



- *Release Notes & What's New*
- *ISS45 8.1.0.1-050*
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### 8.1.0.1-050 Release Notes

<b>Date of Issue</b>	<b>Product Identification Number</b>	<b>Part Number</b>	<b>Brief Description</b>
January 2005	45001/081	89000195	Initial Release
June 2005	45001/081	89000233	8.1.0.1 Release

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# Introduction

Several new features and enhancements were made recently to the StoreNext ISS45 system as a result of customer change requests and internal research and development. These changes are reflected in the accompanying ISS45 8.1.0.1-050 software. The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading.

Following the change description is an abbreviation (or combination thereof) of the ISS45 area affected:

(FO) – Front Office

(POS) – WinPOS

(Sys) – System / Services

These improvements are explained in detail in the following pages and are not included in your Office Users Guide or Office Administrator's Reference. Please keep this system update with your User Guides for quick reference. These changes will be included in the next release of these User Guides. If you have any questions regarding this release, please contact StoreNext Support.

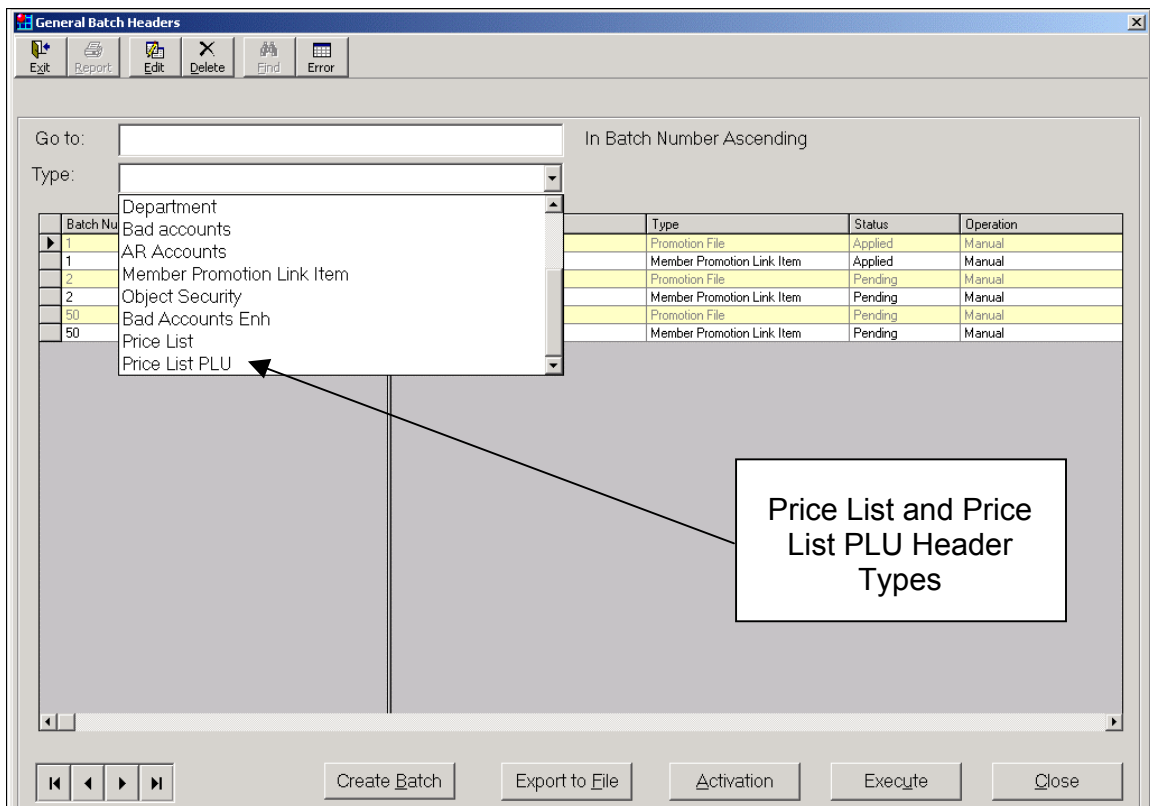
# CRD Listing

## 4867 – Price List General Batch Types (FO)

Price Lists are now supported through General Batches in this release of ISS45. These two newly supported interfacing protocols (Price List and Price List PLU) now allow Price List changes to be controlled from a hosted environment.

### New General Batch Headers Types

The General Batch Headers screen now displays the two additional batch types in the types list.



Price List General Batches can't be created or edited locally, only viewed. Button options available for Price List General Batches are Export to File, Activation and Execute.

## 5501 / 5502 / 5503 / 5504 / 5505 - CDS Enhancements (Sys)

Several enhancements have been made recently to Code Distribution (CDS), the software application that automatically distributes and performs package upgrades to the Back Office and POS. The following CDS enhancements are available in this release.

- 5501 - The ability to handle situations where either the package (PKG) file is delivered separately from the CTL (control) file. If the package file is submitted to the store outside of CDS, the CTL file sent from CDS now contains a parameter to indicate whether the file should be used or whether to ignore it and locate and use an external CTL file. If an external CTL file does not exist, the PKG will remain in the "Wait" folder indefinitely. If more than one valid package is found, the packages will be run in ascending order, from the oldest to the newest (based on the version number).
- 5502 - Implementation of an encrypted version key in the CTL file. If this validation fails, an alert is created and the upgrade process is aborted. This helps prevent situations where a user downloads a package to one store and then keeps the file for future releases without first connecting to CDS.
- 5503 – Blackout Periods (see below)
- 5504 - The ability to perform user hooks on MFS1 and MFS2 (similar to current hook support at the POS). Hooks can be run either before boot (after running the package) or after reboot. The CTL file contains a new line under [PKGHooks] to indicate if FO hooks are present ("FOHooks=YES"). The default setting is NO. Hooks will be unzipped into the "C:\PCMASTER\TMP" folder. The Pcmpkgw.exe program will locate and execute the hooks. Hooks with extensions of ".fb0" through ".fb9" will be run before boot. Hooks with extensions of "f00" through "f99" will be run after boot.
- 5505 - The ability to activate packages whose activation date has expired (within the last 30 days) and to registering an accompanying alert. A new parameter in the CTL file determines if packages over 30 days old should be moved to the "Reject" folder.

### Blackout Periods

ISS45 can now be configured to prevent CDS operations from occurring during designated times on designated days.

