






The logo for ISS 45, consisting of the letters 'ISS' stacked above the number '45' in a large, bold, black serif font, all enclosed within a thin black rectangular border.

-  *ISS45 Version 7.1.2.0-050*
-  *Release Notes & What's New*
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ISS45 V7 Release Notes & What's New

Date of Issue	Product Identification Number	Part Number	Brief Description
September 2006	45001/080	89000322	7.1.1.1-050 Release
April 2007	45001/080	89000252	7.1.2.0-050 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. These changes are reflected in the accompanying ISS45 7.1.2.0-050 software. The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading.

These improvements are explained in detail in the following pages and are also included in your Office Users Guide or Office Administrator's Reference. If you have any questions regarding this release, please contact StoreNext Support.

Front Office Enhancements

8540 – WinEPS Masked Account Number Support

To protect ISS45 users from PCI ("Visa") compliance issues, ISS45 7.1.2.0 has implemented "Full PCI Isolation" and no longer receives the full card number data when interfaced with WinEPS. ISS45 receives only masked data from WinEPS (and will convert asterisks to zeros to preserve card "numbers" as numeric values in the TLOG).

Since ISS45 now receives card data in the masked format, each release version of ISS45 no longer needs to be certified for PCI compliance.

9154 – New Price Group Promotions

In this release ISS45 supports issuing a promotion price to a group of qualified, variable priced items. For example, a “Pick 6” promotion can now be established to offer the customer a group price when any combination of 6 eligible items is purchased. If multiple sets of eligible items are sold the reward will be given on the lowest priced group.

The New Price Group Promotion is a delayed promotion and calculated when the transaction is totaled. The store is responsible for creating valid promotions. This includes creating promotions so that the price of any combination of items (the group qualifying for the promotion) is greater than the reward amount. (See example on page 6).

New Group Promotion Reward Type

To support this feature, Promotion Group Types of **Units** may select a Reward Type of **New Price**. With a Reward Type of **New Price**, a **Limited Quantity** restraint may be established to specify number of times the promotion may be awarded in the transaction.

PCM

Promotions

Promotion number..... 4

Description.....

Start date..... 02/22/2007

End date..... 02/22/2007

Mark down department..... 0 [↓] [↑]

Reward type..... New Price [↓] [↑]

Reward amount..... -.00

Limited quantity..... 0

Group types.....

Group 1.	Units	[↓] [↑]
Group 2.	Units	[↓] [↑]
Group 3.	Units	[↓] [↑]

Purchase Requirements:

Min. purchase amount..... -.00

Control check for min purchase..... 0

Member card required..... 1

Available for all card schemes..... 1

Available card schemes.....

	0	0	0	0	0
	0	0	0	0	0

Threshold : Quantity

Group 1.	1
Group 2.	1
Group 3.	1

[F2] Update

[F8] List

[F9] Prev

[F10] Next

Set Attachment

List Attachments

Set Remote Promotion

Reward Type of New Price

Limited Quantity

The New Price Group promotion will only function properly with the **Group Type** field set to **Units**. Departments, UPC2-type and regular items may be linked to the New Price promotions (but will be treated as units).

Example

Below is an example of the settings associated with a New Price Group Promotion and the calculation of the “Lowest Priced Combination of Qualifying Items” in order to set the Reward Amount to be less.

Reward type: New Price

Reward amount: **\$5.00**

Limited Quantity: 1

Group type:

Group 1: Units

Group 2: Units

Group 3: Units

Threshold: Quantity

Group 1: 3

Group 2: 0

Group 3: 0

Items linked to Group 1:

Item1 - \$1.67

Item2 - \$5.00

Item3 - \$7.50

Lowest Priced Combination of Qualifying Items

$$(3 * \$1.67) + (0 * \$0.00) + (0 * \$0.00) = \mathbf{\$5.01}$$

Note:

If more than one Group is used, the Lowest Priced Combination of Qualifying Items is the sum of each group's threshold quantity multiplied by the lowest priced item/department linked to that Group.

Receipt

New Price Group Promotion discounts will be included on the receipt in “Your Savings Today” along with other Group Promotions under the “TTL ENHANCED PROMOTIONS” total.

