONE
JCB	NONE
MasterCard	NONE
MasterCard Fleet	NONE
Sinclair Fleet	NONE
Visa	NONE
Visa Fleet	NONE
Voyager	NONE
Wright Express	NONE

# Network Journal Report

The Network Journal Report provides information on NBS network transactions.

The following transaction types are recorded in the Network Journal Report:

- Credit Sales
- Debit Sales
- EBT Sales
- Prepaid Card Activations
- Prepaid Card Recharges
- Prepaid Card Declines (when the NBS network sends the decline code)
- Card Configuration Download Tracking
- EMV Download Tracking
- EMV Transaction detail

The Network Journal Report indicates Shift and Day Close status. It also provides reporting on network communications, such as approval and denial for all services.

The Network Journal Report is available by navigating to **MWS > Reports > Journal Reports > Network Journal Report**. The Network Journal Report User Interface allows the user to configure parameters, such as date and time, exceptions, source of the transactions, type of transaction, and sorting order. The store manager can use the Network Journal Report as an aid for identifying disputed transactions.

**Figure 27: Network Journal Report Screen**

The screenshot displays the 'Network Journal Report' application window. It is divided into several functional areas:

- Date/Time:** Includes a radio button for 'Current Date' (set to 12/02/2016) and a 'Select' option. The 'Select' option includes date and time pickers for start and end times, and a calendar for the month of December 2016.
- Exception Flag:** Includes radio buttons for 'Exception', 'Transaction', and 'All'.
- Journal Text:** Includes a text input field and a 'Clear' button.
- Source ID (Register \ CRIND \ Other):** Includes radio buttons for 'All' and 'Select', and a list box showing 'OtherSource', 'Register # 1', and 'Register # 2'.
- Journal Type:** Includes radio buttons for 'All' and 'Select', and a list box showing 'EMV Conf Download', 'Download Configuration', 'Approved Transactions', 'EMV Transaction Details', 'Batch Settlement', 'Period Close', and 'Declined Transactions'.
- Sort By:** Includes a dropdown menu set to 'Timestamp' and radio buttons for 'Ascending' and 'Descending'.
- Right Panel:** Includes icons for 'Print Preview', 'Print', and 'Exit'.
- Bottom Right:** Shows 'Operator 91'.