**Note:**

If a CDS process begins on MFS1 before a Blackout Time, the store will continue the upgrade process. If the package cannot run because of a Blackout Time, it will be retried after the next EOD and Alert 2975 (Blackout Period) will be issued.

**Blackout Period Setup Screen**

The new Blackout Period Setup screen is launched under a new Restricted Times tab within Code Distribution Management Parameters window (under the Technical Support folder).

The screenshot shows a window titled "Code distribution Management Parameters" with three tabs: "General", "POS", and "Restricted Times". The "Restricted Times" tab is active. It contains two main sections: "Select Restricted Times" and "Select Days".

**Select Restricted Times:**

	Start	End
Monday through Thursday:	00:00	00:00
Friday:	00:00	00:00
Saturday:	00:00	00:00
Sunday:	00:00	00:00

**Select Days:**

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

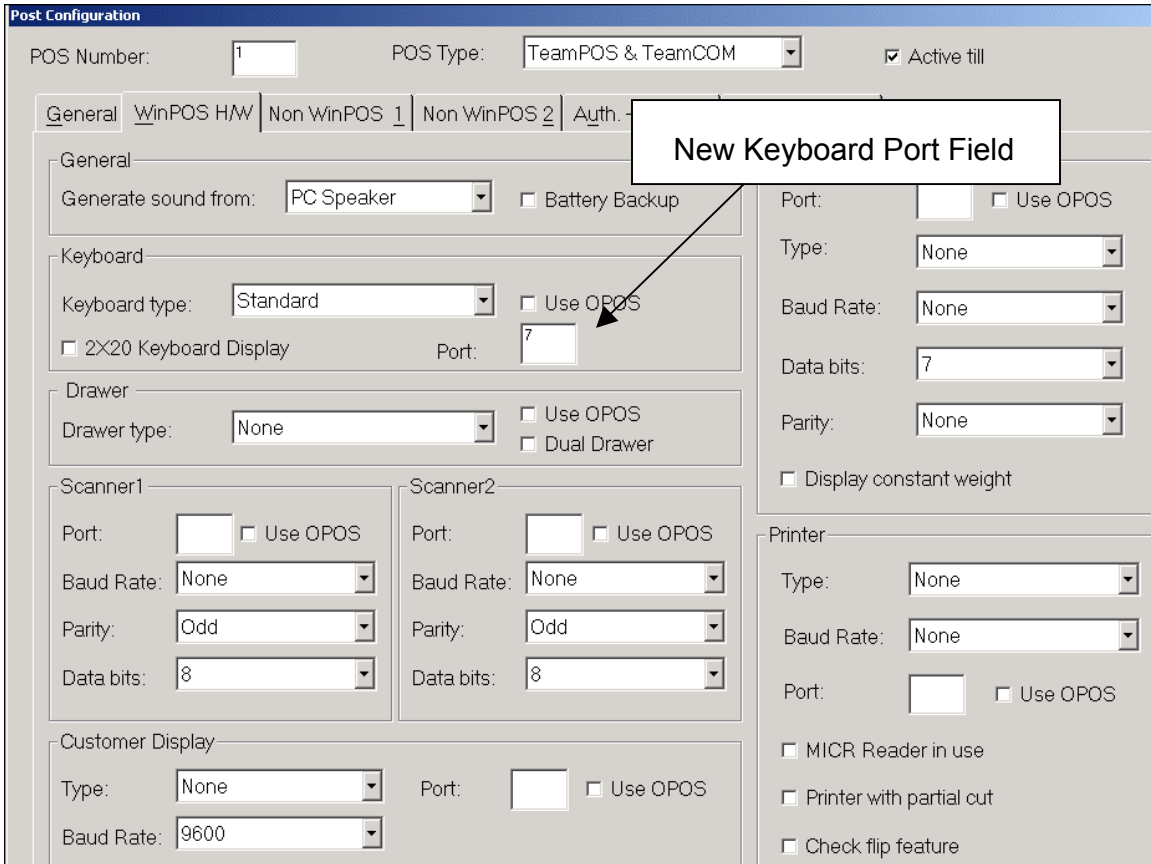
At the bottom of the window are three buttons: "OK", "Cancel", and "Apply".

The screen contains the following fields:

Field	Description
Start	Enter the beginning time (i.e. 23:00 = 11:00 PM) of the range to exclude CDS operations (for the designated day or day range).
End	Enter the ending time of the range to exclude CDS operations (for the designated day or day range). After this time CDS can run.
Select Days	Place a check mark next to the days where the Blackout Period should apply.

## 5057 – Configurable POS Keyboard Port (FO)

In this release of ISS45 the communication port assigned to the POS Keyboard is no longer hard-coded but configurable. To support the new TP2K (Team Combo) Keyboard, the POST Configuration Screen's WinPOS H/W Tab contains a new keyboard port field.



## 5112 – Cashier Notification Icons (FO/POS)

A new feature in this release of ISS45 will generate icons on the cashier display indicating the status of cashier requests, manager authorization requests and control checks sent to Retailix Pocket Office (RPO) from the POS. Icons let cashier know if the events have been sent to, read and/or approved by RPO RMA (Remote Manager Authorization) users.

Control checks and keyboard functions that trigger manager authorization requests will display as circles. Cashier requests from pre-defined POS keys (i.e. “Need Change”) display as diamond shapes on the POS display.

### Note:

By default, Cashier Notification is turned off after RPO is installed. To enable Cashier Notification, modify the C:\Program Files\PocketOffice\Server\PalmServer.ini file and change the “**RMA\_1\_2=1**” General Parameter to “**RMA\_1\_2=0**”.

Icons are color-coded to indicate where in the approval process the event resides.

Blue – Indicates the request has been sent

Yellow – Indicates the request has been read

Red – Indicates the request was ignored

Green – Indicates the request was approved

### Note:

In the case of POS Control Checks and Keyboard Function Privileges, the Green Icon indicates the **POS** button was tapped by the RPO RMA User (rather than the **Appr.** button). If the **Appr.** button was tapped, the circle icon will be removed from the POS display before turning green.

