



ScanMaster



Release Notes and What's New

ScanMaster 2.9.0-110

ScanMaster V2 Release Notes and What's New

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May 2011	45001/082	89000640	2.7.2-060 Release
September 2011	45001/082	89000680	2.7.2-080 Release
January 2012	45001/082	89000713	2.8.0-050 Release
April 2012	45001/082	89000727	2.8.0-060 Release
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Introduction

Enhancements were recently made to the ScanMaster system. These changes are reflected in the accompanying 2.09.00-110 software.

This enhancement is explained in detail in the following pages but is not included in your ScanMaster 2.09.00 User and Installation Guides. If you have any questions regarding this release, please contact Dealer Channel Support.

This release was tested with the following Windows Updates

Updates Applied 11/10/2014

- Server- Acer Veritron 7600GT running windows server 2008, 2.09.00-110 ScanMaster and 10.10 Pervasive.
- POS - Fujitsu 3600 running POSReady2009, 2.09.00-110 ScanMaster and 10.10 Pervasive.

MTX DLLS

Starting with this patch release, the MTX_POS.dll file will be distributed as the following files which will require the correct file manually copied to the live MTX_POS.DLL file

MTX_POS_CP.dll	Connected Payments
MTX_POS_WinEPS.dll	WinEPS
MTX_POS_Empty.dll	Use when NCR\Retalix Payments not used.

For a new installation, the installation program will copy the MTX_POS_CP.dll file to the live MTX_POS.dll file.

For upgrades, it will be up to the installer to manually copy the appropriate dll file to the live MTX_POS.dll file while first ensuring the proper version of CP/WinEPS is being used.

399815 – Support GS1 Databar Coupon Data With Prologic Interface For Receiving Promotion Information

This enhancement allows the POS application to send GS1 Databar coupon information to ProLogic through the existing ProLogic (S&H) interface. This will allow ProLogic to have all the GS1 Coupon expanded data captured in the transaction.

This development is based on the ProLogic GENERIC POINT OF SALE INTERFACE Using TCP/IP v1.02.08-rev2 specification.

This enhancement requires the use of the ProLogic TCP/IP interface as opposed to the older ProLogic “Clean Box” serial interface.

There is no additional configuration necessary for this new enhancement to function. As long as the POS system is currently configured to use the ProLogic TCP/IP interface, anytime a GS1 Coupon is entered into the POS transaction, the data will be also sent to ProLogic Host through the interface.

404453 – Support for Honduran VAT Tax on Receipt

This enhancement addresses the need to have VAT tax calculated and printed at the bottom of the POS receipt as an informational line only. This calculation and data will NOT flow to any financial or item reporting.

This enhancement was completed to specific specifications required by the customer requesting the enhancement and is not intended as a full implementation of VAT Tax support.

Honduras currently has two separate VAT taxes which can be built into the price of items: One VAT is specifically for Alcohol products and the other is for all items which may or may not include alcohol items.

The requirement is to have a memo total printed at the bottom the receipt for each VAT tax which is a total of the VAT collected in the transaction.

Because the VAT amount is not tracked separately but rather included in the price of the item, the POS system will need to sum all item prices which include the particular VAT tax and then multiplied by the VAT tax rate to calculate the total VAT tax collected in the transaction.

Self-Checkout will simply act as a regular POS in this capacity as the receipt information is passed through to the printer.

Note:

This feature is a receipt change only. It is the retailer's responsibility to track the VAT tax collected.

New POS Workstation Settings

To add Honduran VAT Tax Receipt Printing Support, the following POS Workstation Settings are implemented in this release. (The tab where the configuration setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

Enable Tax 1 For VAT Subtotal (Tax)

This field requires a Yes or No. When set to “Yes” The POS will calculate VAT taxed based on the “Tax 1 VAT Percentage **##.####%**” setting and print that amount on the receipt using the “Tax 1 Receipt Description” set in the System Configurator.

Enable Tax 2 For VAT Subtotal (Tax)

This field requires a Yes or No. When set to “Yes” The POS will calculate VAT taxed based on the “Tax 2 VAT Percentage **##.####%**” setting and print that amount on the receipt using the “Tax 2 Receipt Description” set in the System Configurator.

Tax 1 VAT Percentage **##.####% (Tax)**

Six (6) digit numeric field. When “Enable Tax 1 For VAT Subtotal” is set to Yes, This value will be used to calculate the amount of tax that was included in the price of the items marked with the Tax 1 flag so that the result can be printed on the receipt for the customer’s information.

Tax 2 VAT Percentage **##.####% (Tax)**

Six (6) digit numeric field. When “Enable Tax 2 For VAT Subtotal” is set to Yes, This value will be used to calculate the amount of tax that was included in the price of the items marked with the Tax 2 flag so that the result can be printed on the receipt for the customer’s information.