GROCERY			

APPLE JUICE			\$4.00
APPLE JUICE			\$4.00
CAT FOOD			
1 @ 2 FOR	\$12.00		\$6.00
CAT FOOD			
1 @ 2 FOR	\$12.00		\$6.00
CAT FOOD			
1 @ 2 FOR	\$12.00		\$6.00
CAT FOOD			
1 @ 2 FOR	\$12.00		\$6.00
SMOKED HAM			\$5.00
SMOKED HAM			\$5.00
SMOKED HAM			\$5.00
PICK 5 FOR \$20.00			-\$3.00
BALANCE DUE			\$44.00
CASH			\$44.00
CHANGE			\$0.00
Total number of items sold = 9			
YOUR SAVINGS TODAY!			

TTL ENHANCED PROMOTIONS		\$3.00	
TOTAL SAVINGS		\$3.00	

TTL Enhanced Promotions



New Member Promotion Report

The new Member Promotion Report is generated in an XML format during end-of-day processing. The report is labeled as **MPmmdd.XML** (where MP = Member Promotion, mm = 2-digit month and dd = 2-digit day) and is archived as **MEMDXML.zip** in the C:\PCMASTER\HISTORY folder.

```
- <MemberPromotionReport>
- <HeadingInfo>
  <ReportDate>03/09/07</ReportDate>
  <ReportTime>16:29:45</ReportTime>
  <StoreNumber>101</StoreNumber>
  <StoreName>TIM'S MARKETS</StoreName>
</HeadingInfo>
- <PromotionDetail>
  <PromotionNumber>4</PromotionNumber>
  <PromotionDescription>GRP NEW PRICE</PromotionDescription>
  <PromotionStartDate>03/02/2007</PromotionStartDate>
  <PromotionEndDate>03/02/2008</PromotionEndDate>
  <MarkdownDept />
- <DailySalesInfo>
  - <QuantityOfRewards>
    <Units>1</Units>
    <Weight>0.000</Weight>
  </QuantityOfRewards>
  <UnDiscountedSales>1.00</UnDiscountedSales>
  <MarkdownAmount>-0.50</MarkdownAmount>
  <DiscountedSales>0.50</DiscountedSales>
  <RewardedPoints />
</DailySalesInfo>
- <UpToDateInfo>
  - <QuantityOfRewards>
    <Units>2</Units>
    <Weight>0.000</Weight>
  </QuantityOfRewards>
  <UnDiscountedSales>2.00</UnDiscountedSales>
  <MarkdownAmount>-0.50</MarkdownAmount>
  <DiscountedSales>1.50</DiscountedSales>
  <RewardedPoints />
</UpToDateInfo>
</PromotionDetail>
</MemberPromotionReport>
```

The XML Report Header Data includes:

- Report Date
- Report Time
- Store Number
- Store Name

The XML Promotion Header Data includes:

- Promotion Number
- Promotion Name
- Promotion Start Date
- Promotion End Date

- Mark Down Department

The XML Report Detail includes:

- Daily Sales Information
- Quantity of Rewards
- Units
- Weight
- Undiscounted Sales
- Difference/Markdown
- Discounted Sales
- Rewarded Points
- Sales Up To Current Date
- Quantity of Rewards
- Units
- Weight
- Undiscounted Sales
- Difference/Markdown
- Discounted Sales
- Rewarded Points

Note:

The New Price Group Promotion and XML Report are tied to the Software Key using HASP Bit #17 (Trickle Feed). This must be programmed to allow the creation of New Price Group Promotions and the generation of the report during end-of-day processing.