## Front Office

### New Parameters

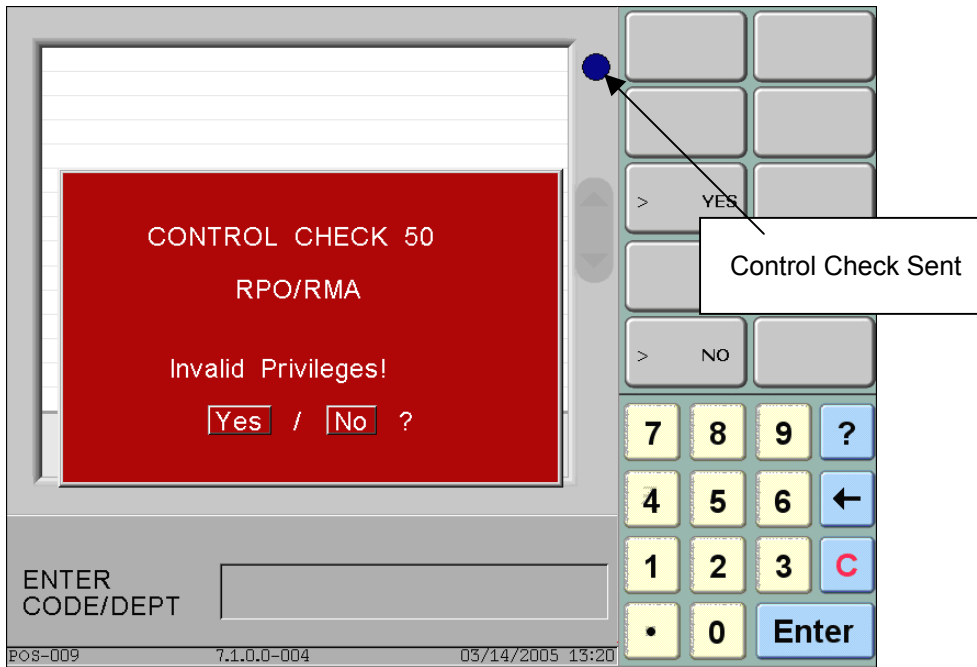
To implement this new feature the following parameters have been established. These General System Parameter are located in the Store \ Retailix Pocket Office folder.

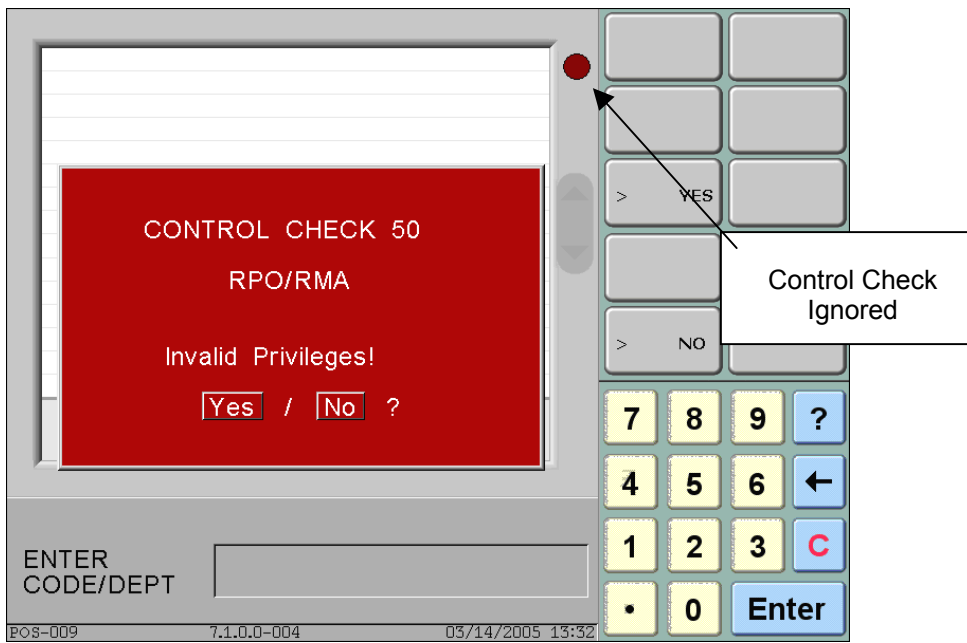
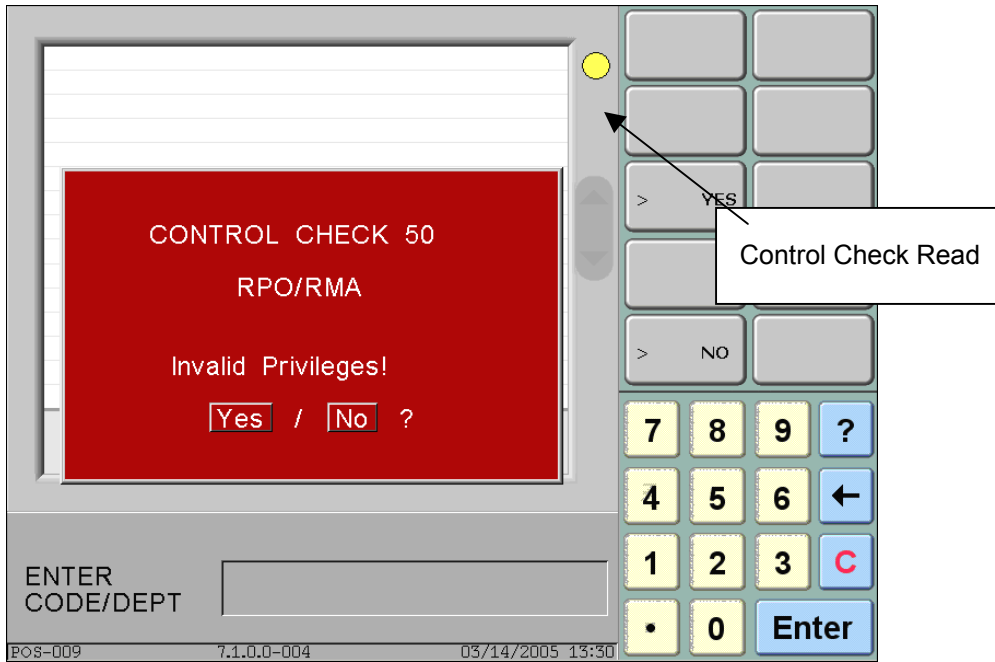
Parameter	Explanation
RMA Cashier Notification in System	This parameter defines whether the POS displays icons indicating the status of messages sent to the RPO.
Cashier Notification Icon Time Limit	This parameter defines the number of minutes before removing a User Request Cashier Notification Icon from the POS display.

