

Technical Bulletin

ISS45 Blackhawk Setup with 8.1.1.0

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March 15, 2006

The attached document describes the setup of ISS45's 8.1.1.0 gift card handling features to operate in conjunction with the Blackhawk gift card system. This includes the "Barcode Programming" configuration with vendor gift cards, PLUs, software keys and the WinEPS system.

Note — see **update in red on Page 3** in this Issue 2 regarding leading zeros and barcode length.

To Your Success,



Antony van Seventer

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HOW TO SET UP EAN 128 GIFT CARDS IN ISS45 TO WORK WITH BLACKHAWK

Vendor Gift Cards come in various forms and from a variety of vendors. The EAN 128 barcode is 30 digits long and consists of an 11-digit PLU number and a 19-digit Account Number. Depending on the vendor, this 30 digit number may be printed on the gift card itself which makes it simpler to determine the PLU number (see the Best Buy gift card below) as it will be the first 11 digits of the 30 digit barcode.

- Purchases deducted from Gift Card until balance reaches zero • Reload Card at any U.S. Best Buy retail location • Check Gift Card balance at any U.S. Best Buy retail location or call 1-888-716-7994. *Must have Card number available* • Call 1-888-BEST BUY (1-888-237-8289) for a location nearest you • Receipt will show remaining balance • No expiration date
- Terms and Conditions subject to change without notice • This Card is issued by Best Buy

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Cards cannot be accepted until activated • Redeemable in any U.S. Best Buy retail location for merchandise or services only • Not redeemable for cash • Lost, stolen or damaged Cards replaced only with valid proof of purchase to extent of remaining Card balance • Not a credit or debit card • Not valid as payment on Best Buy credit card



076750014150000379031903422499

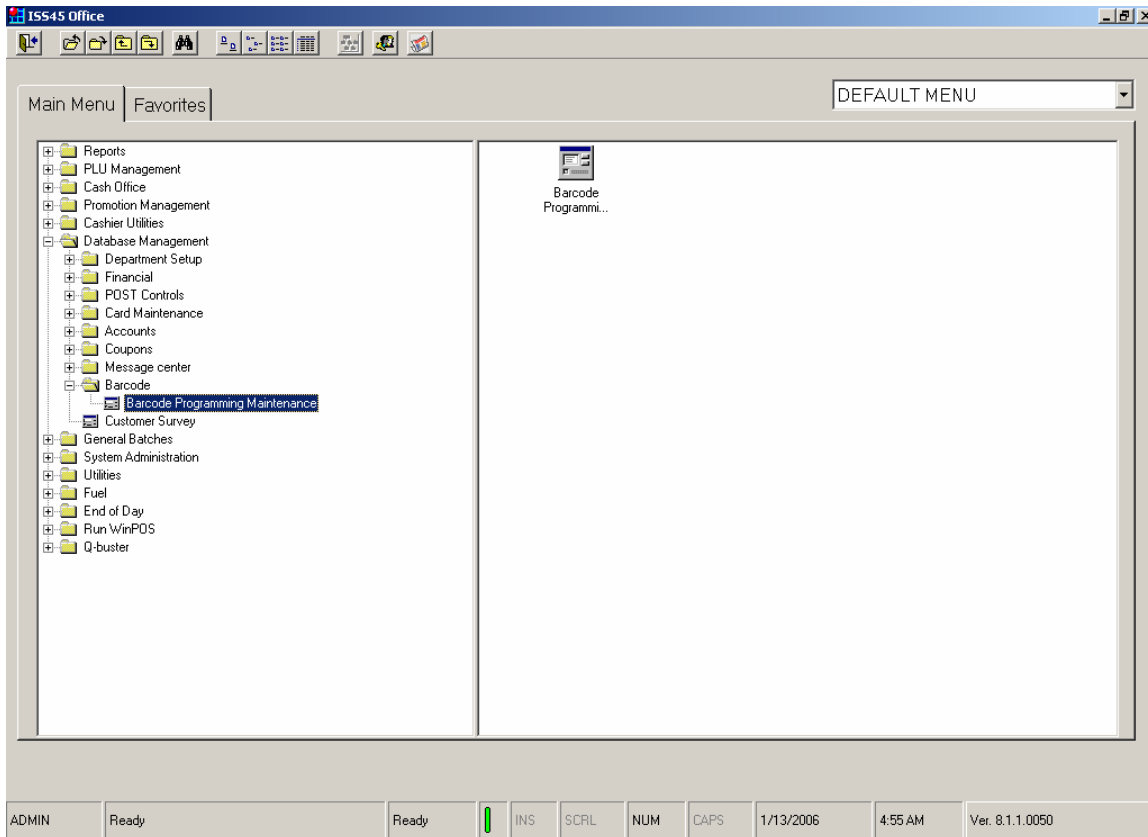
PLU Number
(11 Digits)

Account Number
(19 Digits)