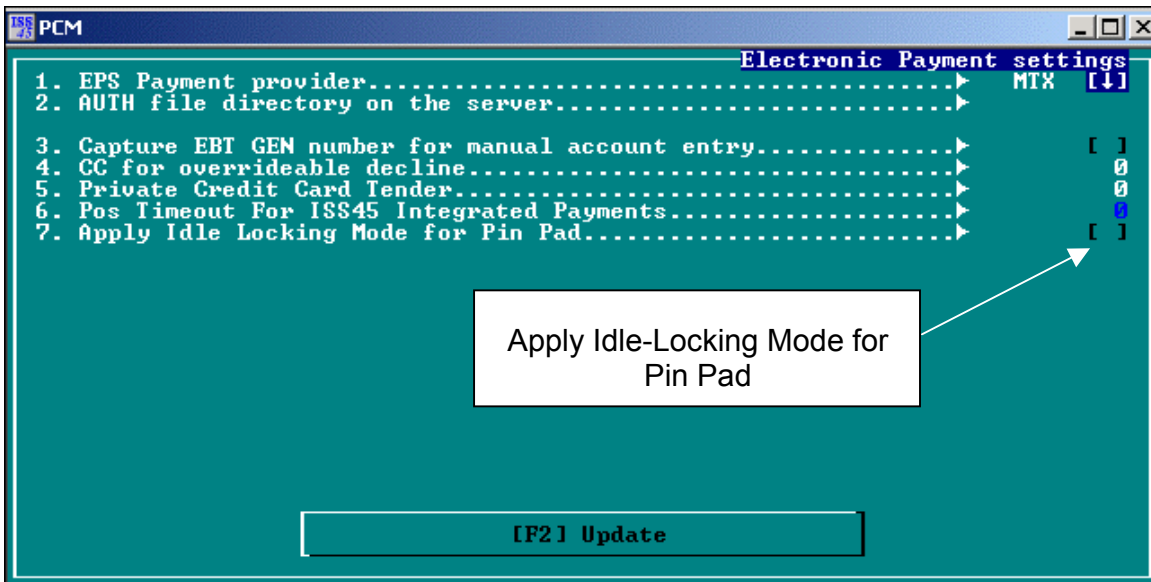
POS Enhancements

7067 – Pin Pad Locking

A new parameter in this release of ISS45 will initiate the lock of the EFT Terminal's Pin Pad at the end of each ticket. This feature prevents a situation where a customer leaves their payment information on the Pin Pad by accident and the data being used to tender the subsequent transaction. The Pin Pad will unlock itself only when a new ticket starts.

New Parameter

As part of this new feature the following parameter has been added to the Electronic Payment Settings screen (6-1-3-1).



Parameter	Explanation
Apply Idle-Locking Mode for Pin Pad	If checked, the POS application will instruct the Pin Pad to lock itself at any end of ticket and unlock itself only when a new ticket starts.

8426 – Customer Count Increment Criteria

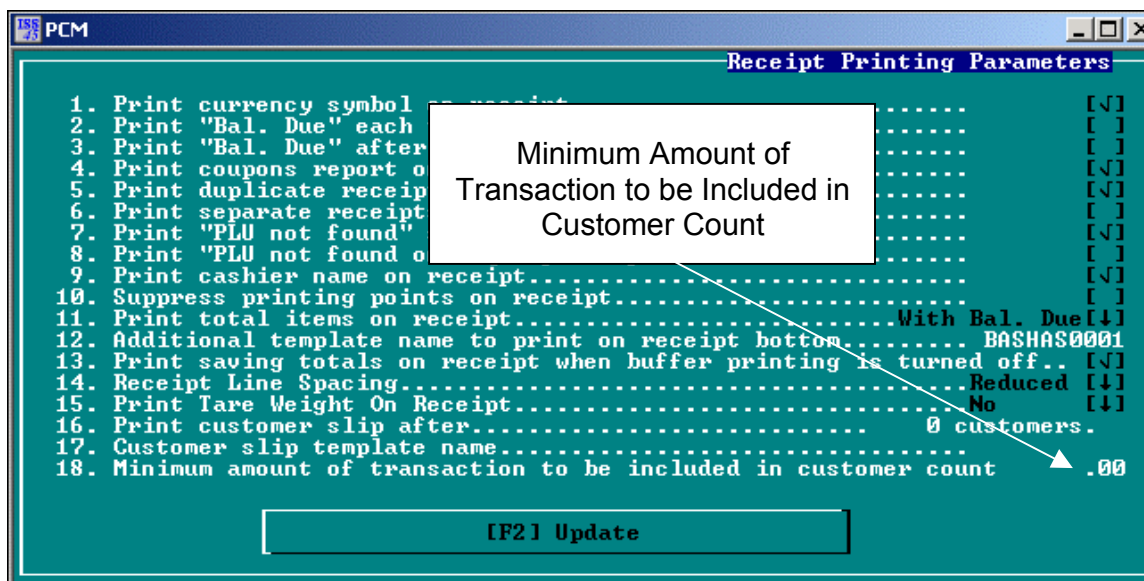
For stores that use the option to print a designated customer slip template after every “X” number of tickets, a new parameter in this release will only increment the customer count for transaction totals that meet or exceed a minimum (pre-tax) dollar amount.