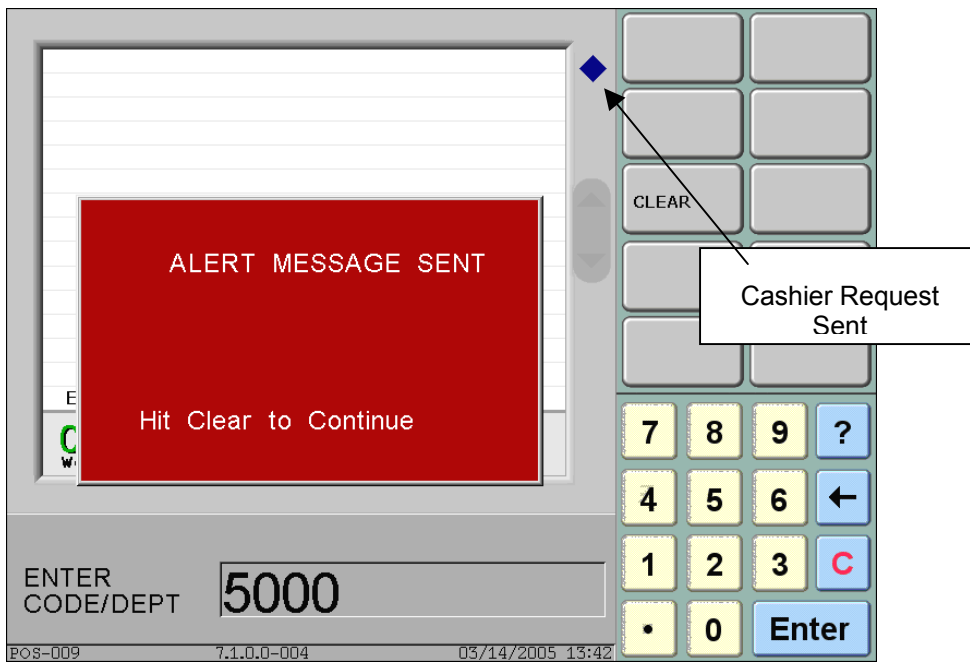
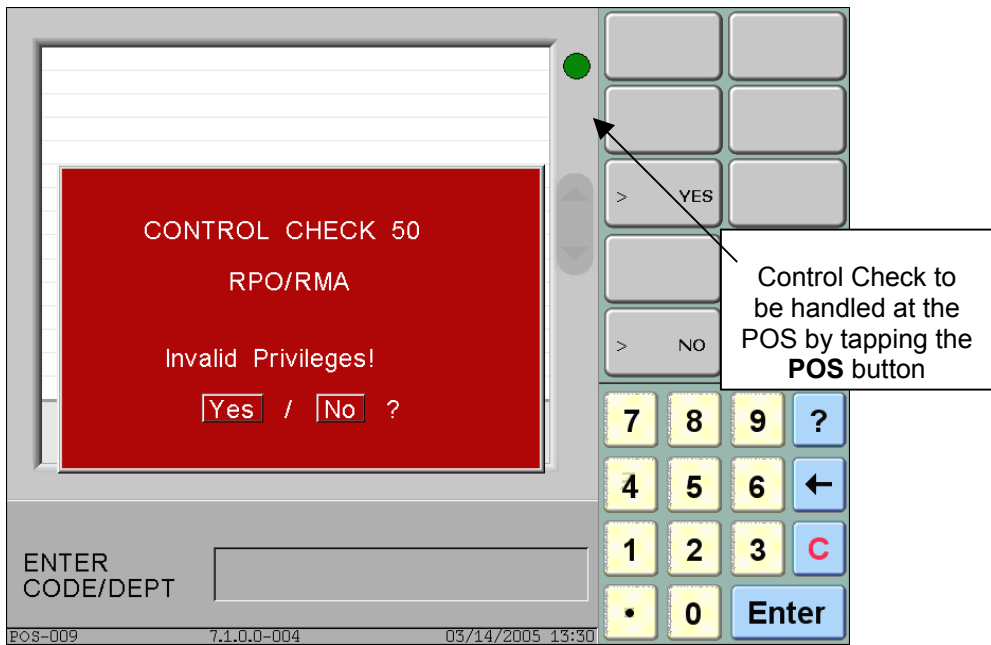
## POS