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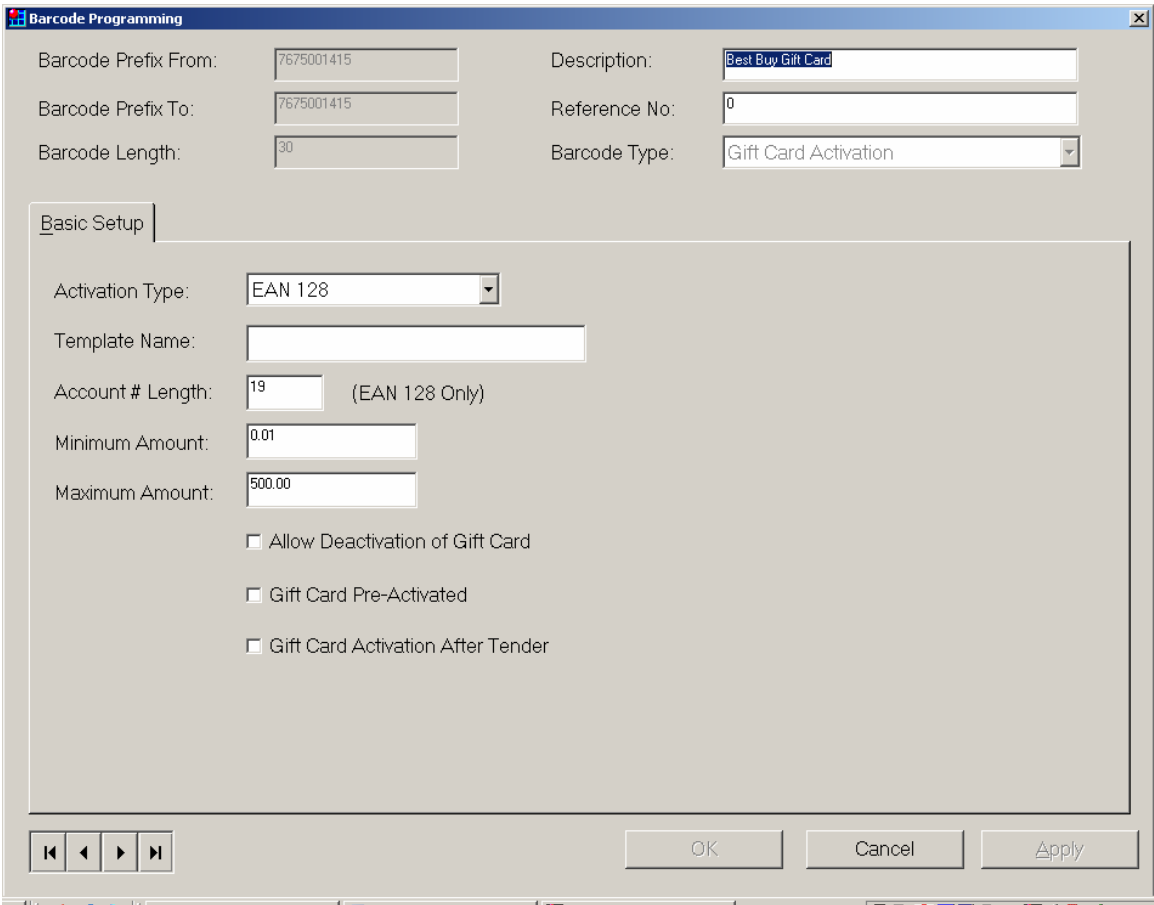
Note: In the cases where the Vendor Gift Card might not display any numbers it is possible to use "Inquiry" and scan the barcode on an EAN 128 enabled scanner to determine the PLU number.

- Open Barcode Programming Maintenance.



- Create a Barcode Range for the Vendor Gift Card.
 - Click New
 - Add Barcode Prefix From: **7675001415** (PLU number)
 - Add Barcode Prefix To: **7675001415** (PLU number)
 - Add Barcode Length: **29** (EAN 128 barcodes are 30 digits long but due to the leading zero (0) of this particular barcode, the barcode length must be set to 29. If the barcode begins with a non-zero type number, it will need to be set to 30.)
 - Add Description: **Best Buy Gift Card**
 - Add Reference No: **0** (internal reference number)
 - Add Barcode Type: **Gift Card Activation**
 - Add Activation Type: **EAN 128** (type of gift card)
 - Add Account # Length: **19** (the length of the account number)
 - Add a Minimum Amount: **0.01** (minimum amount the gift card can be activated for)
 - Add a Maximum Amount: **500.00** (maximum amount the gift card can be activated for)
 - Click Apply or OK.
 - Note: A Template Name can be added if you want a specific template to print (at activation) when activating a gift card in this range.
 - Note: Check “Allow Deactivation of Gift Card” if you want to allow deactivation of gift cards and payment processor supports this feature.

- Note: Blackhawk EAN 128 vendor gift cards are not pre-activated so it is unlikely that “Gift Card Pre-Activated” will need to be checked.
- Note: Check “Gift Card Activation After Tender” to delay activation until the end of the order. This parameter unchecked will cause gift cards to be activated at time of sale.