Note:

To implement this feature, the store must create and assign the template name to use for slip printing and select the number of qualifying customer transaction between slip prints (as defined in the existing **Print Template Every X Customers** parameter setting).

New Parameter

As part of this new feature the following parameter has been added to the Receipt Printing Parameters screen (6-1-3-11).



Parameter	Explanation
Minimum Amount of Transaction to be Included in Customer Count	If the transaction sale amount (not including tax) meets or is exceeds the value in this parameter, customer count for slip printing will be incremented. Valid range is 0.00 - \$999.99.

Note:

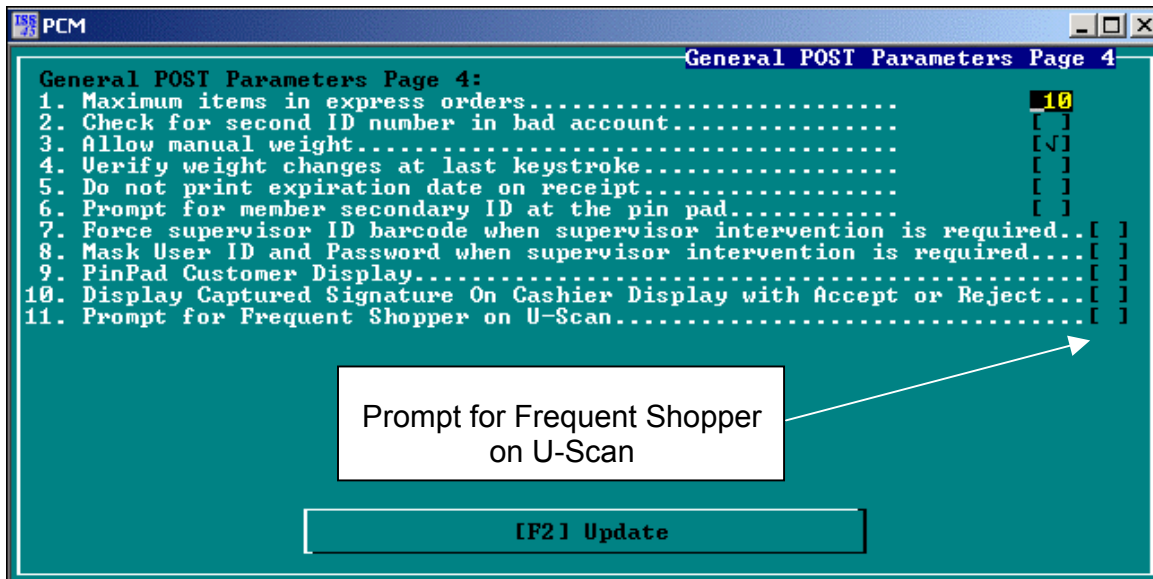
If this parameter is to \$0.00, customer count will continue to increment with every ticket.

9083 – U-Scan Frequent Shopper Prompt

In stores that have implemented hooks tied to the Frequent Shopper Number prompt, a new parameter in this release of ISS45 will enable the Frequent Shopper Number prompt on U-Scan terminals. When configured to display the frequent shopper prompt, U-Scan Frequent Shopper functionality will be the same as on a regular lane.

New Parameter

As part of this new feature the following parameter has been added to the General POST Parameters 4 screen (6-1-2-1-4).



