






A horizontal row of various colored squares (red, blue, white) and overlapping squares, some with black outlines, positioned above a grey horizontal bar.

*Scan*Master

The ScanMaster logo, consisting of a grid of blue dots arranged in a cross shape, with the word 'ScanMaster' in a serif font overlaid on it.

-  *Release Notes and What's New*
-  *ScanMaster 2.3.1*
- 
- 
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ScanMaster V2 Release Notes and What's New

Date of Issue	Product Identification		Brief Description
	Number	Part Number	
March 2005	45001/082	89000197	2.1.2 Release
February 2006	45001/082	89000275	2.3.0 Release
June 2006	45001/082	89000304	2.3.1 Release Prelim
August 2006	45001/082	89000317	2.3.1 Release Final

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Introduction

Several new features and enhancements were made recently to the ScanMaster system as a result of customer change requests. These changes are reflected in the accompanying 2.03.01-050 software.

These improvements are explained in detail in the following pages and are not included in your ScanMaster 2.03 User Guide or Installation & Support Guide. Please keep this system update with your User Guides for quick reference. If you have any questions regarding this release, please contact StoreNext Support.

EJ Movement Report Enhancements

Manufacturer Coupons with UPC numbers beginning with "05" and "99" (Catalina) are now included in the Electronic Journal Movement Report along with other manufacturer coupons when the Item Type of "5 – Mfg Cpn" is selected for the report. The report is now independent of the Item File so historical movement includes all items and types selected for the report, regardless of whether the items are present in the item table.

In addition, coupons now appear in the report with positive quantities and negative amounts. In previous reports, both the quantities and amounts displayed as negative.

Electronic Journal Movement Report												
Printed On 4/9/2006												
Adj	UPC	Description	Item	Dp	Sd	Commodity	Sell Qty	Sell Price	Avg Price	Quantity	Weight	Revenue
0	0000000000008150082	SUDAFED PE	Unit	44	0	00000000		\$7.69	\$7.69	1	0.00	\$7.69
0	00000000002100077853	KRAFT EASY MAC							\$5.00	2	0.00	\$10.00
0	0000000000360062201	VIVA BIG ROLL PT							\$1.99	1	0.00	\$1.99
0	00000000003700048007	SIMPLY PBTR							\$0.90	2	0.00	\$1.80
0	00000000003800000008	SPAGETTI							\$2.49	2	0.00	\$4.98
0	00000000004100001474	CUP-A-SOUP							\$2.39	2	0.00	\$4.78
0	00000000004300070130	MAXWELL HOUSE							\$2.50	2	0.00	\$5.00
0	00000000004800126720	HELLMANS LGT MAY	Split	2	0	00000000	2 /	\$6.00	\$3.00	2	0.00	\$6.00
0	00000000005111120028	SCOTT VHS TAPE	Unit	1	0	00000000		\$4.99	\$4.99	1	0.00	\$4.99
0	00000000007023000078	TIDY CATS SCOOP	Unit	31	0	00000000		\$5.00	\$5.00	1	0.00	\$5.00
0	00000000052100041050	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.50)	(\$0.50)	1	0.00	(\$0.50)
0	00000000053700000040	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.40)	(\$0.40)	2	0.00	(\$0.80)
0	00000000053800000008	MFG COUPON	Mfg Cpn	1	0	00000000		(\$3.00)	(\$3.00)	1	0.00	(\$3.00)
0	00000000054100025622	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.40)	(\$0.40)	1	0.00	(\$0.40)
0	00000000054300010025	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.25)	(\$0.25)	2	0.00	(\$0.50)
0	00000000054800110075	MFG COUPON	Mfg Cpn	2	0	00000000		(\$0.75)	(\$0.75)	2	0.00	(\$1.50)
0	00000000055111110050	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.50)	(\$0.50)	1	0.00	(\$0.50)
0	00000000990008150082	MFG COUPON	Mfg Cpn	44	0	00000000		(\$2.00)	(\$2.00)	1	0.00	(\$2.00)
0	0000000099360062201	MFG COUPON	Mfg Cpn	1	0	00000000		(\$0.35)	(\$0.35)	1	0.00	(\$0.35)
0	00000000997023000078	MFG COUPON	Mfg Cpn	31	0	00000000		(\$1.50)	(\$1.50)	1	0.00	(\$1.50)

Coupon redemption quantities are positive

New PocketOffice Modules for ScanMaster


Two newly supported PocketOffice™ Modules are available with the release ScanMaster 2.03.01-050: Remote Manager Authorization (RMA) and Q-Buster™.

Remote Manager Authorization (RMA)

Remote HHCs (Hand-held Computers) running PocketOffice may now remotely perform POS manager approvals. When a Manager ID is required at a POS Workstation, the POS will prompt for the ID on the Operator Display as normal. If Remote Manager Approval is enabled, the request will also be sent to HHCs running PocketOffice RMA along with ticket transaction data. An employee ID that sends an approval will be verified for manager status. If confirmed as a manager:

- The POS will sound a tone
- “REMOTE APPROVAL - PRESS CLEAR” will display.

Req:01 Trn:01005673 05/09/06 11:35:39 AM



REMOTE APPROVAL - PRESS CLEAR

Approved by
PocketOffice RMA User

GROCERY	\$20.00	F
PEPSI	\$0.99	TF

FS Total: \$20.99 Cpn Total: \$0.00
of items : 2 Tax Total: \$0.01

TOTAL: \$21.00

ScanMaster V2.03.01.06 Cashier:FRANK


- The employee ID will be written to the TLOG

Note:

The POS Workstation Setting "Minimum Security Level for Mgr" (Security Tab) determines which employees are managers.

If the PocketOffice RMA user declines the approval the manager ID prompt will change to "ENTER MANAGER ID (POS ONLY)".

Req:01 Trn:01005673 05/09/06 11:38:12 AM



ENTER MANAGER ID (POS ONLY)

GROCERY \$20.00 F
PEPSI \$0.94 TF
PEPSI \$0.99 TF

FS Total: \$21.93 Cpn Total: \$0.00
of items : 3 Tax Total: \$0.02

TOTAL: \$21.95

ScanMaster V2.03.01.06 Cashier:FRANK

Declined by
PocketOffice RMA User

PocketOffice RMA transaction information is listed below and displayed on three separate tabs: Ticket, Item and Restrictions.