The image shows a 'Barcode Programming' dialog box with the following fields and options:

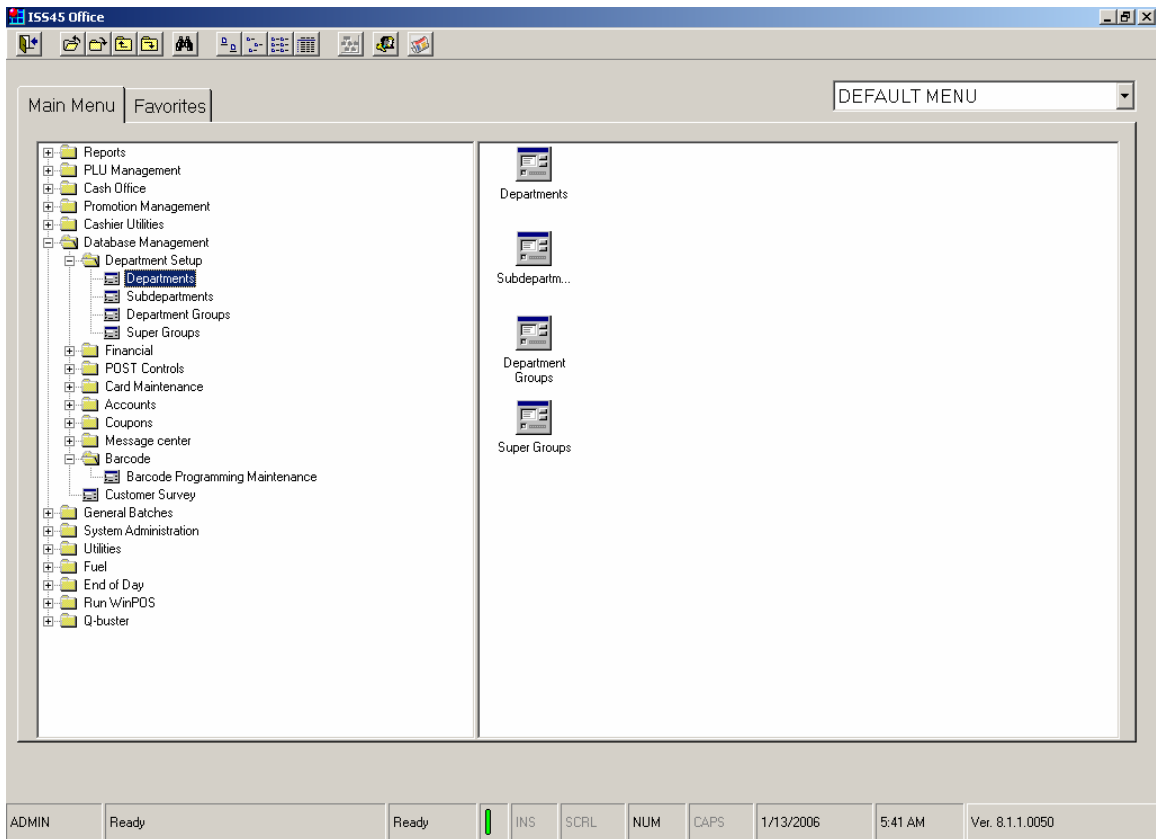
- Barcode Prefix From: 7675001415
- Barcode Prefix To: 7675001415
- Barcode Length: 30
- Description: Best Buy Gift Card
- Reference No: 0
- Barcode Type: Gift Card Activation

Basic Setup

- Activation Type: EAN 128
- Template Name: (empty)
- Account # Length: 19 (EAN 128 Only)
- Minimum Amount: 0.01
- Maximum Amount: 500.00
- Allow Deactivation of Gift Card
- Gift Card Pre-Activated
- Gift Card Activation After Tender

Navigation buttons: Home, Back, Forward, End. Action buttons: OK, Cancel, Apply.

- Open Departments (this is optional, created a new department to make tracking vendor gift card sales easier)