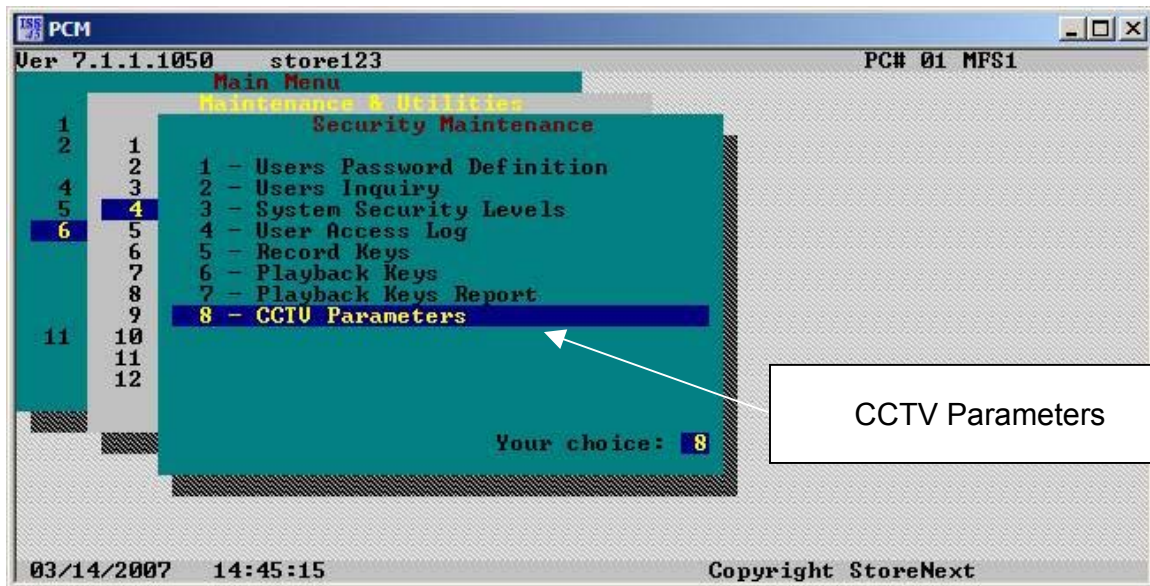
Parameter	Explanation
Prompt for Frequent Shopper on U-Scan	Select this parameter to prompt for Frequent Shopper Number on the U-Scan Terminal.

9118 – WinPOS Interface to CCTV

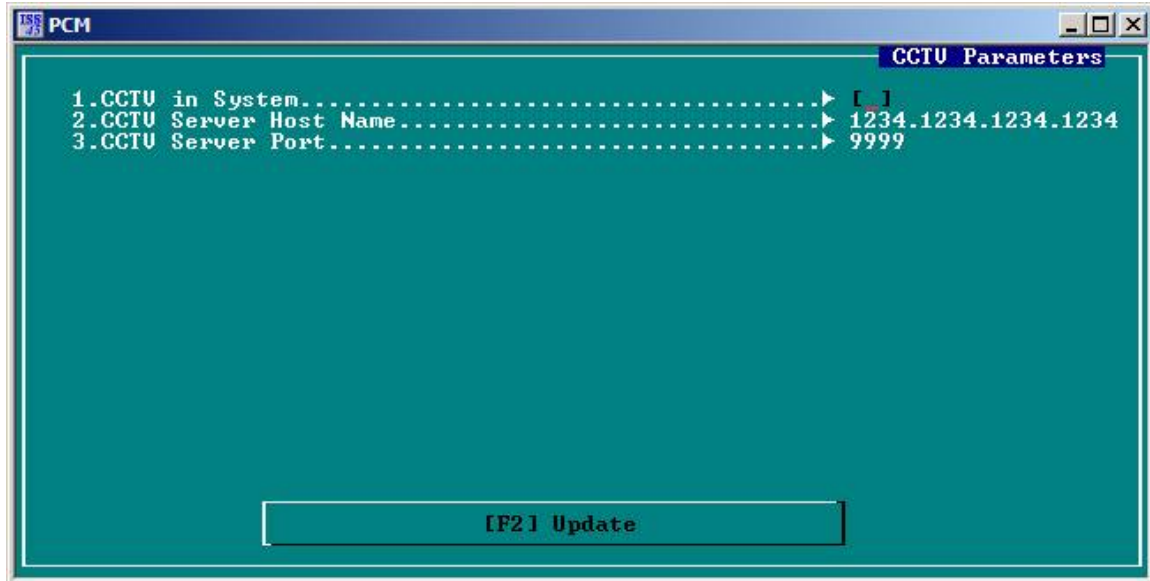
ISS45 now interfaces with third-party Closed Circuit TV (CCTV) applications that monitors cashier credibility and helps reduce theft by cashiers at the lanes. WinPOS will gather specific transaction data, convert it to an XML format and transfer it to a third-party database via TCP/IP.