Item

The screenshot shows a software interface for a control check. At the top, it says 'Control Check #38' and 'ATTEMPT LINE ITEM'. Below that is a blue bar with the word 'Approvable'. There are three tabs: 'ITEM', 'TICKET', and 'RESTRICTIONS', with 'ITEM' selected. The main area contains a table with the following data:

PLU	120000013
Qty	1
Description	PEPSI
Dept #02	GROCERY
Type	Unit
Price	\$0.99
Return / Refun	No
Item Scanned	No

At the bottom of the screen, there is a status bar showing 'POS 1 FRANK' and '11:38'. Below the status bar are four buttons: 'POS', 'Appr.', 'Ignore', and 'Exit'.

- PLU
- Qty
- Item Description
- Dept # and Descriptions
- Item Type
- Price
- Return / Refund (Yes / No)
- Item Scanned (Yes / No)

Ticket

Control Check #38	
ATTEMPT LINE ITEM	

Approvable	
ITEM	TICKET RESTRICTIONS
Total Sale	\$21.95
Amount Due	\$21.95
# of items	3
FS Total	\$21.93
Tax Total	\$0.02
Cpn Total	\$0.00
POS 1	FRANK 11:38
POS Appr. Ignore Exit	

- Total Sale
- Amount Due
- # of Items
- FS Total
- Tax Total
- Cpn Total
- # of Tenders
- (tender list by type and amount)

Additional Info

Control Check #38

ATTEMPT LINE ITEM

Approvable

ITEM | TICKET | RESTRICTIONS

Discount #	1
Discount Desc	SENIOR

POS 1 FRANK 11:38

POS Appr. Ignore Exit

- See Restrictions Tab Fields on the chart below

Whether or not the tab is enabled depends on the operation being performed on the POS Workstation. The chart below explains when each tab is enabled (Yes) or disabled (No) along with what information displays on the Restrictions Tab.

Description	Ticket Tab (T) / Item Tab (I) / Additional Info Tab Enabled (A)			Restriction Tab Fields
	T	I	A	
VOID	Yes	No	Yes	Void Amount / Sale Void Amount
ERROR CORRECT	Yes	Yes	No	
RETURNING TO SALE	Yes	No	No	
ATTEMPTING CHECK CASH	No	No	No	
RETRIEVING TRANSACTION	No	No	No	
ENTERNG ACCT MENU	Yes	No	No	
MONEY ORDER SALE	Yes	No	Yes	Money Order Amt
GIFT CERTIFICATE SALE	Yes	No	Yes	Gift Cert Amount

Description	Ticket Tab (T) / Item Tab (I) / Additional Info Tab Enabled (A)			Restriction Tab Fields
CASH ONLY CUSTOMER OVERRIDE (Instore Charge Acct Entry)	Yes	No	Yes	Tender Name / Amount / Customer Name / Customer Acct
CASH ONLY CUSTOMER OVERRIDE (Positive Check Acct Entry)	Yes	No	Yes	Tender Name / Amount / Customer Name / Customer Acct
CASH ONLY CUSTOMER OVERRIDE (Enter Item / Amount)	Yes	No	Yes	Customer Name / Customer Acct
CANCEL TRANSACTION	Yes	No	No	
ATTEMPTING COUPON PAIDOUT	No	No	No	
ATTEMPTING MEDIA SWAP	No	No	No	
ATTEMPTING PAIDIN/PAIDOUT	No	No	Yes	Action
ATTEMPTING PRICE OVERRIDE	Yes	Yes	No	
MANAGER REPORT CODE	Yes	Yes	Yes	Report Code / Prompt
ATTEMPTING TO UNLOCK IDLE MODE	Yes	No	No	
ENTERING REPORTS MENU (outside sale)	No	No	No	
ENTERING UTILITIES MENU	No	No	No	
CHANGING CONVERSION RATE	No	No	No	
ATTEMPTING PICKUP/LOAN (outside sale)	No	No	No	
ENTERING REPORTS MENU (beginning of sale)	No	No	No	
ATTEMPTING QTY ENTRY	Yes	No	Yes	Qty
ATTEMPTING REFUND/RETURN	Yes	No	No	
SIGNOFF WITHOUT SECURITY #	No	No	No	
ATTEMPTING GIFT CARD CASHOUT	No	No	No	
SUSPENDING TRANSACTION	Yes	No	No	
INSTORE CHARGE STATUS (after prompt)	Yes	No	Yes	Tender Name / Charge Status / Amount / Status Required /

Description	Ticket Tab (T) / Item Tab (I) / Additional Info Tab Enabled (A)			Restriction Tab Fields
				Customer Name / Customer Acct
INSTORE CHARGE LIMIT EXCEEDED (after prompt)	Yes	No	Yes	Tender Name / Current Balance / Amount / Credit Limit / Customer Name / Customer Acct
INSTORE CHARGE NON-ZERO BALANCE (after prompt)	Yes	No	Yes	Tender Name / Current Balance / Amount / Customer Name / Customer Acct
SIGN ON TRAINING MODE	No	No	No	
NOSALE	No	No	No	
DYNAMIC CUSTOMER BUILD	Yes	No	Yes	Account
ATTEMPT LINE ITEM DISCOUNT	Yes	Yes	Yes	Discount # / Discount Desc
ATTEMPT SALE DISCOUNT	Yes	No	Yes	Discount # / Discount Desc
RETURN OVER ITEM LIMIT	Yes	Yes	Yes	Price / Item Return Limit
RETURN OVER SALE LIMIT	Yes	Yes	Yes	Price / Sale Return Limit
DRAWER LIMIT REACHED	No	No	Yes	Limit
HIGH/LOW ERROR (after prompt)	Yes	No	No	
CHECK APPROVAL NEEDED (control code and velocity - after prompt)	Yes	No	Yes	Reason / Check Amount
MANUAL RANDOM WEIGHT ENTRY	Yes	No	Yes	PLU
ABORTING CARD ACTIVATION	Yes	No	Yes	Card Amount
ATTEMPTING TAX EXEMPT	Yes	No	Yes	Tax
OVER TENDER LIMIT OVERRIDE	Yes	No	Yes	Tender Type / Tender Amount / Total Due / Over Tender Attempt / Over Tender Limit
MAX TENDER LIMIT OVERRIDE	Yes	No	Yes	Tender Type / Tender Amount / Total Due / Tender Limit
CHECK FEE OVERRIDE	Yes	No	Yes	Check Amt / Fee Amount / Cash Value
CHECK DECLINE OVERRIDE REQUESTED (V2 EFT - EPI)	Yes	No	Yes	Check Amount
CHECK DECLINE OVERRIDE	Yes	No	Yes	Check Amount

Description	Ticket Tab (T) / Item Tab (I) / Additional Info Tab Enabled (A)			Restriction Tab Fields
REQUESTED (Concord)				
TENDER REVERSAL ABORTED (mult clear @ card swipe - EPI)	Yes	No	No	
EFT MANAGER REQUESTED (OpenEPS origin prompt)	Yes	No	No	
SIGNATURE REJECTION AND VOID	Yes	No	No	
CASHIER AGE RESTRICTION	Yes	Yes	Yes	Cashier Age / Required Age
AGE RESTRICTION DECLINE	Yes	Yes	No	

New POS Workstation Setting

To support this new PocketOffice module, the following new POS Workstation Setting is implemented in this release:

Enable Remote Manager Approval [Security]

One (1) character alpha field. This field requires **Y** for Yes or **N** for No. Setting this to "Yes" will activate the PocketOffice RMA on the POS Workstation.