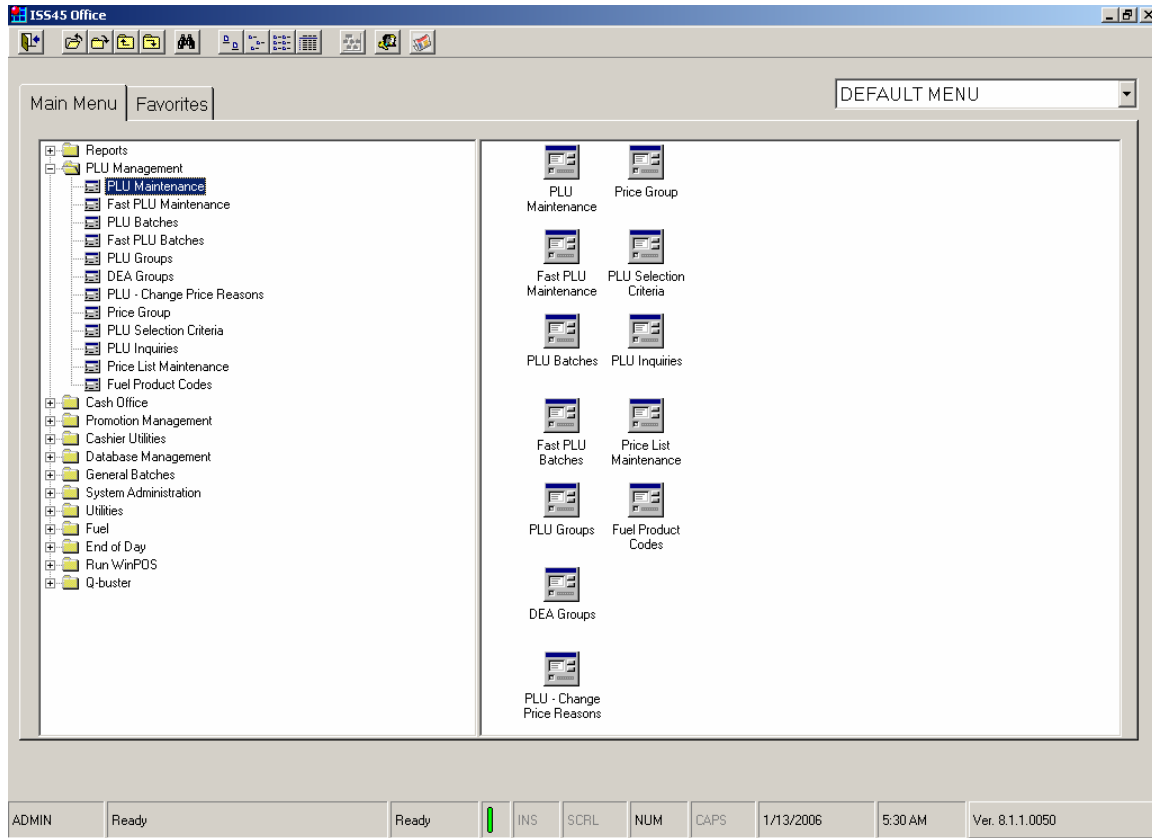


- Create Department for Vendor Gift Cards.
 - Click New
 - Add Department Number: **33**
 - Add Name: **Vendor Gift Card**
 - **Check** Active.
 - Click Apply or OK.

The screenshot shows a window titled "Department Maintenance" with the following fields and options:

- Department Number: 33
- Name: Vendor Gift Card
- Active
- Basic Setup | Flags
- Values and Control Checks:
 - Maximum Value: 0.00
 - Minimum Value: 0.00
 - Control Check: (dropdown menu)
- Discount Type: (dropdown menu)
- Department Group: (dropdown menu)
- POST Item Message: (dropdown menu)
- Display message for linked items
- Points per cent: (text input)
- Points per sale: (text input)
- Account No. (GL): (text input)
- Restriction Layout: (dropdown menu)
- Department number at head office: (text input)
- Navigation buttons: Home, Back, Forward, End
- Action buttons: OK, Cancel, Apply

- Open PLU Maintenance.



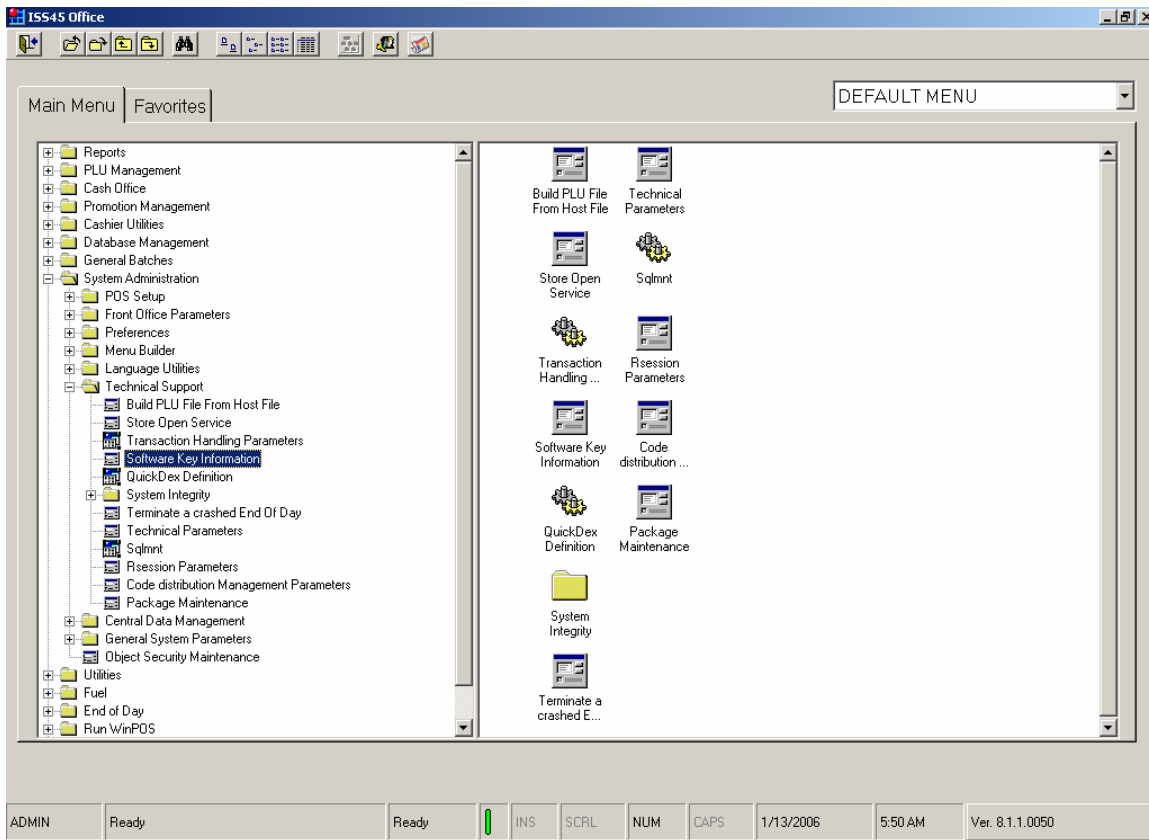
- Add PLU entry for the Vendor Gift Card.
 - Click New
 - Answer YES to add new record
 - Add Item Number **7675001415**
 - Add Description **Best Buy Gift Card**
 - Add Department **33 - Vendor Gift Card**
 - Add Price: **25.00**
 - Add Quantity: **1**
 - Click Apply or OK.