New Parameters

As part of this new feature the new “8 – CCTV Parameters” menu option has been created under Security Maintenance (6 - 4).



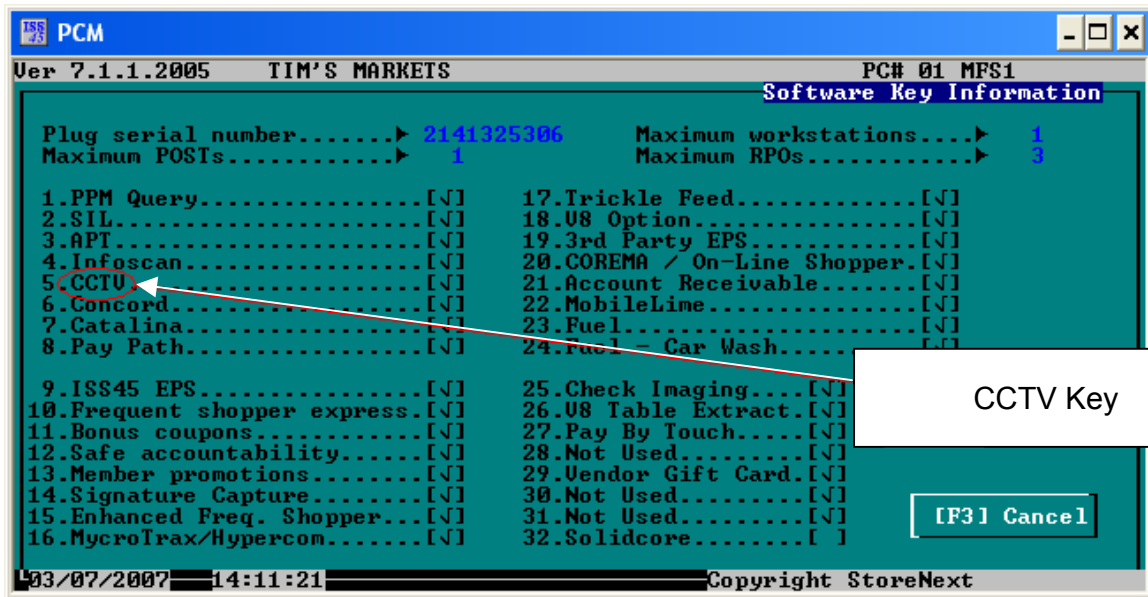
The CCTV Parameters Screen displays as follows:



Parameter	Explanation
CCTV in System	When this parameter is checked, the POS will transmit transaction data via TCP/IP to a third-party CCTV server.
CCTV Server Host Name	This parameter defines the IP address of the CCTV host server.
CCTV Server Port	This parameter defines the port number of the CCTV host server.

New Software Key Flag

The feature is enabled by a bit on the HASP plug. Flag ID #5 is now CCTV within the Software Key Information Screen (6-1-12).



Support Transaction Events and Formats

The following is a list of support POS events and supporting data that is transmitted to a third-party CCTV server:

Event Header

Field Name	Description
Terminal	Terminal which created this string
Operator	Operator number
Authorizer	Manager Code when approval needed (When not needed equals the operator ID)
Time Stamp	Date and Time (YYYYMMDDHHnss)
Transaction Type	String
Transaction ID	Currently not in use

Status	0 = "Ignore_Param" 1 = "Open" 2 = "Success" 3 = "Cancel" 4 = "Access Denied" 5 = "Fail"
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Item Sale & Price Lookup/Inquiry

This event is triggered when an item is scanned or key entered.