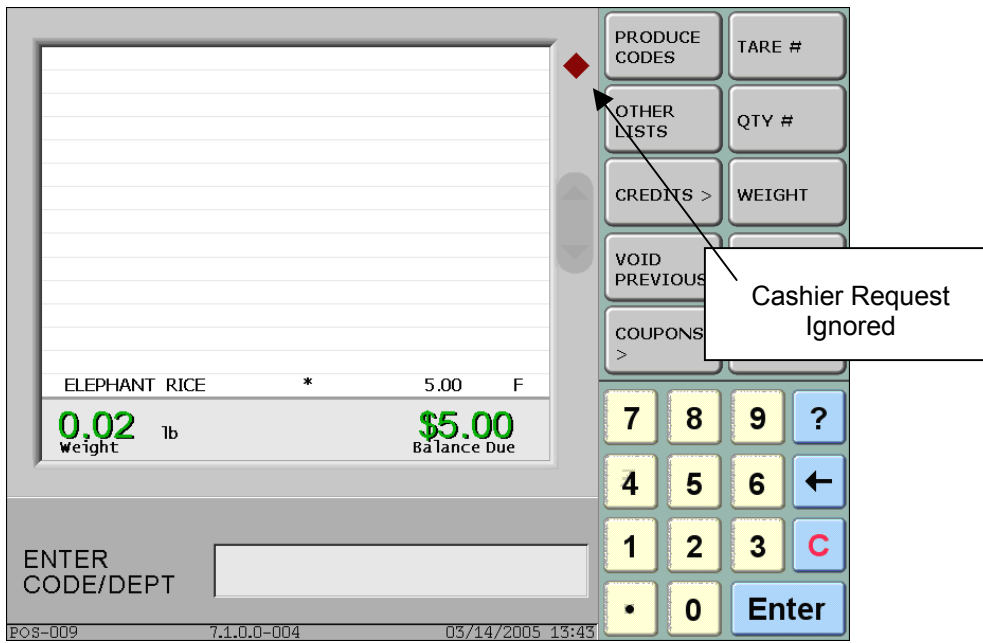
### Examples

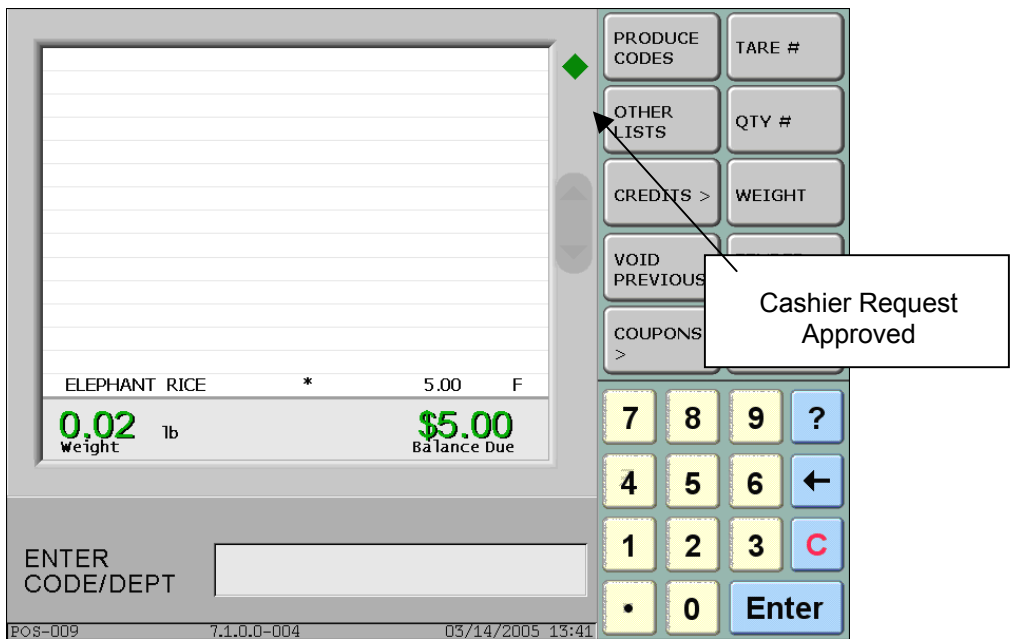
The following screens show the location and status examples of Cashier Notification Icons.





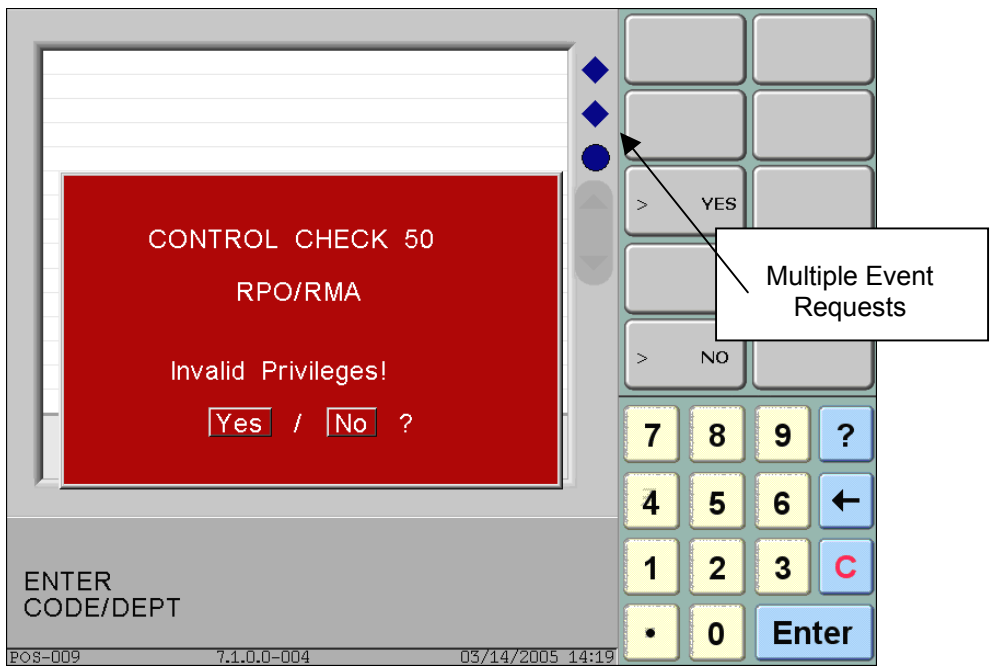






**Note:**

The Parameter "Cashier Notification Icon Time Limit" determines how long to display the cashier request icon (diamond) on the POS display before automatically being removed. This parameter has no affect the control check (circle) icons. The cashier can manually remove cashier request icons anytime by tapping the icon (regardless of its status color).



**Note:**

There can be multiple event requests at any given time and therefore multiple icons may display (see above). If the maximum number of icons has been reached, the oldest cashier requests will be removed before posting a new icon.

## 5530 – POS Sound Enhancements (FO/POS)

Enhancements in this release of ISS45 now enable sounds to be produced at the POS from both the Touch Screen speaker and the PC Sound Card (through external speakers) to help increase cashier performance.

### Front Office

#### New Sound Option

The Post Configuration Screen's Non WinPOS 1 Tab has a new option in the "Generate 'beep' sound from" field. Select "Sound Card" if connecting external speakers to the PC Sound Card or Touch Screen.

The screenshot displays the 'Post Configuration' window. At the top, it shows 'POS Number: 1', 'POS Type: TeamPOS & TeamCOM', and a checked 'Active till' box. Below this are several tabs: 'General', 'WinPOS HW', 'Non WinPOS 1', 'Non WinPOS 2', 'Auth. - I/F', and 'E-Ticket - OPOS'. The 'Non WinPOS 1' tab is active. The 'Screen' section includes 'Type: VGA Color' and 'Touch Screen type: None'. The 'Customer Display' section has 'Customer Display: Yes' and a checked '2X20 Keyboard Display' box. The 'Drawer' section has unchecked 'Use Drawer' and 'Drawer connected to printer' boxes. The 'Printer' section has a 'Type:' dropdown and a checked 'MICR Reader in use' box. The 'General' section at the bottom has 'Generate 'beep' sound from:' dropdown menu open, showing options: 'PC BEEP', 'Keyboard', 'PC BEEP', 'Keyboard & PC', 'PC SOUND', and 'SOUND CARD' (highlighted). Below this is 'Port for print commands:' and an unchecked 'Battery Backup' box. A callout box with an arrow points to the 'SOUND CARD' option, containing the text 'New Sound Card Beep Option'.