The following existing POS Workstation Settings are used in configuring the tax descriptions used for the receipt printing of VAT.

Tax 1 Receipt Description

Fifteen (15) alpha/numeric field. Enter the description that should print for Tax 1 on the customer’s receipt.

Tax 2 Receipt Description

Fifteen (15) alpha/numeric field. Enter the description that should print for Tax 2 on the customer’s receipt.

If the store wants the percentage itself to show on the receipt, they must include it in the text description for the tax: "FOOD TAX 15%"

Note:

If the store requires the Tax Itemizer to be printed on the receipt, displayed on the Customer and Cashier Displays, then the following System Configurator options need to be set to yes.

Enable Tax 1 (Tax)

This field requires a Yes or No. Enter **Y** to enable Tax Table 1

Enable Tax 2 (Tax)

This field requires a Yes or No. Enter **Y** to enable Tax Table 2

POS Flow for Printing VAT Tax on the Receipt

At the end of the transaction, any tax (1, 2 or both) that is enabled for VAT Subtotal will do the following if the taxable amount is non-zero

Calculate the presumed amount of VAT tax by using the taxable amount accumulated by the price of items with that tax flag set.

$$\text{Vat Tax} = \text{Item Price} - (\text{Item Price} / (\text{Tax percentage} + 1))$$

Round the result up to the nearest cent (or down if negative)

Print the calculated amount using the description from the existing System Configurator option, "Tax x Receipt Description" which is used for normal taxes as well. The line will print under the "# OF ITEMS" line and offset to the left for a visual indication that these are information only.

In the Example Receipt below

Enable Tax 1 For VAT Subtotal = Y

Enable Tax 2 For VAT Subtotal = Y

Tax 1 VAT Percentage ##.####% = 15.0000

Tax 2 VAT Percentage ##.####% = 18.0000

Tax 1 Receipt Description = Food Tax 15%

Tax 2 Receipt Description = Liquor Tax 18%

Enable Tax 1 = Y

Enable Tax 2 = Y

Calculation of VAT Tax 1

$$\text{Vat Tax} = \text{Item Price} - (\text{Item Price} / (\text{Tax percentage} + 1))$$

$$.52 = 4.00 - (4.00 / (.150000 + 1))$$

Calculation of VAT Tax 2

$$\text{Vat Tax} = \text{Item Price} - (\text{Item Price} / (\text{Tax percentage} + 1))$$

$$1.53 = 10.00 - (10.00 / (.180000 + 1))$$



- VAT Subtotal Lines will not be printed if the taxable amount is \$0.00
- Refunds / Returns are supported and will reduce the taxable accountability.
 - If the taxable amount is negative, a "-" sign will be printed at the right side

Out of Scope for Support for Honduran VAT Tax on Receipt

- The VAT tax implementation and amounts calculated for the receipt do NOT flow through to the backoffice or financial reports in ScanMaster. For example: VAT Tax amounts will NOT be reported in TLOG, EJ, Cashier Reports, Store Reconciliation Report and Department Reports. The customer is responsible for calculating and reporting VAT tax collected to their government entity.
- This development is for the receipt only, not balancing.
- VAT Tax will only be printed on the receipt and will NOT display on the Customer or Operator Display.
- Items which are flagged for taxability (1 or 2) must not be flagged for both or the math will be incorrect for the subtotal lines. Any item in the sale must be taxed, none, 1 or 2 but not both.
- VAT Subtotal print lines will use the existing options, "Enable Tax 1 For VAT Subtotal" and "Enable Tax 2 For VAT Subtotal"
- The percentage will not be printed automatically. If the store wants the percentage itself to show on the receipt, they must include it in the text description for the tax: "FOOD TAX 15%"
- Tax Exempt will not function on taxes configured as VAT Subtotal.
- Food Stamps tax exempt will not function on taxes configured as VAT Subtotal.
- Setting "Enable Tax # for VAT Subtotal" disables any calculation based on the regular Tax Rate.
- Setting "Enable Tax # for VAT Subtotal" disables the normal tax printing in lieu of new print lines for VAT Subtotal
- Setting "Enable Tax # for VAT Subtotal" disables any separate reporting of TAX on office reports
- VAT tax amounts will not be reduced or affected by functions which modify the amount of the sale and taxability after the item is rung, such as coupons and electronic coupons. Exceptions are Line Item and Total Time Discounts, which will reduce the price of the item and VAT accountability, and Bottle Deposits (where the bottle deposits are configured to be taxable) which will increase the VAT accountability.

-
- Taxes configured for VAT Subtotal will not be included in the amount sent to OpenEPS if requested from the POS.
 - VAT Taxes will not be recorded to Non Resettable Totals.
 - Any tax (1 or 2) that is enabled for VAT Subtotal is no longer eligible for normal tax calculation. All code that calculates tax will be skipped for taxes using VAT Subtotal
 - It is assumed that if the store is using VAT that normal taxation will not occur. x

404570 – SmartCard WIC EBT Support

This enhancement provides support for the Smartcard WIC EBT program.