Figure 28: Network Journal

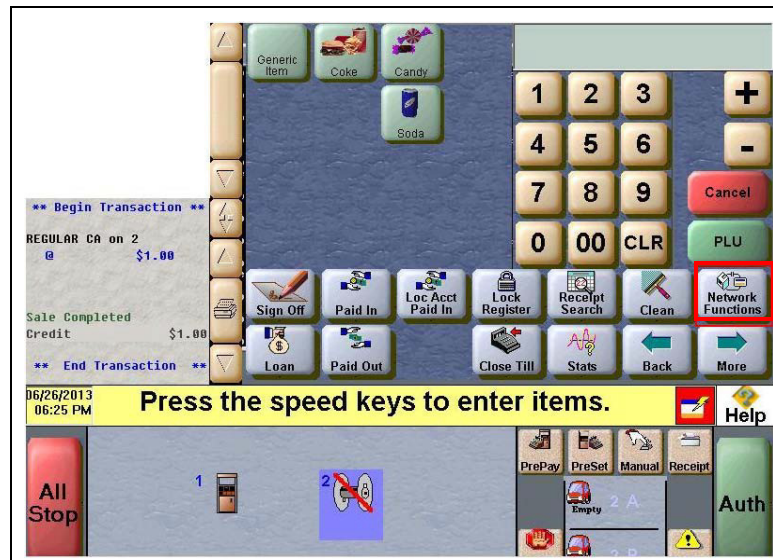
Network Journal Report					
<b>Store Name</b>		STORE # 299			
OPERATOR NAME Area Manager OPERATOR ID 91 SOFTWARE VERSION 11.02.32.02_DB161118 NBS REPORT PRINTED 11/24/2016 1:22:09PM					
<b>DATE:</b> 11/22/2016 10:55AM TO 11/24/2016 10:02PM <b>SOURCE:</b> All <b>JOURNAL TYPE:</b> EMV Conf Download OR EMV Transaction Details <b>EXCEPTION:</b> All <b>SEARCH STRING:</b> <b>SORT BY:</b> Time					
TIME	SOURCE	TYPE	EXC	NETWORK	JOURNAL TEXT
2016/11/22 10:55:13	Other	EMVConfDownload	No	NBS	11/22/16 10:55:16 - EMV download initiated
2016/11/22 10:55:16	Other	EMVConfDownload	Yes	NBS	11/22/16 10:55:19 - EMVkeys download failed. Retrying in 5 mins
2016/11/22 12:24:56	Other	EMVConfDownload	No	NBS	11/22/16 12:24:59 - EMV configuration download successful
2016/11/22 12:24:57	Other	EMVConfDownload	No	NBS	11/22/16 12:24:59 - EMV download finished
2016/11/22 12:48:25	Reg # 2	EMVTransactionDetails	No	NBS	11/22/16 12:48:28 - INVOICE: 10001; BatchId: 1; Card Tag Data - AID(4F): A0000000980840; APPLICATION LABEL(50): US DEBIT; APPLICATION PAN(5A): 476173XXXXXX0176; APP PAN SEQ. NUM(\$F34): 03;
2016/11/22 12:48:25	Reg # 2	EMVTransactionDetails	No	NBS	11/22/16 12:48:28 - INVOICE: 10001; BatchId: 1; First AC - 82: 1800; 84: A0000000980840; 95: 80C0048000; 9A: 161122; 9C: 00; SF1A: 0840; SF34: 03; SF02: 000000001200; SF03: 000000000000; SF09: 0001; SF10: 06010A03A00000; SF1A: 0840; SF1E: 38363939393939393939; SF26: 8853063B14BC06DF; SF27: 80; SF33: E068C8; SF34: 420000; SF35: 22; SF36: 0004; SF37: D9A54F39; SF39: 05; SF41: 00000003; 9E: 6800; SF0D: FC50AC8800; SF0E: 0000000000; SF0F: FC70BC9800; 5A: 476173XXXXXX0176; TAC DENIAL: 0000000000; TAC ONLINE: FFFFFFFFFF; TAC DEFAULT: FFFFFFFFFF;
2016/11/22 12:48:25	Reg # 2	EMVTransactionDetails	No	NBS	11/22/16 12:48:28 - INVOICE: 10001; BatchId: 1; Host Tag Data - 8A: 3030;
2016/11/22 12:49:10	Reg # 2	EMVTransactionDetails	No	NBS	11/22/16 12:49:13 - INVOICE: 10002; BatchId: 1; Card Tag Data - AID(4F): A0000000033010; APPLICATION LABEL(50): VISA INTERLINK; APPLICATION PAN(5A): 476173XXXXXX0010; APP PAN SEQ. NUM(\$F34): 01;

# CWS Network Functions

To access the CWS Network Functions, proceed as follows:

- 1 From the CWS idle screen, select **More** until the Network Functions button is displayed.  
~ OR ~  
Select **Network Status**. The Network Functions screen opens.