## POS

### New Sounds

The Touch Screen and PC Sound Card speakers will produce:

- A positive confirmation tone on a successful sale of Item / Department / Weight PLU
- A negative tone on an error
- A sound on any stroke on the menu keys or keypad of the touch screen

In addition, the following new .WAV files are placed in the WinPOS\Sounds folder:

- BazzBeep.wav - used when WinPOS starting up and RSM not loaded, AND used in many error situations (as current mechanism supports)
- CreditProg1Beep.wav - used when credit program is set to have sound effects
- CreditProg2Beep.wav - used when credit program is set to have sound effects
- CreditProg3Beep.wav - used when credit program is set to have sound effects
- CreditProg4Beep.wav - used when credit program is set to have sound effects
- KbdBeep.wav - Keyboard Error to let the cashier know that they pressed a wrong key (as current mechanism supports)
- PrintSoundBeep.wav - used when printing a line is general system parameter turned on
- TechMenuBeep.wav - used when bringing up the tech menu - to cold load or change pos #
- TouchBeep.wav - generally used when screen is being touched - menu item selected, key being pressed, etc

## 5632 – Signature Capture for In-House Charges (FO/POS)

ISS45 now provides the ability to request signature capture on transactions charged to a customer's in-store account. This feature will facilitate store accounting and billing procedures. A reprint all of Accounts Receivable transactions (with signature) can be generated using the Connected Services Electronic Journal functionality.

### Note:

As of this release, this enhancement is only available on systems using MicroTrax along with Verifone 7000 or Hypercom ICE 6000 (or ICE 5000) payment.

New parameters have been added to this release to designate up to 3 tenders that will support signature capture. The signature will be captured locally and can be displayed within the Electronic Journal.

## Front Office

### New Parameters

To implement this new feature the following parameters have been established. These General System Parameter are located in the new Store \ POST \ Monetary \ Tender \ Signature Capture Tenders folder.

Parameter	Explanation
Signature Capture Tender Number 1	This parameter enables the option of selecting a tender that will require the customer to sign at the payments terminal so the signature can be captured.
Signature Capture Tender Number 2	This parameter enables the option of selecting a second tender that will require the customer to sign at the payments terminal so the signature can be captured.
Signature Capture Tender Number 3	This parameter enables the option of selecting a third tender that will require the customer to sign at the payments terminal so the signature can be captured.

## Cashier Prompt

The following prompt will appear at the POS when an in-house charge is tendered with a signature capture request:



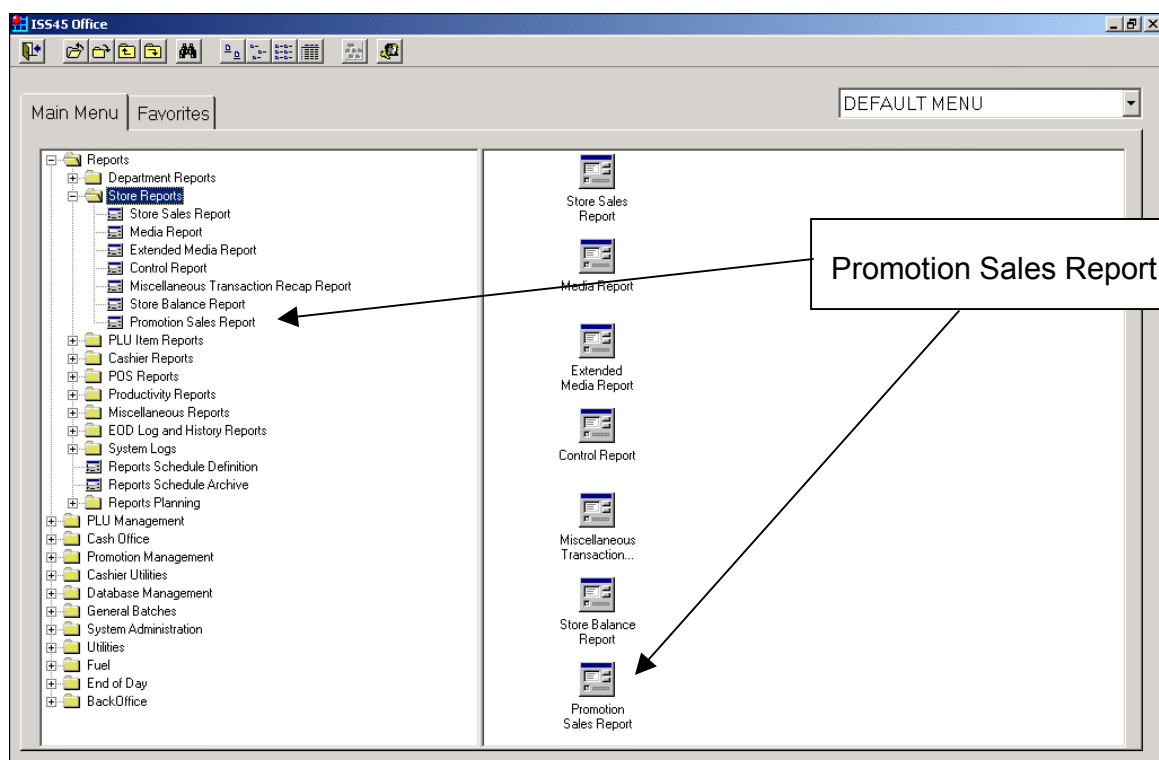
At the same time the "Please Sign Below" message will display to the customer on the PinPAD device.

## 6066 – Promotion Sales Report (FO)

The new Promotion Sales Report found in this release tracks member discounts to measure both the effectiveness and cost of issuing promotional discounts. This report may also be used for vendor bill back purposes.

### New Menu Item

The Promotion Sales Report now appears in the Store Reports folder.