Q-Buster

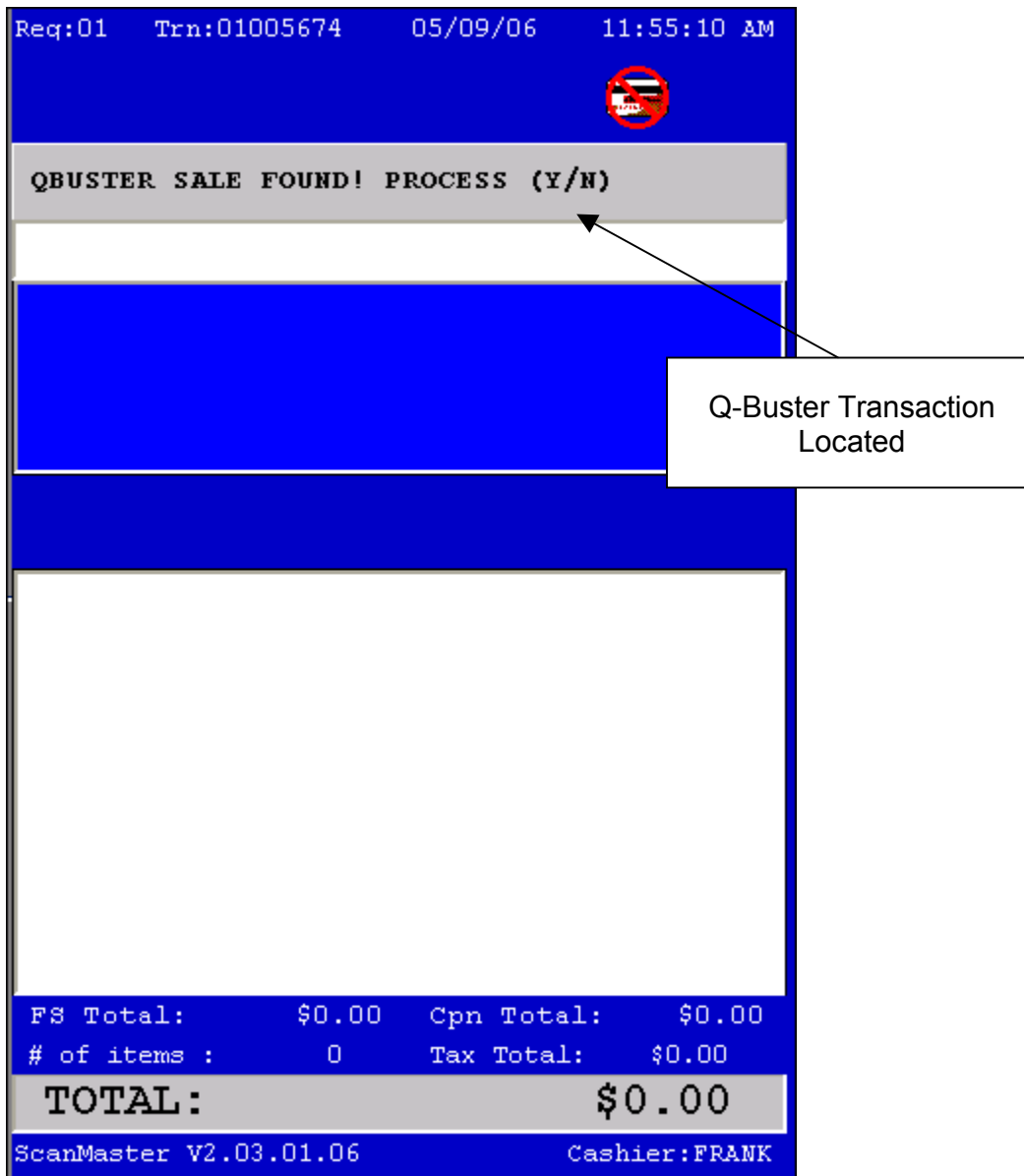
PocketOffice Q-Buster turns your HHCs into portable checkout lane scanners. At a convenient location in the store, the PocketOffice user scans the shopping basket items into a temporary POS transaction using a Frequent Shopper Card or a temporarily issued Q-Buster Card.

Note:

A temporarily issued Q-Buster Card must carry a type 4 UPC number as is carried on the Frequent Shopper Card.


When the customer reaches the POS, the card is re-scanned in the lane and identified as a Q-Buster transaction:

- “QBUSTER SALE FOUND! PROCESS (Y/N)” will display at the POS Workstation.




- If **Enter/Yes** is pressed, the Q-Buster sale will process and automatically ring all items previously entered. The transaction may be immediately totaled and tendered.

Req:01 Trn:01005674 05/09/06 11:55:59 AM
CUSTOMER:



ENTER ITEM / AMOUNT

U:7800008240
DR PEPPER \$0.89



NESTLE H2O	\$0.99
DR PEPPER	\$0.89

Q-Buster Items Loaded

FS Total: \$0.00 Cpn Total: \$0.00
of items : 2 Tax Total: \$0.00

TOTAL: \$1.88

ScanMaster V2.03.01.06 Cashier:FRANK

- If items in the file require some cashier intervention, the POS will prompt the cashier as it would normally and continue once the cashier has intervened as prompted.
- If **Clear/No** is pressed, the Q-Buster file will be bypassed and a typical transaction will be started (with the Frequent Shopper Card number entered).

Even in situations where additional items need to be added or produce items need to be weighed, time spent in the lane is minimal and customer satisfaction is maximized.

Note:

If an item is set to Enforce Quantity, the quantity sent from PocketOffice will be used and no prompt will appear. Likewise, if the POS Workstation Setting “Security on Quantity Entry” (Security Tab) is set to “Yes” it will be ignored for Q-Buster transactions.