The screenshot shows the 'PLU Maintenance' window with the following fields and options:

- Item Number:** 7675001415
- Description:** Best Buy Gift Card
- Basic Setup** | Parameters 1 | Parameters 2 | Cost and Sales | Promotions | Shelf Labels and OEM | Price Lists
- POST Description:** Best Buy Gift Card
- Department:** 33 - Vendor Gift Card
- Subdepartment:** (empty)
- Price:** 25.00 **Quantity:** 1
- Frequent Shopper:**
 - Type: None
 - Value: 0
 - Item Limitation: 0 FS Quantity: 0
- Tax Flags:**
 - Tax 1 Tax 2 Tax 3 Tax 4
 - Tax 5 Tax 6 Tax 7 Tax 8
- Change Price Reason:** (empty)
- Fuel Item Car Wash Item
- Exchange Tender ID:** (empty)

Navigation buttons at the bottom: Back, Forward, Clear, OK, Cancel, Apply.

- Open Software Key Information.



- Verify the HASP supports Vendor Gift Cards (flag 29 must be set on the HASP).

The dialog box titled "Software Key Information" contains the following configuration fields:

- Plug Serial Number: 1554521093
- Maximum POSTs: 99
- Maximum workstations: 8
- Maximum RPOs: 3

Below these fields is a table with the following data:

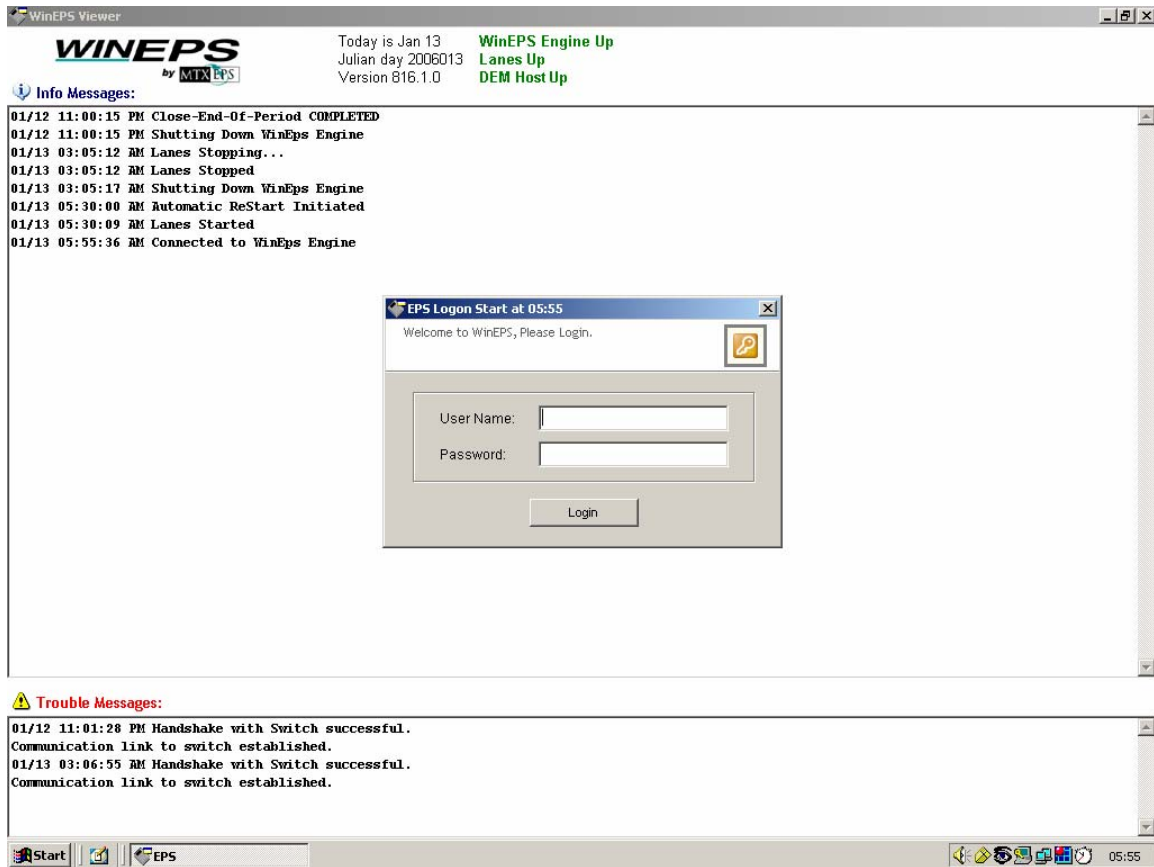
| Flag ID | Description | Selected |
|---------|------------------------|-------------------------------------|
| 14 | Signature Capture | <input checked="" type="checkbox"/> |
| 15 | RoundHouse | <input checked="" type="checkbox"/> |
| 16 | Microtrax Payments | <input checked="" type="checkbox"/> |
| 17 | Trickle Feed | <input checked="" type="checkbox"/> |
| 18 | V8 Option | <input checked="" type="checkbox"/> |
| 19 | Third Party EPS | <input checked="" type="checkbox"/> |
| 20 | Corema/On-line Shopper | <input checked="" type="checkbox"/> |
| 21 | Accounts Receivable | <input checked="" type="checkbox"/> |
| 22 | MobileLime | <input checked="" type="checkbox"/> |
| 23 | Fuel | <input checked="" type="checkbox"/> |
| 24 | Fuel - Car Wash | <input checked="" type="checkbox"/> |
| 25 | Check Imaging | <input checked="" type="checkbox"/> |
| 26 | Table Extracts | <input checked="" type="checkbox"/> |
| 27 | Not in use | <input checked="" type="checkbox"/> |
| 28 | Not in use | <input checked="" type="checkbox"/> |
| 29 | Vendor Gift Card | <input checked="" type="checkbox"/> |
| 30 | Not in use | <input type="checkbox"/> |
| 31 | Not in use | <input type="checkbox"/> |
| 32 | 6.6 License | <input type="checkbox"/> |

A "Close" button is located at the bottom right of the dialog box.