### New Reports

Below is an example of the Promotion Sales Report:

<b>Promotion Sales Report</b>						
Tim's Markets						
Branch	40	Promotion Report				
For		06/20/2005				
Promotion No.	Description	Promotion Quantity Given	Promotion Amount Given	Start Date	End Date	
5	Pepsi Promo	1	\$0.25	1/3/2005	6/30/2005	

The following fields appear on the Promotion Sales Report:

Field	Description
Promotion No.	The promotion's identification number.
Description	The description of the promotion.
Promotion Quantity Given	The quantity of promotions awarded.
Promotion Amount Given	The accumulated dollar of promotions awarded.
Start Date	The start date of the promotion.
End Date	The end date of the promotion.

➤ **To generate a Promotion Sales Report:**

- 1 From the ISS45 Menu, choose the Promotions Sales Report from the Store Reports folder

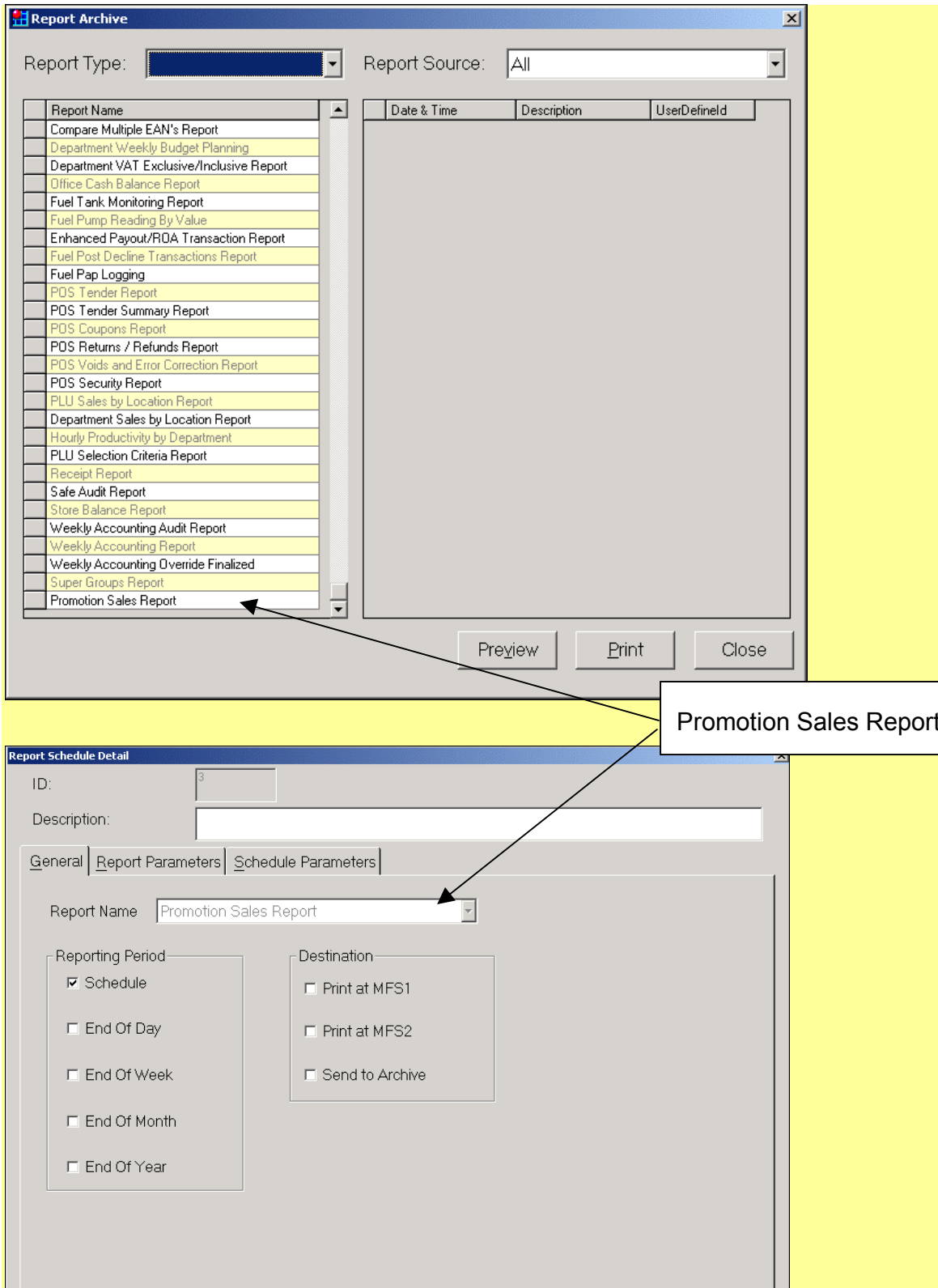
*The Promotion Sales Report Screen displays:*

No.	Name	Report
1	Buy 1, Get 1 Free	<input type="checkbox"/>
5	Pepsi Promo	<input type="checkbox"/>
201	Buy More, Save More	<input type="checkbox"/>

- 2 Mark the promotions to report (by placing an “X” in the Report column) or choose **Select All** to include all.
- 3 Choose the desired time frame: Online, Specific Date or Date Range.
- 4 Click **Preview** to view the report prior to printing.

**Note:**

Similar to other sales reports, the Promotion Sales Report is found in the Reports Archive and in the Reports Scheduler.



## 6132 – New Card Type Template Fields (FO)

This release of ISS45 conforms to the Visa Operating Regulation (effective November 1, 2005) to print the card name (i.e. Visa, MasterCard, etc.) on the cardholder's copy of transaction receipts. This feature will alleviate issues associated with the cardholder's inability to identify the card type associated with a given transaction.

### New Template Fields

Two new receipt template fields are supported in this release of ISS45:

- `CARD_DESC` – Prints the card name on the receipt
- `CARD_ID` – Prints the two letter abbreviation on the receipt (MC, VS)

The desired field must be added to the currently active receipt template.

## 6173 – Price Shift Keyboard Functions (FO)

Three new POS keyboard functions are provided in this release of ISS45. The Price Shift 1, Price Shift 2 and Price Shift 3 keyboard functions allow a different price to be charged for an item by calling a designated PLU associated with the price shift key. This feature allows a store, for example, to charge a different price for an item that is one-day old, two-days old or is out-of-date. The item file will need to be maintained according to the following rules.