Configuring PocketOffice for Q-Buster

There are two configuration steps before Q-Buster can be implemented:

1. Configure the PocketOffice Server
2. Configure the HHC Q-Buster Settings

Configure the PocketOffice Server

This process involves configuring the PocketOffice Server, the program that manages all communications between the device and the Server.

- 1 From the Start Menu – select **Programs – RPO** and select **RPOServer**.

Note:

RPOServer is loaded automatically at Startup. If it is already running, a message will appear. Tap **OK** to continue.

- 2 Select **Settings** under the Settings menu on the toolbar.
- 3 Click the **Ports** tab.
- 4 Highlight (click) **TCP/IP Port** in the Ports window.
- 5 Please note the following new setting within the Ports Tab. If the folder location needs to be altered, click the ellipsis cell () and navigate to that location.
 - **Incoming Folder** - Enter **<LAN Drive>:\Grocery\Files\QBUSTER**.
If the folder does not exist, the system will prompt to have the folder created. Answer “Yes”.
- 6 Click **OK**.
- 7 Click **File** and select **Exit** to close the RPOServer.
- 8 From the Start Menu – select **Programs – RPO** and select **RPOServer** to restart RPOServer.

Configure the HHC Q-Buster Settings

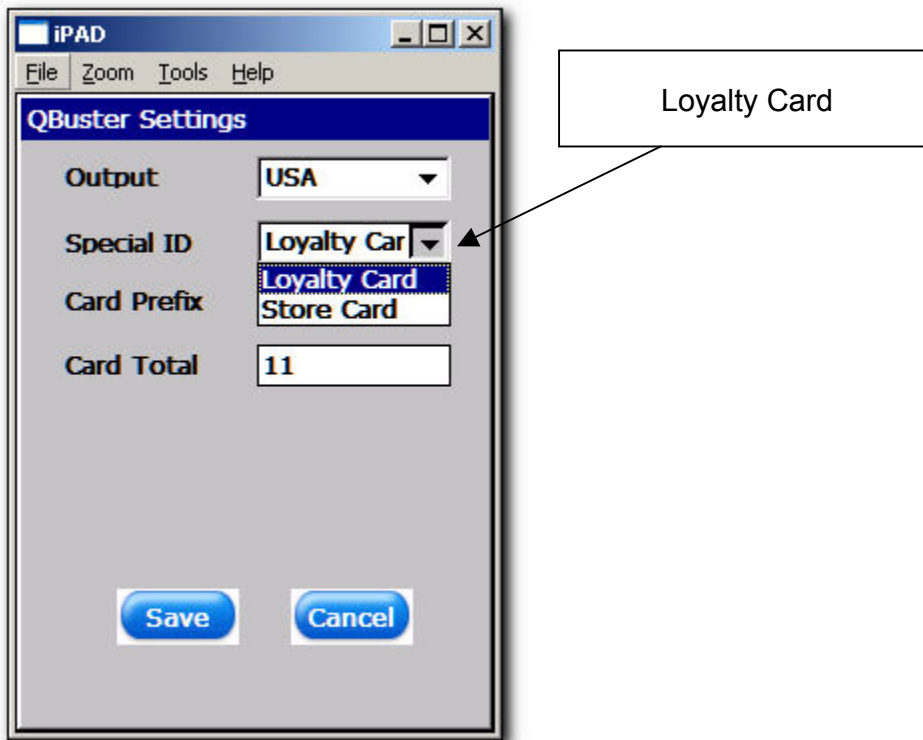
From each HHC that will use Q-Buster, perform the following steps:

- 1 Tap the **Utils** icon at the top of the HHC, and then tap **Settings** from the popup menu.

Note:

You will be prompted for a user name and password. The Administrator login is a User Name of **0** and the Password of **9999**.

- 2 Ensure that that **ScanMaster V2** appears after the HHC ID field and tap the **QBuster** button (at the bottom of the screen).
- 3 Tap the **Special ID** field selection arrow and select **Loyalty Card**.



- 4 Tap inside the **Card Prefix** field and enter the number digits in the card prefix.
- 5 Tap inside In the **Card Total** field and enter the total number of digits on the card.

Note:

If the store's Loyalty Card program uses UPC Type 4, then set the Card Prefix to 4 and the Card Total to 11.

- 6 Tap inside the **Card Total** field and enter the total number of digits in the store card (up to a maximum of 8).

- 7 Tap **Save**.
- 8 Exit Settings and PocketOffice.
- 9 Restart the PocketOffice application.

Note:

Neither Q-Buster nor RMA is functional when the POS is offline. Q-Buster cannot be used on self-checkout terminals.

Electronic Coupons added to UMI Interface

Electronic Coupons are now represented in the ScanMaster Universal Marketing Interface (UMI). This feature allows coupon issuers the ability to determine what Electronic Coupons were presented to the customer.

UMI files are written to the <LAN Drive>:\Grocery\Files\UMI folder using the LLTTTTTT.UMI filename (where LL is the lane number and TTTTTT is the transaction number). A new function code (L) is now supported for Electronic Coupons (see layout below). In addition, Message Type “L” (Electronic Coupon) has been added to the list of existing UMI Message Data Types.

Note:

The POS Workstation Setting “Enable Unvrsl Mrkting Interface” (Promotions Tab) determines whether ScanMaster transmits information for the third-party promotional interface.

Electronic Coupons

Field Name	Field Length (Bytes)	Field Type	Notes
Function Code	1		L = Electronic Coupon
Sequence #	5		
Type	1		1 = UCI 2 = ScanMaster UPC 3 = ScanMaster Mix & Match 4 = ScanMaster Report Code 5 = ScanMaster Bundle Code 6 = ScanMaster Promo Code 7 = ScanMaster Department 8 = ScanMaster Total Sale
Lookup Code	20	RJ0	
Status	1		0 = Normal 1 = Void
Discount Sponsor	1		0 = Store 1 = Manufacturer
Department	4	RJ0	

Field Name	Field Length (Bytes)	Field Type	Notes
Description	20	LJS	
Qty	2	RJ0	
Amount	6	RJ0	2 Decimal Places (9999.99)
Blank	95	0F	

Field Types: RJ0 (Right-Justified, Zero-Filled), LFS (Left Justified), 0F (Zero-filled)

In addition, if an Electronic Coupon is voided, a void Electronic Coupon record is sent through the Universal Marketing Interface (see Status field above).

Optional EJ Database Copy

A new Back Office Setting in this release of ScanMaster makes the copy of the Electronic Journal Database an optional step within End-of-Day Processing. The copy adds additional processing time determined by the size of the EJ Database. If the copy is not made, an entry will be made in the EOD.LOG file (located in the <DEF Drive>:\Grocery\Files\Log folder) stating that the copy was skipped per the Back Office Setting.