**Figure 29: More > Network Functions**



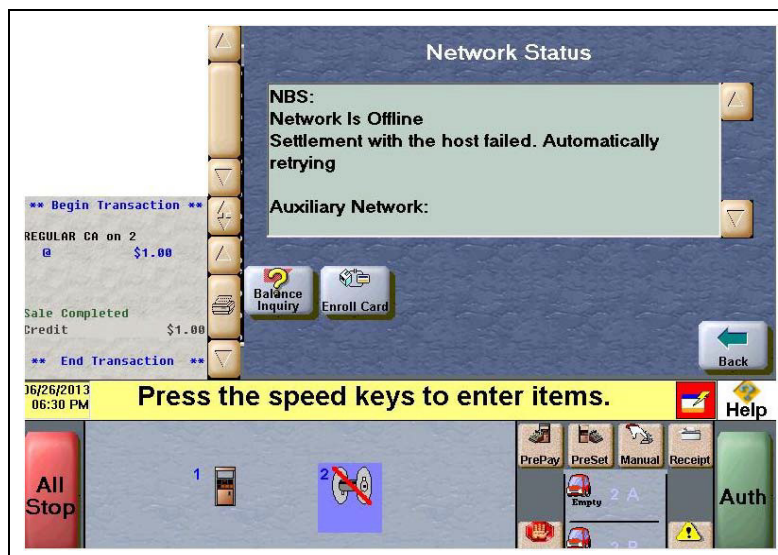
**Figure 30: CWS Network Status**





With either of the actions, the Network Status screen opens.

**Figure 31: Network Status Screen**



The Network Status screen provides information on all networks connected to the Passport system.

## Checking Network Status

The Network Status screen allows you to view a record of network events such as communication errors. Each network event is assigned a severity rating (low, medium, or high). The network status is updated every time a new event is added to the list. The color of the Network Status button indicates the severity of the event:

Color	Severity
Green	Low
Yellow	Medium
Red	High

If multiple events occur, the color of the Network Status button indicates the highest severity rating of the events. The Network Status button color changes when an event is corrected or after a predetermined time.

The following table describes the Network Functions buttons and their behavior:

Button	Behavior
Balance Inquiry	When you select this button, the Passport system prompts the user to swipe the customer's Cash Card. After the service runs successfully, the Passport system displays the customer balance. <i>Note: This function is applicable to Cash Cards only.</i>
Enroll Card	When you select this button, the Passport system guides the cashier through the process of enrolling a card in the NBS Loyalty program.



## Appendix A: Cenex Fuel Product Codes

The following table lists the Cenex Fuel Product Codes to be used in the Passport system. To associate the correct product code with a specific fuel grade, click **Assign Network Codes** in **MWS > Set Up > Forecourt > Forecourt Installation**.

For stores other than Cenex, coordinate with NBS directly to determine if special programming is required.

Fuel Grade	PCATS Product Code	Comments
Unlead 87	001	-
Unlead 88-89	002	-
Unles 90-91	003	-
Unlead 92/above	004	-
Ethl 5.7% 87/88	011	California product
Ethl 5.7% 89/90	012	Currently inactive
Ethl 5.7% 91/92	013	-
Ethl 7.7% 87/88	014	-
Ethl 7.7% 89/90	015	-
Ethl 7.7% 91/92	041	-
Ethl 10% 87/88	042	-
Ethl 10% 89/90	043	-
Ethl 10% 91/92	044	-
M85	025	-
E85	026	-
Unld Refm 87/88	027	-
Unld Refm 89/90	028	-
Unld Refm 91/92	029	-
Misc Auto Fuel	099	-
Diesel # 1	019	-
Diesel # 2	020	-
Diesel Premium	021	-
Diesel B2	045	-
Diesel B5	046	-
Diesel B10	047	-
Diesel B20	050	-
ULS Diesel # 2	079	-
ULS Diesel B2	080	-
ULS Diesel B5	081	-
ULS Diesel B10	082	-
ULS Diesel B20	083	-
Diesl #1 No Tax	032	-
Diesl #2 No Tax	033	-
Diesl Prm No Tax	034	-
Diesel B2 N/Tax	074	-

## Appendix A: Cenex Fuel Product Codes

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<b>Fuel Grade</b>	<b>PCATS Product Code</b>	<b>Comments</b>
Diesel B5 N/Tax	075	-
Diesel B10 N/Tax	078	-
Diesel B20 N/Tax	076	-
ULS Diesel B2 N/Tax	084	-
ULS Diesel B5 N/Tax	085	-
ULS Diesel B10 N/Tax	086	-
ULS Diesel B20 N/Tax	087	-
Flexfuel Ethnl	088	-
Othr ful No Tax	035	-
Cmpr naturl Gas	022	-
LPG motorFuel	023	-
Liquid Nat Gas	024	Currently inactive
Kerosene	300	-

## Appendix B: Upgrading to Passport V11.04

This section provides NBS-specific information to the ASC for upgrading from Passport V10P or V10Q or V11.02 to V11.04. Some steps apply only if upgrading from V8.02. These are clearly identified.