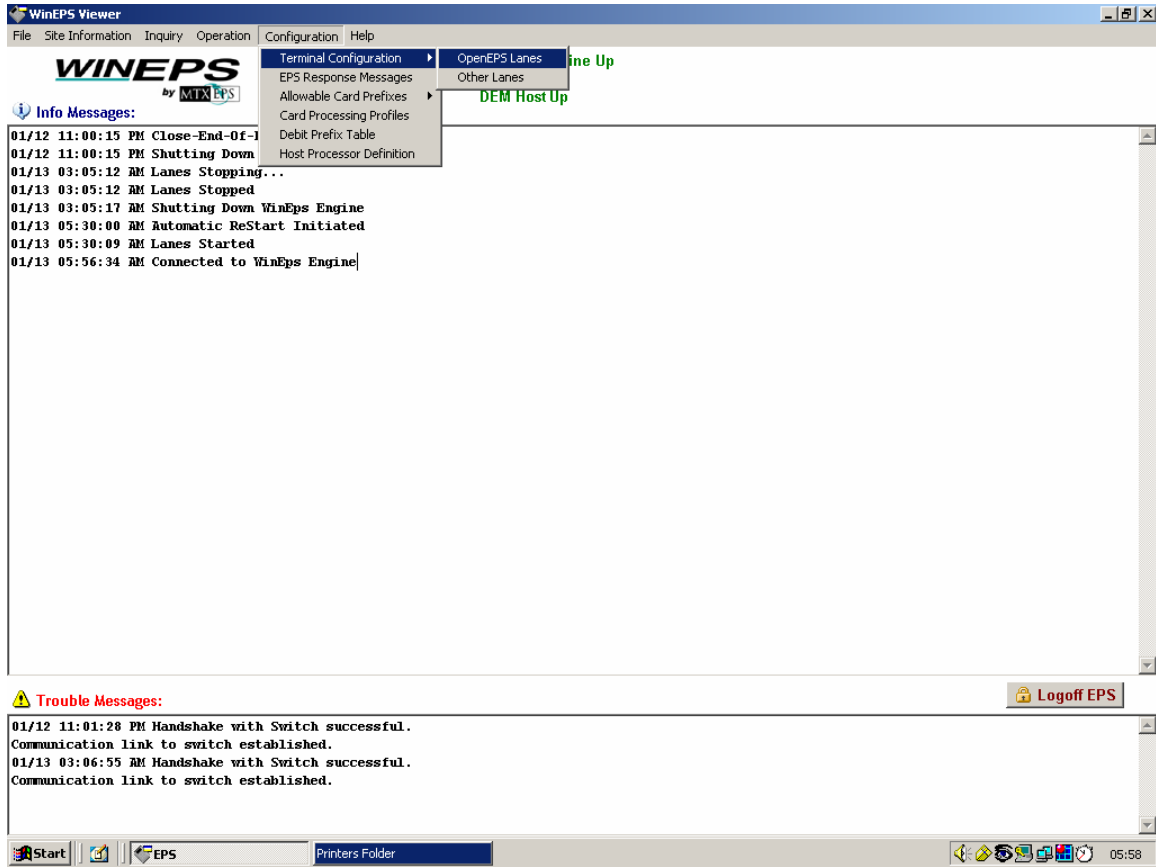
- Open payment processor.



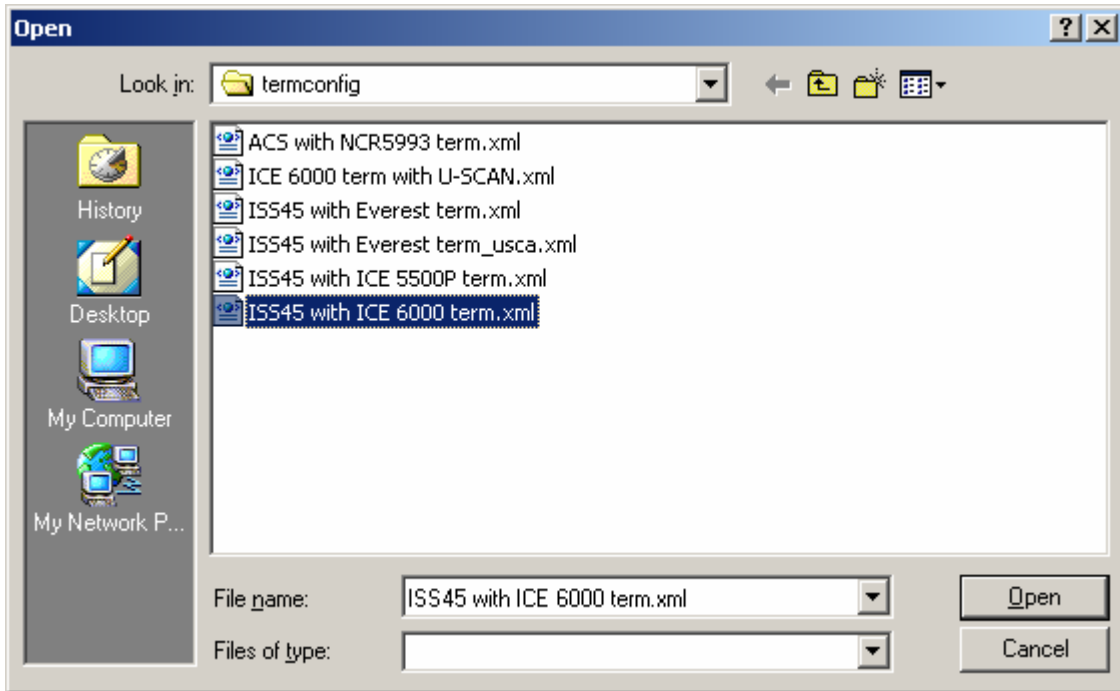
- Login to payment processor.