Note:

The EOD process copies all files with a .BTR extension from the <LAN Drive>:\Grocery\Files\ to the <DEF Drive>:\Grocery\Files as long as they are valid Pervasive Btrieve files. The EJ*.BTR and EB*.BTR may be omitted depending on the new Back Office Setting.

New Back Office Setting

The following new Back Office Setting is found in the System Configuration Editor.

Note:

Back Office Settings are changed using the fields listed under the column headed by the computer's name within the Global/Store and BackOffice Tabs.

Disable EOD copy EJ Database This field requires a Yes or No. If set to "Yes", End-of-Day Processing will omit the copy of the Electronic Journal Database. The default setting is "No".

MTXEPS OpenEPS Interface

ScanMaster now interfaces to MTXEPS's OpenEPS API to deliver EFT terminal and host connectivity to the POS and supply EFT authorization and customer data capture.

The API consists of two main parts: The RS232 Interface to the payment terminal application and the TCP/IP interface to the WinEPS controller application.

The feature set available in this release is as follows:

- Tender Approvals
 - MasterCard, Amex, Discover, Visa
 - Debit Card
 - Paper Checks
 - Payroll Check
 - ACH – Electronic Check
 - EBT – Food Stamp
 - EBT – Cash
 - Debit Conversion
 - Check Conversion
 - Gift Card
 - Vendor Gift Card (with Inquiry and Activation / Recharge)
- Signature Slip Printing (with support for OpenEPS supplied slips)
- Capture of Frequent Shopper ID
- Signature Capture (with applicable tenders)
- Information Re-prompts (such as Pin Re-Entry)
- Gift Card Activation, Recharge and Cash Out

Note:

ScanMaster Release 2.03.01-050 requires MTXEPS WinEPS Version 817.0 (or higher). Any payment terminal approved by MTXEPS is available for use on ScanMaster.

The following notations are listed below for each feature that may differ from present ScanMaster EFT functionality.

Check Conversion

Note:

The configuration of Signature Capture is set in the WinEPS system. The POS Workstation Setting “Enable Elec Signature Capture” [EFT Tab] is not applicable and will have no effect on WinEPS.

- The following prompts appear at the POS if check conversion is detected:
 - CHECK CONVERTED TO ECC
 - RETURN CHECK TO CUSTOMER
 - PRESS ENTER TO CONTINUE
- If Media Configurator setting “Enable Check Writing” is set to “Yes”, the prompt “WRITE CHECK (Y/N)?” will also display. If Yes is entered, the conversion will be skipped and the check writing routine will start with the following steps:
 - The prompt “INSERT CHECK FOR VOIDING” will display.
 - The pay amount string will print with “CONVERTED TO ECC----VOID----”.
- The receipt tender description displays as “CHECK (ECC)”
- The Signature Slip authorization statement has been changed to:

```
I authorize the merchant to convert my check to an
Electronic Funds Transfer or paper draft, and to debit my
account for the amount of the transaction. In the event
that my draft or EFT is returned unpaid, I agree that a fee
of $25.00 or the maximum allowed by law may be charged to my
account via draft or EFT.
```

Signature Capture Verification

- A new POS Workstation Setting (see below) controls if a new routine is implemented to verify a customer’s signature (to check for valid a signature and/or verify the resemblance to the signature on the back of the card).
- The signature captured will either appear at the POS or the message “NO SIGNATURE CAPTURED” will display. If properly captured, the

“ACCEPT SIGNATURE?” displays with the button options to VOID, CLEAR or YES.

Req: 03 Trn: 03022043 05/10/06 2:57:33 PM

ACCEPT SIGNATURE?

Mark Nelson

Void **Clear** **Yes**

FS Total:	\$1.54	Cpn Total:	\$0.00
# of items :	1	Tax Total:	\$0.02
TOTAL:	\$1.56		

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- CLEAR will initiate a restart of the signature capture process.
- VOID will initiate the “VOID TENDER? ARE YOU SURE (Y/N)” prompt.
 - If the cashier enters “NO”, the signature will be redisplayed for approval.
 - If the cashier enters “YES”, the “MANAGER ID” prompt will display. When the manager override is successful, the tender will be reversed and the tender screen will redisplay.

Note:

Please see *Electronic Journal Reports* in Chapter 11 of the ScanMaster 2.03 User Guide for more information on viewing Signature Captures as well as Check Images from the back office.

Please see *Signature Capture Files* in Chapter 4 of the ScanMaster 2.03 Install Guide for more information on how Signature Capture files are collected and handled.

Signature Slips

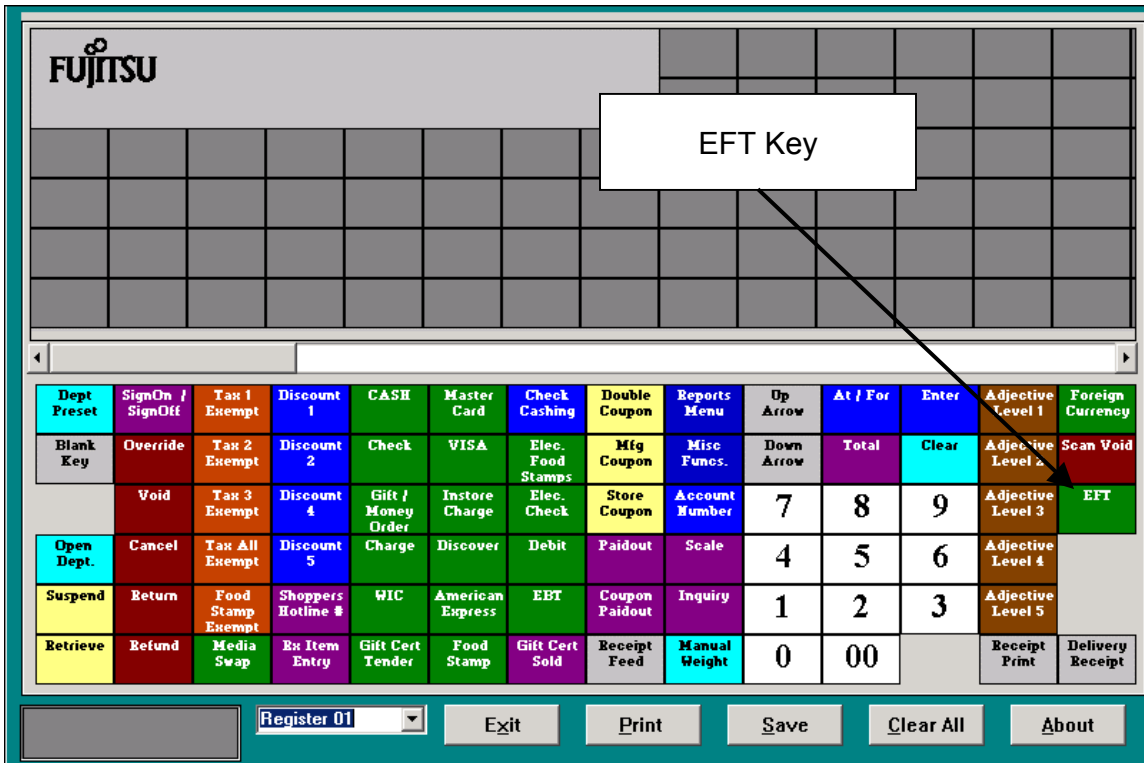
- A new POS Workstation Setting (see below) controls if the signature slip(s) from OpenEPS will print instead of the ScanMaster receipts.