Each Price Shift key, when depressed prior to scanning or key-entering the PLU number will append a single digit to the PLU number according the Price Shift key (1, 2 or 3) and retrieve the information from the generated PLU number. For example, using Price Shift 1 prior to entering PLU “50”, will ring PLU “501”. Using Price Shift 2 prior to entering PLU “50” will ring PLU “502”. Finally, using Price Shift 3 prior to entering PLU “50” will ring PLU “503”.

### New Keyboard Functions

The Keyboard Functions Maintenance screen displays the three new POS functions (1174, 1175 and 1176):

The screenshot shows the 'Keyboard Functions' maintenance screen. It features a search bar labeled 'Go to:' and a table listing various keyboard functions. The three new Price Shift functions are highlighted in yellow. A callout box labeled 'New Price Shift Functions' points to these three entries.

Function Number	Description
1030	Cancel Car Wash
1032	Gift Card
1033	Preset pump
1034	Cancel Preset pump
1049	Opt in Alternate ID
1050	Opt in Loyalty Club
1051	Opt out Loyalty Club
1052	Express POS
1053	Touch Alpha Keyboard
1055	Q-BUSTER
1064	Send to Q-Buster
1071	OTP CARD TRANSFER
1072	OTP POINTS ADJUST
1073	WIC Ticket Key
1081	Exit POS
1082	Back Office Menu
1083	Yes
1084	Clear
1086	Performance Test
1090	VCPN Modifier
1095	FORCE LOG OFF
1120	SERVICES
1139	SECONDARY ID
1140	MobiLime Loyalty
1174	PRICE_SHIFT_ONE
1175	PRICE_SHIFT_TWO
1176	PRICE_SHIFT_THREE

To set the new keys on an existing keyboard, update and label the functions according to the desired scheme (i.e. 1174 = "Day Old"). To add the keys to an existing keyboard selection, use the Keyboard Programming function and modify the keyboard. Either update an existing key (or add a new one) and assign the keyboard function (1174, 1175 or 1176) to the Keyboard Sale Mode (using the General button).

To add the new functions as soft-keys, modify the Menusys.mac file accordingly.

## 6405 – Offline Sign Off Control Check (FO)

A new Control Check in this release of ISS45 helps prevent situations where a POS is left in off-line mode when EOD runs (so the terminal doesn't hold transactions that should be posted for the current EOD). A control check may now be issued when the cashier signs off from a terminal that is in offline mode so the situation may be rectified before EOD is initiated.

### New Parameter

To implement this new feature the following parameter has been established. This General System Parameter is located in the Store \ POST \ Operational \ Control Checks \ Cashier folder.

<b>Parameter</b>	<b>Explanation</b>
CC for Offline Notification on Sign Off	Select the control check to issue to notify the cashier if the POS is offline during the sign off process.

## 6426 – VISA Regulations Removing Track Data & Masking Account Information (FO)

To improve security of customer information (and meet VISA regulations), track data (credit / debit / fleet account information) is either removed or masked (by default) in the Transaction Log. A new parameter in this ISS45 release controls whether to unmask this information from the transaction log.

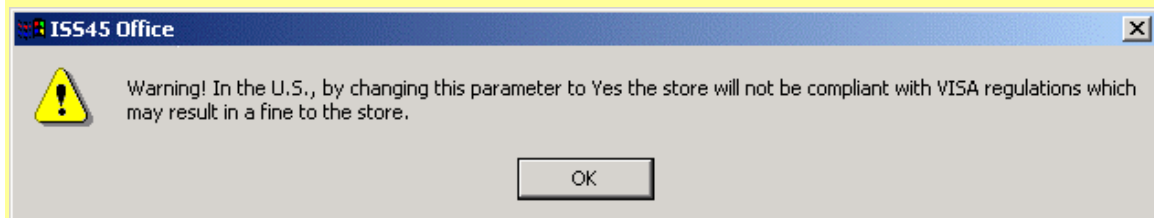
### New Parameter

To implement this new feature the following parameter has been established. This General System Parameter is located in the Store \ Technical \ Electronic Payments \ General Parameters folder.

Parameter	Explanation
Unmask EFT Account Information	When set to "Yes", credit/debit/fleet account information will be unmasked in the transaction log.

#### Note:

When the parameter is set to "Yes", the following error message will display:



### New Masked Account EJ Search Option

The transaction log now captures the first 6 digits and last 4 digits of the credit card number and places zeros in all other fields. With this data masked in the Transaction Log, the Electronic Journal search by Account Number option now provides the ability to search for masked credit card numbers.

Account Number

From: 0

To: 99999999999999999999

Masked Account search

Enter the range to search for

Search Cancel

Masked Account Search Checkbox

For example, if searching for a transaction in which credit card 1111222233334444 was used, enter this number in both the **From:** and **To:** fields and check the “Masked Account Search” checkbox. The EJ search is performed for card 1111220000004444.

## Other Enhancements

The following ISS45 8.1.0.1-050 program enhancements have been made internally and are explained briefly below.

- 6136 – When the General System Parameter “Sort Receipt” is set to “Yes” and the receipt is printed on a non-OPOS printer, the department name will now be underlined.
- 6141 – A transaction that places a customer’s receivable account over their credit limit no longer invokes the warning message prohibiting an override. The General System Parameter “CC for Customer Account Insufficient Funds” will be used to issue a control check that may be overridden.
- 6385 – To be compliant with the Concord switch, two new calls to the have been added to the OpenEPS interface (MTX\_POS\_SET\_FuelAmount and MTX\_POS\_GET\_FuelAmount). The ISS45 lane will set the fuel amount for every transaction that contains any fuel items. All other amounts (Purchase Amount, Cash Back Amount, etc.) will be handled the same.
- 6467 – The HASP plug serial number is now sent to the Host during the code distribution data transfer process. In case there is a problem, this will enable CDS to validate the serial number of the plug at the store against the serial number of the plug that is supposed to be at the store.
- 6481 – Date range reporting enhancements have been made to the Connected Services Agent for historical reporting of ISS45 data.
- 6559 – ISS45 now has the ability to support both Electronic Check Conversion (ECC) and Check Imaging on USCAN terminals. An ECC is similar to a debit card transaction. The customer places the unwritten check into the check scanner and it is returned to the customer after the sale is authorized and tendered. The customer’s checking account is debited in approximately 2 days. An ECC transaction saves the store check handling fees and reduces cash turnaround time.
- 6695 – ISS45 fixes may now be distributed and to the store and implemented through recent enhancements made to Code Distribution (CDS).





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