<b>IMPORTANT INFORMATION</b>
<p>Upgrades to NBS V11.04 are supported only for locations running:</p> <ul style="list-style-type: none"> <li>• NBS V8.02 with Service Pack W and later</li> <li style="text-align: center;">~OR~</li> <li>• NBS V10 with Service Pack P or Q</li> <li>• NBS Passport V11.02 with Service Pack G, Service Pack J with JMP2 or later</li> </ul> <p>If the Passport system is installed with an earlier version or service pack, then you must first upgrade to one of these minimum versions before upgrading to NBS V11.02, or perform a clean install.</p>

### Before beginning the upgrade, the ASC must perform the following:

- Please do not to replace or add a PIN pad until after the upgrade completes. Refer to “[After the upgrade, the ASC must perform the following:](#)” on [page 36](#) for instructions in case of specific PIN pad models.
- Ensure that all dispenser software and firmware meet applicable requirements to support loyalty and other fuel discounting functionality (including support of \$0.000 PPU).
- Print the **Network Configuration Report**. This will be helpful if a clean install is required and to confirm all network settings (including Host Connection Type and other parameters in Global Information).

#### If upgrading from V8.02

- Print the Fuel Discount Configuration report if the **MWS > Fuel > Fuel Discount Maintenance > Fuel Discounts by Card Type** tab is configured. This report will aid in reconfiguring Fuel Discounts by Card Type using Fuel Discount Groups in **MWS > Fuel > Fuel Discount Maintenance** and Fuel Discount Groups in **MWS > Set Up > Network Menu > NBS**.
  - If a Generic Loyalty Provider is configured in **MWS > Set Up > Store > Loyalty Interface**, the ASC must advise the manager that during the upgrade, all historical Loyalty sales data will be lost and Loyalty period reports must be printed before the upgrade begins.
- Perform Store Close and ensure that all network transactions have completed. Call NBS Help Desk at 1-800-827-4634 in order to verify that the period was closed successfully.
  - Assist the merchant or store manager to print all additional accounts and network reports which are required.
  - Ensure that all file transfers from Passport to the BOS have completed.

## After the upgrade, the ASC must perform the following:

- Enable EMV in MWS with at least one PIN pad set to “EMVCapable”.
- Request a Card Download by going to **MWS > Set Up > Network Menu > NBS > PDL Download**. For more information on requesting PDL Download, refer to “[Requesting Card Configuration Download](#)” on [page 17](#).
- Request a EMV PDL Download by going to **MWS > Set Up > Network Menu > NBS > EMV PDL Download**. For more information on requesting EMV PDL Download, refer to “[Requesting EMV PDL Download](#)” on [page 19](#).
- Review the parameters on **MWS > Set Up > Network Menu > NBS > Site Configuration > EMV Parameters** tab with the store owner or store manager. Advise the store owner or manager to contact NBS Help Desk to discuss the financial implications and suggested settings on this screen.
- If installing a VeriFone MX915 or Ingenico iSC250/iPP320 PIN Pad after the upgrade, ensure that the EMV Capable field is selected in **MWS > Set Up > Register > Register Set Up > Device Configuration**.

### If upgrading from V8.02

- Assist the manager in renaming Fuel Discount Groups and reconfiguring Fuel Discounting by Card Type in **MWS > Set Up > Network Menu > NBS** based on the Fuel Discount Maintenance report printed before the upgrade began.
- Assist the manager in activating the Multiple Loyalty Interface feature, if applicable.
- Print a new Site Level Card Based Fuel Discounts Report. If some card types no longer have their fuel discount or if the manager wishes to target new card types with fuel discounts, go to **MWS > Set Up > Network > NBS > Fuel Discount Configuration** and update the fuel discounts accordingly.
- Select **Save** to save the changes to the Passport database and exit.

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