Note:

Existing POS Workstation Settings “Print 2nd Paymnt Slip for Cust” and “Reverse Order of Paymnt Slips” [Receipt Tab] are still applicable for WinEPS purposes.

EFT Tender Key

- A new POS Workstation Setting (see below) controls if the EFT Tender Key is available in the hard key (Fujitsu92M, NCR56 and NCR64) and dynamic key (Dynakey, Fujitsu Touch) POS keyboards. In dynamic keyboards, the 7th key is configured for WinEPS and text displays as “EFT”.



RegStart.DAT

The following new RegStart.DAT parameter will initialize OpenEPS API on the POS Workstation:

/PAYMENT:OPENEPS

Note:

The POS Workstations C:\GROCERY\REGSTART.DAT file contains the parameters that are called whenever ScanMaster is started on the POS Workstation.

When run, ScanMaster HASP Security will be checked to see if the OpenEPS API has been authorized to run. If not, the message “This register is configured, but not permitted, to do the following: Electronic Payments” will display.

New POS Workstation Settings

To support the WinEPS/OpenEPS interface, the following new POS Workstation Settings are implemented in this release:

Cashier Verify Elec Signature [EFT]

One (1) character alpha field. This field requires **Y** for Yes or **N** for No. If set to “Yes”, the captured signature will display on the POS for approval.

Default Open EPS Sig Slips [EFT]

One (1) character alpha field. This field requires **Y** for Yes or **N** for No. If set to “Yes”, and receipt information has been passed from the MTXEPS OpenEPS API interface, the signature slip(s) from OpenEPS will print instead of the ScanMaster receipts.

Enable OpenEPS EFT Tender Key [EFT]

One (1) character alpha field. This field requires **Y** for Yes or **N** for No. If set to “Yes”, the EFT tender key (for MTXEPS OpenEPS) will be available for using within the ScanMaster Keyboard Configurator.

Vendor Gift Card Differentiation

Vendor Gift Cards using MTXEPS are differentiated from Vendor Gift Cards using ScanMaster's Universal Payments Interface. The ScanMaster Universal Payments Interface (Version 2) requires that In-House Gift Cards be of a MSR-based type while the Vendor (Mall) Gift Cards be a Scan EAN128-based type. This is how the interface distinguishes between the In-House and Vendor Gift Cards. If a Vendor Gift Card is purchased by scanning the EAN 128 barcode, the information is stored for automatic system retrieval for the activation process rather than asking the cashier to re-scan the Gift Card. Vendor Gift Cards are not accepted as a tender media.

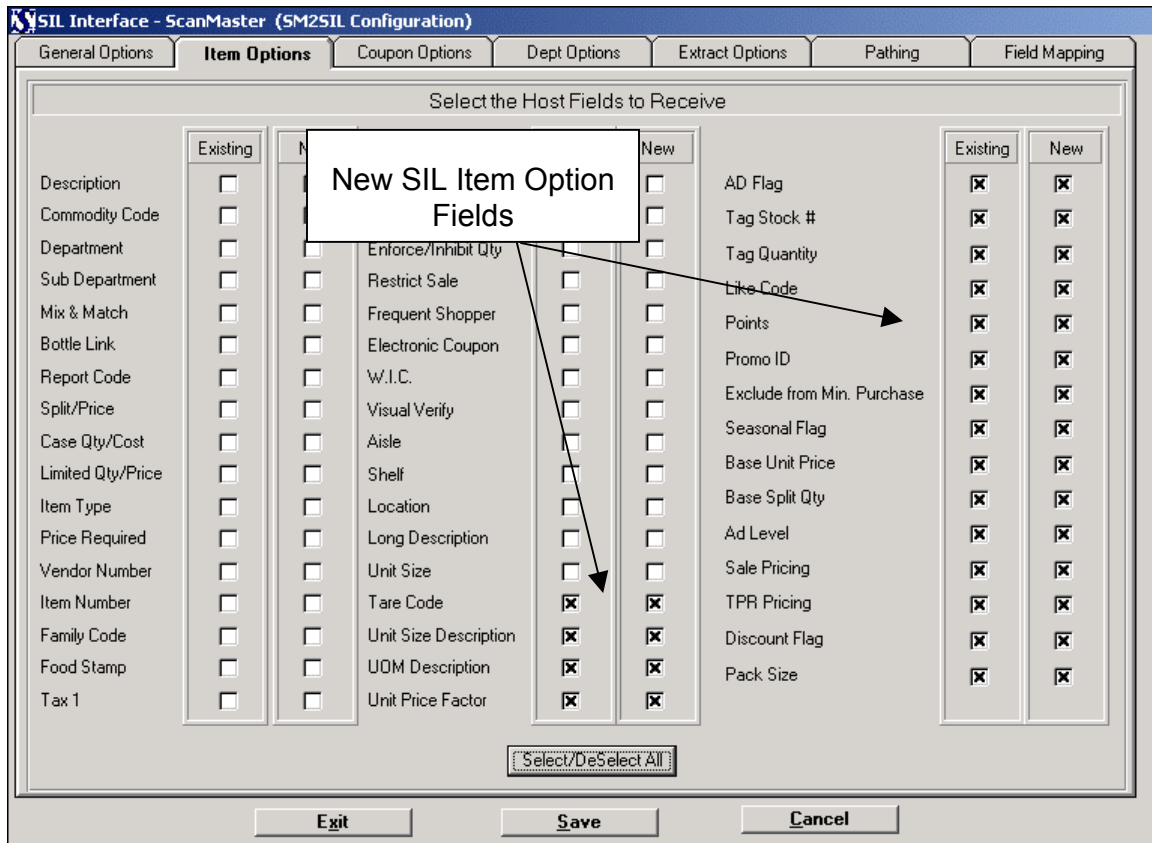
ScanMaster SIL Enhancement

The ScanMaster SIL (Standard Interchange Language) configuration program has been modified to support additional fields. This will allow a user to disable host overwriting of fields that were being overwritten using previous ScanMaster versions.