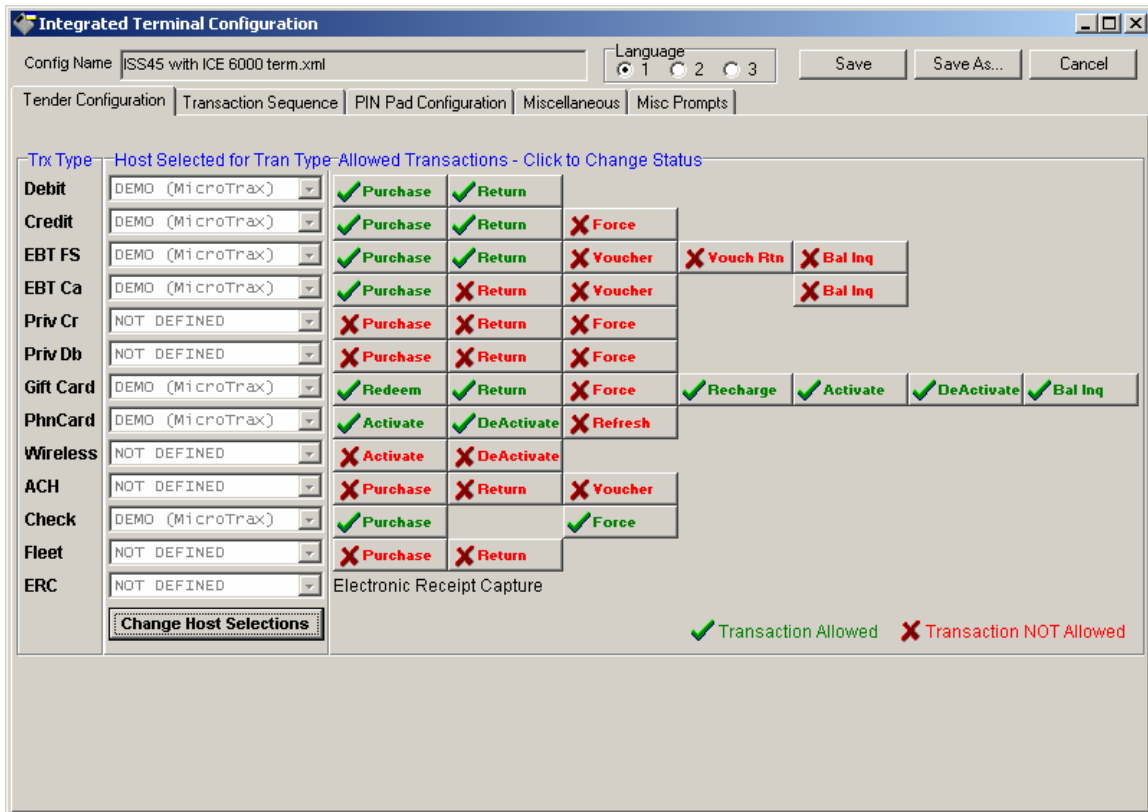
- Open Lane Configuration.