Field Name	Description
Till Num	Ticket Number
Item Code	Item's standard code
Description	Item Description
Entry Method	String represents the entry method 1 = "MANUAL" 2 = "SCANNED"
STD Price	Standard Price
Actual Price	Actual Sale Price
Quantity	Item Quantity
Sales Amount	Item total (Price*Quantity)
Required Age	In case that the item is restricted by age.
Actual Age	The customer's actual age

Cash Tender Transactions

Cash and generic type tenders which don't fall into any other tender bucket.

Field Name	Description
Till Num	Ticket Number
Tender Type	Tender ID – Additional tenders may be added due to

	additional development.
Amount	Transaction amount

Credit Card Tender Transactions

All EFT tenders will be sent using this event type (includes Credit, Gift Cards, Debit, EBT Food Stamps and EBT Cash).

Field Name	Description
Till Num	Ticket Number
Tender Type	Tender ID – Additional tenders may be added due to additional development.
Amount	Transaction amount
Card Number	Credit card number (All digits encrypted but the last 4).
Valid Date	Card date-validation
Entry Method	1 = "MANUAL" 2 = "SWIPED"

Check Tender Transactions

For Check Tender transactions only:

Field Name	Description
Till Num	Ticket Number
Tender Type	Tender ID – Additional tenders may be added due to additional development.
Amount	Transaction amount
ABA	Bank and branch number
Account ID	Bank Account Number
Serial	Check Serial Number

Coupon Tender Transactions

All tenders with voucher number will be sent using this event type (includes WIC, non-EBT Food Stamps and coupon tenders).

Field Name	Description
Till Num	Ticket Number
Tender Type	Tender ID – Additional tenders may be added due to additional development.
Amount	Coupon Amount
Serial	Coupon Serial Number

Charge Tender Transactions

In house charge and customer account tender types only.

Field Name	Description
Till Num	Ticket Number
Tender Type	Tender ID – Additional tenders may be added due to additional development.
Amount	Transaction amount
Account Id	Customer Account ID
Account	Account Name

Item Void and Cancel Item

Item Void events corresponding with Keyboard Function #902 (Subtract Next) and Cancel Item events corresponding with Keyboard Function #901 (Cancel Item).

Field Name	Description
Till Num	Ticket Number
Elements	Number of Items that were void
Item Code	Item's standard code
Description	Item Description
STD Price	Standard Price
Actual Price	Actual Sale Price
Quantity	Item Quantity
Sales Amount	Item total (Price * Quantity)

Price Override

Price Override event corresponding with Keyboard Function #930.

Field Name	Description
Till Num	Ticket Number
Item Code	Item's standard code
Description	Item Description
Entry Method	1 = "MANUAL" 2 = "SCANNED"
STD Price	Standard Price
Actual Price	Actual Sale Price – Override Amount
Quantity	Item Quantity
Sales Amount	Item total (Price * Quantity)

Void Ticket

Void ticket event corresponding with Keyboard Function #900.

Field Name	Description
Till Num	Ticket Number
Amount	Ticket Amount
Reason Code	Not supported
Reason Text	Not supported

Return Item

This event is triggered when an item return type is triggered (not a transaction return).

Field Name	Description
Till Num	Ticket Number
Item Code	Item's standard code
Description	Item Description

STD Price	Standard Price
Actual Price	Actual Sale Price – Override Amount
Quantity	Item Quantity
Refund Amount	Item Refund Total (Price*Quantity)

Member Card Entry

Member Card events corresponding with Keyboard Function #932. (**Note:**
- Frequent Shopper is a different event code).

Field Name	Description
Till Num	Ticket Number
Customer ID	Customer ID
Customer Name	Customer Name

Sub Total

This event is triggered when moving from sale mode to tender mode. It can be the result of pressing the **Total** key (or **Enter** key if system parameter is set to accept **Enter** as **Total** key).

Tax and **Tax Amount** fields can be added more than once in the case where more than one tax applies to the ticket sales.

Field Name	Description
Till Num	Ticket Number
Gross Amount	Expected total before promotions
Net Amount	Total Amount Before Tax
Elements	Number of line elements

Tax Line Detail (Multiple records where more than one tax is applied)

Field Name	Description
Tax Name	Tax Description
Tax Amount	Tax Amount

Subtotal and Tax Data

Field Name	Description
Tax Total	Total tax amount – SUM (Tax Amount)
Grand Total	Total Amount including tax.