The Item Options Tab of SIL Interface Configuration Screen displays the newly configurable fields, beginning with **Tare Code** and ending with **Pack Size**.

Note:

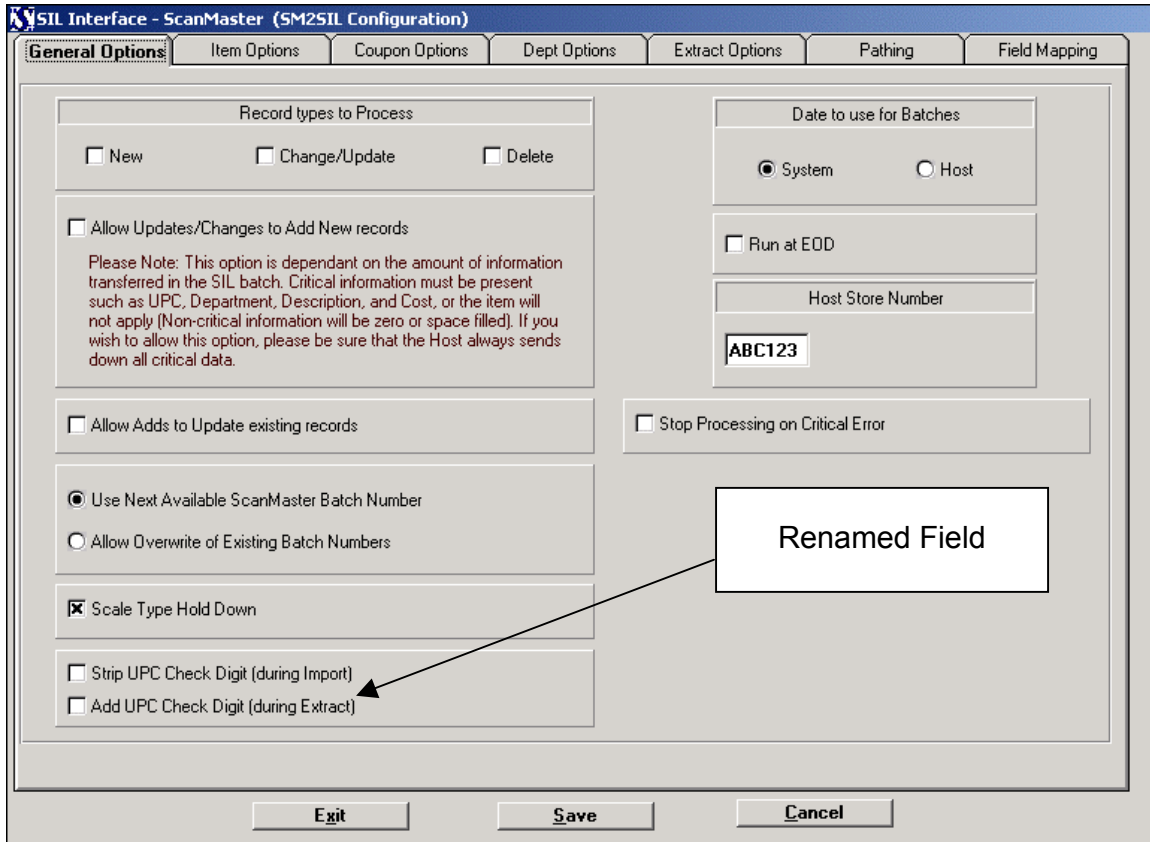
A check in the Existing Column allows the SIL Processor to update this field for existing records. A check in the New Column allows the SIL Processor to write this field for new records.



Note:

The Item Options Tab has one field each for Sale Pricing and TPR Pricing. For these fields to be used, the Quantity, Price, Start Date and End Date data fields from host must be valid.

The General Options Tab checkbox **Add UPC Check Digit (during Movement)** has been reworded to **Add UPC Check Digit (during Extract)**. When checked, the SIL Processor will add the UPC Check when extracting file data.



Item Report Enhancement

The Promotion Code field may now be displayed on the ScanMaster Item Report and used for report search criteria purposes. (The code is a 20-digit ScanMaster Item Maintenance field used to attach items to Promotion Code Electronic Coupons within Electronic Coupon Maintenance).

The Item Report Screen now contains two new tabs: Configuration and Promotion Code. The Configuration Tab displays the existing Configuration File Name field (previously identified in the Miscellaneous section) where the path and filename of report specifications may be saved (and later recalled using the Load Button). The Promotion Tab contains the Promotion Code Start and End fields for item search criteria purposes.

The screenshot displays the ScanMaster Item Report configuration interface. A callout box labeled "Promotion Code Tab" points to the "Promotion Code" section. The interface is organized into several sections:

- UPC Code:** Start (00000000000000000000), End (9999999999).
- Department:** Start (01), End.
- Sub Dept:** Start (000), End (999).
- Item Type:** Start (0-Unit), End (5-Mfg Cpn).
- Report Code:** Start (0000), End (9999).
- Com Code:** Start (00000000), End (99999999).
- Price Range:** Start (\$0.00), End (\$9999.99).
- Ad Level:** Start (0), End (9).
- Bottle Link:** Start (00), End (99).
- Max Records:** 999999.
- Sort Order:** ASCENDING.
- Configuration:** Promotion Code Start (00000000000000000000), End (99999999999999999999).
- Promotion Code:** Show On Report (radio buttons for Item Statuses and Promotion Codes).
- Speed Settings:** Zero Movers ONLY, Export Label File, WIC Items ONLY, Price Lock ONLY, Index (1-UPC Code).

Buttons at the bottom include Create, Load, Default, Exit, Save, and About.

In addition, the Item Statuses and Promotion Code radio buttons determine whether to include the 20-digit Promotion Code in the report or to include the traditional item status columns.

The Promotion Code Start and End fields are used as part of the search criteria even if the report is still set to display Item Statuses. The range will display in the report's Selection Criteria even though they are not physically on the report. This allows the store to select a range of Promotion Codes but still see normal flags on those items.