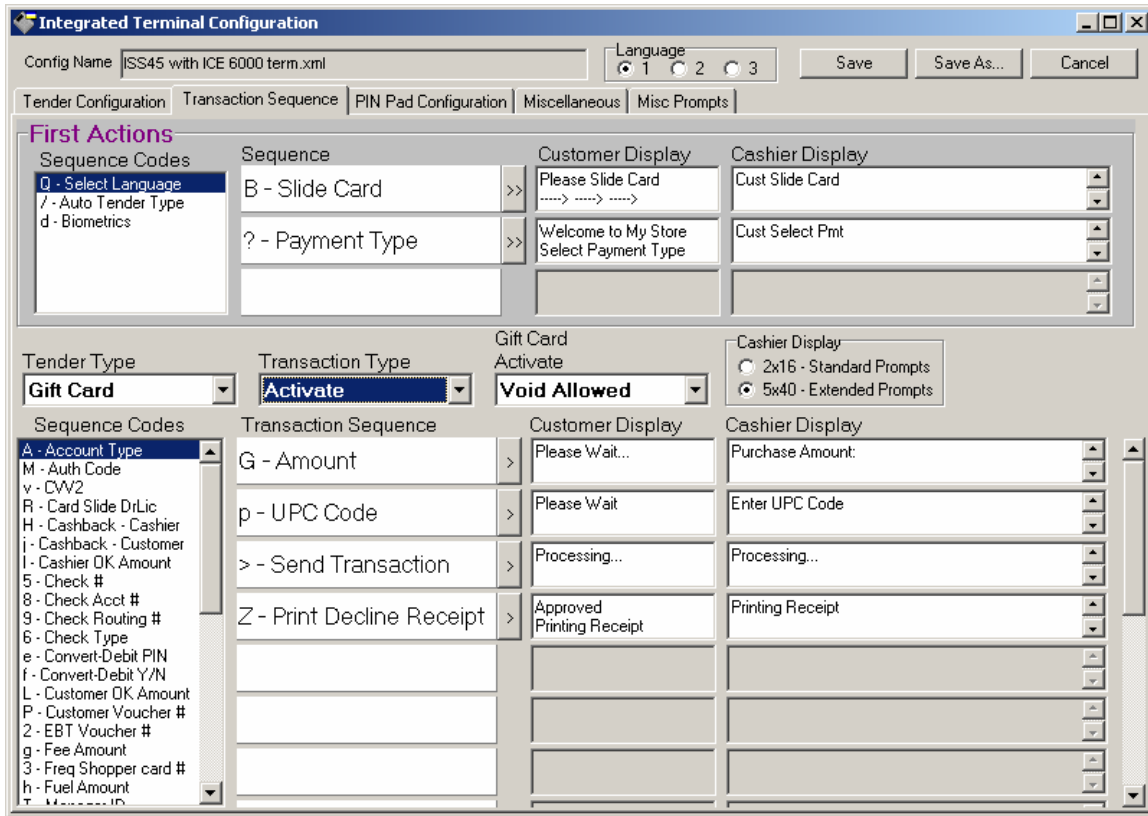
- Choose configuration file.



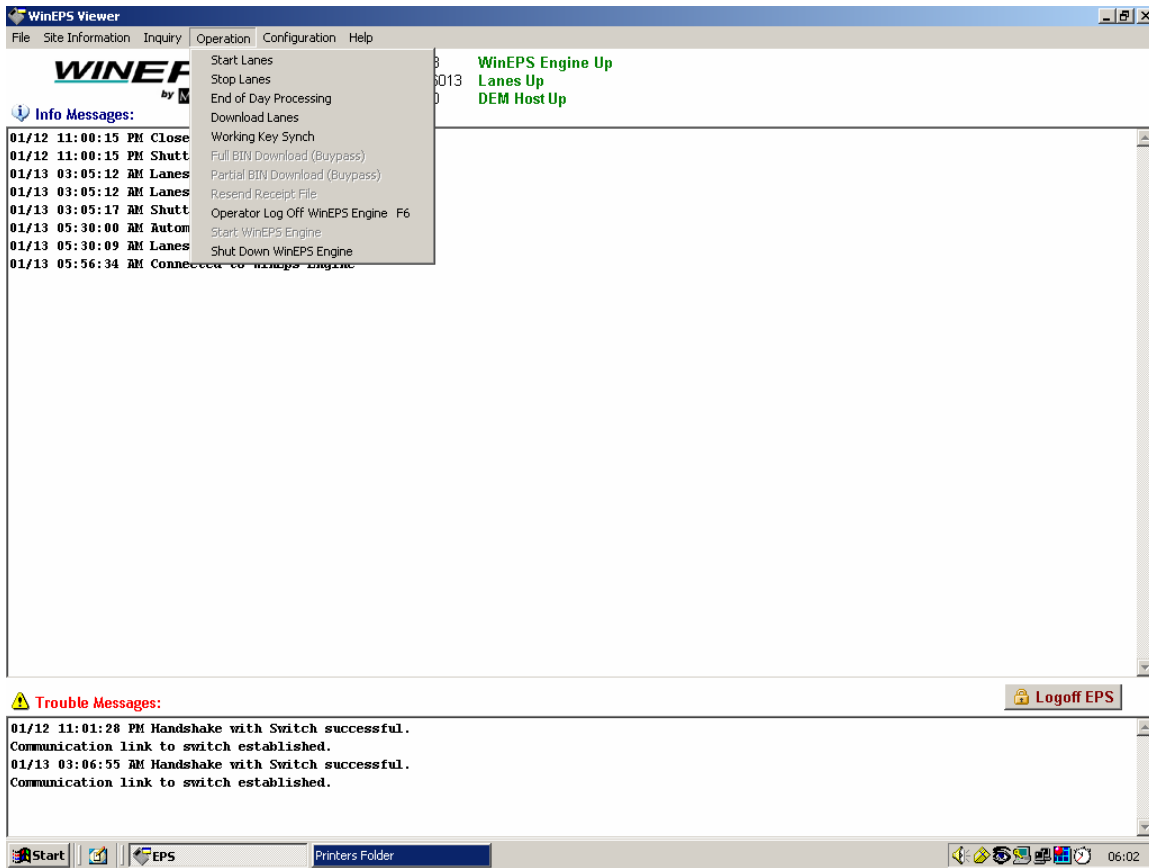
- Allow Gift Card Activation in Tender Configuration.



- Set the Transaction Sequences to send the UPC Code.



- Save the Terminal Configuration
- Stop Lanes.



- Start Lanes.