Tender Correction

Tender Correction events corresponding with Keyboard Function #981.

Field Name	Description
Till Num	Ticket Number

Item Discount

Includes single item promotions and manual discounts (from Discount Maintenance).

Field Name	Description
Till Num	Ticket Number
Item Code	Item's standard code
Discount ID	Discount
Discount Name	Discount description
Discount Value	Discount percentage value
STD Price	Standard Price
Actual Price	Actual Sale Price
Quantity	Item Quantity

Control Check

Events triggered when a control check is executed.

Field Name	Description
Control Check Num	Control check number
Control Check Name	Control check description
Control Check Action	1 = "Warning Only"

	2 = "Supervisor Keylock Required" 3 = "Inhibit Activity" 4 = "Manager Keylock Required" 5 = "Ask Yes/No"
Control Check Status	1 = "Accepted" 2 = "Denied"

Supervisor Transaction

Events triggered when a supervisor number is entered at the POS (i.e. when a cashier has invalid privileges).

Field Name	Description
Supervisor Num	Supervisor number
Entry Method	1 = "MANUAL" 2 = "SCANNED"

Department Sale

Events triggered when cashier rings a department sale.

Field Name	Description
Till Num	Ticket Number
Department Num	Department code
Department Name	Dept Description
Actual Price	Actual Sale Price
Quantity	Dept Quantity
Amount	Dept total (Price * Quantity)
Required Age	In case that the dept is restricted by age.
Actual Age	The customer's actual age

Department Void and Cancel Department

Department Void events corresponding with Keyboard Function #902 (Subtract Next) and Cancel Department events corresponding with Keyboard Function #901 (Cancel Item).

Field Name	Description
Till Num	Ticket Number
Department Num	Department code
Department Name	Dept Description
Actual Price	Actual Sale Price
Quantity	Dept Quantity
Amount	Dept total (Price * Quantity)

Return Transaction

Events triggered when a transaction return type is executed.

Field Name	Description
Till Num	Ticket Number
Amount	Ticket Amount
Reason Code	Not supported
Reason Text	Not supported

Department Return

Events triggered when a return is executed to a department.

Field Name	Description
Till Num	Ticket Number
Department Num	Department code
Department Name	Dept Description
Actual Price	Actual Sale Price
Quantity	Dept Quantity

Amount	Dept refund total (Price * Quantity)
Reason Code	Return number
Reason Text	Return description

Ticket Discount

Events triggered by manual ticket discounts only. (No line details provided – only ticket discount total).

Field Name	Description
Till Num	Ticket Number
Discount ID	Discount
Discount Name	Discount description
Discount Value	Discount total value

Frequent Shopper Number Entry

Frequent shopper entries using keyboard function #961.

Field Name	Description
Till Num	Ticket Number
Customer ID	Customer ID

Post Void

Events triggered when keyboard function #928 is successfully executed and a previously completed ticket was voided.

Field Name	Description
Till Num	New Ticket Number
Reference	Original Ticket Number
Recalled Till Num	Original POS number
Amount	Voided ticket total

Department Discount

Events triggered by manual department discounts only.

Field Name	Description
Till Num	Ticket Number
Department Num	Department code
Discount ID	Discount
Discount Name	Discount description
Discount Value	Discount percentage value
STD Price	Department value eligible for discount
Actual Price	Discount value
Quantity	Quantity

Monetary Flow Transactions

Events triggered by:

- Loans
- Pickups
- Receipts
- Payouts

Field Name	Description
Tender Type	Tender ID – Additional tenders may be added due to additional development.
Amount	Transaction amount
Account	Account ID

Non-Monetary Transactions

Events triggered by:

- Save
- Recall

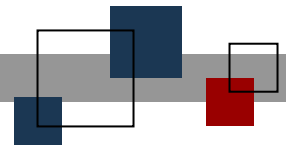
- Start Transaction
- Print Last Ticket
- End Transaction

Field Name	Description
Till Num	Ticket Number

Simple Transactions

The following string types contain only header data:

- Exit WinPOS
- X-Read Report
- Sign On
- Sign Off
- Enter Secure Mode
- Exit Secure Mode



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