Promotion Code Column

PLU Item Report
Printed on 3/23/2006

UPC	Description	Dp	SDp	IType	UPrice	Split Price	LPrice	Promotion Code	Ad
00000000000000000017	WALSTREET JRNL	24		0 Unit	\$0.75	0/\$0.00	0/\$0.00	0000000000000000001	0
00000000000000000030	HUMUS SPECIAL	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000030	0
00000000000000000032	KIDNEY BEANS	6		0 Unit	\$1.00	0/\$0.00	0/\$0.00	00000000000000000004	0
00000000000000000034	TEST TRUE BOGO	1		0 Split	\$39.99	2/\$39.99	0/\$0.00	00000000000000000001	0
00000000000000000060	BEER	9		0 Unit	\$10.00	0/\$0.00	2/\$5.00	0000000000000000001	0
00000000000000000061	BEER	9		0 Split	\$2.00	2/\$2.20	0/\$0.00	00000000000000000022	0
00000000000000000062	MICHALOB	9		4 Unit	\$3.99	0/\$0.00	0/\$0.00	00000000000000000033	0
00000000000000000063	MICHALOB BEER	9		0 Unit	\$9.99	0/\$0.00	0/\$0.00	00000000000000000044	0
00000000000000000064	MICHALOB LIGHT	9		0 Unit	\$10.99	0/\$0.00	0/\$0.00	00000000000000000055	0
00000000000000000065	MILLER LITE	9		0 Unit	\$5.99	0/\$0.00	0/\$0.00	00000000000000000066	0
00000000000000000066	BEER MUG	9		0 Unit	\$4.00	0/\$0.00	0/\$0.00	000000000000000077	0
00000000000000000067	CORONA LIGHT	9		6 Unit	\$4.00	0/\$0.00	0/\$0.00	000000000000000088	0
00000000000000000090	CHEE POT PIEROGI	1		3 Unit	\$5.00	0/\$0.00	2/\$5.00	000000000000000098	0
00000000000000000092	POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000002	0
00000000000000000093	BUTTER POPCORN	1		0 Unit	\$0.00	0/\$0.00	0/\$0.00	00000000000000000004	0
00000000000000000094	CHEESE POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000123	0
00000000000000000095	GARLIC POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000007	0
00000000000000000096	CARMEL POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000022	0
00000000000000000097	CHEDDA POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000023	0
00000000000000000098	MAPLE POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000030	0
00000000000000000101	PARMESAN POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000050	0
00000000000000000102	ORVILLE POPCORN	1		0 Unit	\$4.00	0/\$0.00	0/\$0.00	00000000000000000051	0
00000000000000000103	WHITE RSPBRY	4		0 Unit	\$22.00	0/\$0.00	0/\$0.00	00000000000000000052	7
00000000000000000104	STRAWBERRIES	40		0 Scale	\$0.75	0/\$0.00	0/\$0.00	00000000000000000077	3
00000000000000000108	BLUE MARKER	1		2 Split	\$2.00	2/\$2.00	0/\$0.00	00000000000000000001	0
00000000000000000119	JUICE	1		0 Unit	\$5.00	0/\$0.00	0/\$0.00	00000000000000000007	0
00000000000000000123	CHOC BROWNIES	1		0 Unit	\$1.50	0/\$0.00	0/\$0.00	00000000000000000123	3
00000000000000000302	CAMPB CHICK NOOD	1		0 Unit	\$2.49	0/\$0.00	0/\$0.00	00000000000000000001	0
00000000000000000702	HEINZ KETCHUP	1		3 Unit	\$7.77	0/\$0.00	0/\$0.00	00000000000000000054	0
00000000000000000411	BANANAS	6		0 Scale	\$0.59	0/\$0.00	0/\$0.00	00000000000000000070	0
00000000000000000414	LEAF LETTUCE	6		0 Scale	\$1.00	0/\$0.00	0/\$0.00	00000000000000000070	0
00000000000000000245	SKTUNA	1		0 Unit	\$0.85	0/\$0.00	0/\$0.00	00000000000000000070	0

When the Item Statuses button is selected the following columns display on the report (and the Promotion Code is omitted).

Fs: This field displays the food stamp status of the item. F = Food Stamps, N = No.

Tax: This column will display the tax types in effect for the item: 1, 2 and/or 3. If all tax types are enabled for this item, "123" will display in this column.

D14: This field displays the discount status of the item for discount types 1 and 4. This column will display the discount types in effect for the item. If both discount types are set for this item, "14" will display in this column.

D25: This field displays the discount status of the item for discount types 2 and 5. This column will display the discount types in effect for the item. If both discount types are set for this item, “25” will display in this column.

Wi: This field displays the WIC status of an item. Y = WIC, N = No.

Vv: This field displays the Visual Verify status of the item. Y = Verify, N = No.

Rs: This field displays the restricted sales status of the item. Y = Restrict, N = No.

Frq: This field displays the frequent shopper flag for the item. Y = Frequent Shopper (for either Frequent Shopper Points or Dollar-based multiples 1x, 2x or 3x), N = No.

Eq: This field displays the enforce status of the item. E = Enforce, I = Inhibit, or N = No.

Note:

The Speed Index now includes a new setting: 11 – Promotion Code. If this index is chosen the items on the report will be ordered by Promotion Code, with the UPC number used for the secondary sort.

Configurable Batch Activation Date

A new Back Office Setting found in this release of ScanMaster provides the option of using a historical look back period when activating batches using traditional “Standard” ScanMaster Batching. If enabled, all batches older than one day that have not been previously applied will be activated during End-of-Day Processing. In previous versions, only unapplied batches with a start date of today or yesterday were activated (leaving the possibility of some batches going unapplied).

Note:

Historical look back is presently available for ScanMaster installations using enhanced (non-standard) price management. If the Back Office Setting “Use Enhanced Price Management” is set to “Yes” and batch activation is run after 12:00 PM (noon), batch item maintenance with item start dates of tomorrow and earlier are placed in the staging table.

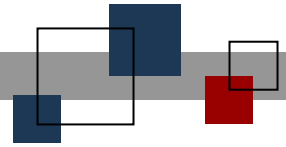
New Back Office Setting

The following new Back Office Setting is found in the System Configuration Editor.

Note:

Back Office Settings are changed using the fields listed under the column headed by the computer’s name within the Global/Store and BackOffice Tabs.

Act. Batches Older Than 1 Day This field requires a Yes or No. If set to “Yes” and using Standard Batching, ScanMaster will activate (at the EOD) all batches that are older than today that have not been already applied.



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