Note: For general information regarding the ScanMaster WIC EBT program please refer to the ScanMaster Installation Manual as of 2.08.00-050

Note:

State SmartCard WIC EBT implementations can support one of two available specifications which are usually indicated by either Version 2 or Version 4 or more specifically X9:93 Version 2 or X9:93 Version 4 as defined by the American National Standards for Financial Services specifications. **ScanMaster supports ONLY the Version 4 implementation.**

Note:

The communications mechanisms the State WIC Hosts deploy are either FTP or HTTPS communications. This enhancement is only supporting HTTPS communications. FTP communication support will be added in a future ScanMaster release. The HTTPS communications are accomplished using a utility called **CURL**

Differences between SmartCard WIC EBT from Online WIC EBT

The customer's EBT WIC prescription benefits are stored physically on their WIC EBT SmartCard rather than being delivered to the transaction from the State WIC Host through network communications via the Payment engine

Negative cards accounts are stored local at the store via a Hot Card List (HCL) file provided daily from the State WIC agency which the customer's card is checked against rather than checked online with the WIC Host during the transaction

The State WIC Host receives the applied benefit transaction data daily via a Claim File which is built from the transaction data during the End of Day process and sent to the State WIC Host daily rather than being provided to the State WIC Host after each WIC EBT transaction via the payments engine.

The store will receive a reconciliation file daily which will contain the reimbursements of the benefits; whereas with Online WIC EBT the reconciliation is processed real-time with each Online WIC EBT transaction.

The following is an outline of the SmartCard WIC EBT program.

- The State WIC Agency provides to the store daily a list of the WIC EBT Approved Products via an Approved Product List (APL) file and a list of the Negative SmartCard WIC EBT Cards via a Hot Card List (HCL) file.
- Once the APL and HCL files are received by the store, they are processed into internal ScanMaster database files for use with the Program.
- During a Transaction, a customer's items are entered into the sale and at time of payment if the customer wishes to use their Smartcard WIC EBT card they must present it as the first tender in the transaction by inserting into the SmartCard reader in the PIN Pad and informs the cashier to use this tender.
- *Note: [The SmartCard WIC EBT card must remain in the Smartcard reader for the entire duration of the SmartCard WIC EBT Tender until instructed to remove the card]*
- The POS reads the SmartCard WIC EBT card information and first checks to see if the customer's WIC EBT account is negative by comparing the account number with the account numbers supplied in the HCL data. If the Card is found in the HCL, the tender is reported as negative and the tender process is aborted.
- The POS then checks the items in the transaction against the APL data to determine which items in the transaction are WIC EBT eligible.
- The POS then compares the available WIC EBT benefits read from the SmartCard WIC EBT card against the WIC eligible items in the transaction to determine what items can be paid by the SmartCard WIC EBT tender.
- A receipt is then immediately printed for the customer which includes the Beginning WIC EBT benefits read from the card and the proposed utilization of their benefits against the WIC EBT eligible items in the transaction
- The customer must then choose whether they wish to have the proposed WIC EBT utilization of benefits applied to the transaction or if they wish to cancel the tender.
- If the customer chooses to apply the proposed WIC EBT utilization of benefits the POS will update the Smartcard WIC EBT card with the remaining WIC EBT benefit balance and instruct the customer to remove their Smartcard WIC EBT card

- If there is still a balance remaining for the transaction, the customer will continue to provide other forms of payment until the balance is satisfied.
- Once the transaction is completed, the receipt will be printed with the WIC EBT Beginning Balance, Actual WIC EBT Benefit utilization and Ending WIC EBT Balance printed at the bottom of the receipt.
- During the End of day process, the Transaction log is processed for all the Smartcard WIC EBT benefit utilizations for that particular state and a WIC EBT Claim file is created
- A communication session is then initiated with the State WIC Host to send the Claim file and to receive an APL, HCL, Reconciliation and Error/Acknowledgement file.
 - The Reconciliation file will contain the data of the reimbursement that will be made to the store based upon the applied benefits from the previous day's Claim File submission.
 - Some State WIC Agencies will send an Acknowledgment file for each claim submission which indicates if the Claim submission was successful or had errors.
 - Some states will choose to only send the Acknowledgment file in the case of errors with the submission

New System Configuration Settings

To implement SmartCard WIC EBT Support, the following System Configuration Settings are implemented in this release for both the BackOffice and POS. (The tab where the configuration setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

of Days of WIC Data to Save (BackOffice)

Three (3) digit numeric field. This value is used by the End of Day Process to determine the number of days to save WIC historical data files.

Enable Smartcard CVR Print (Global)

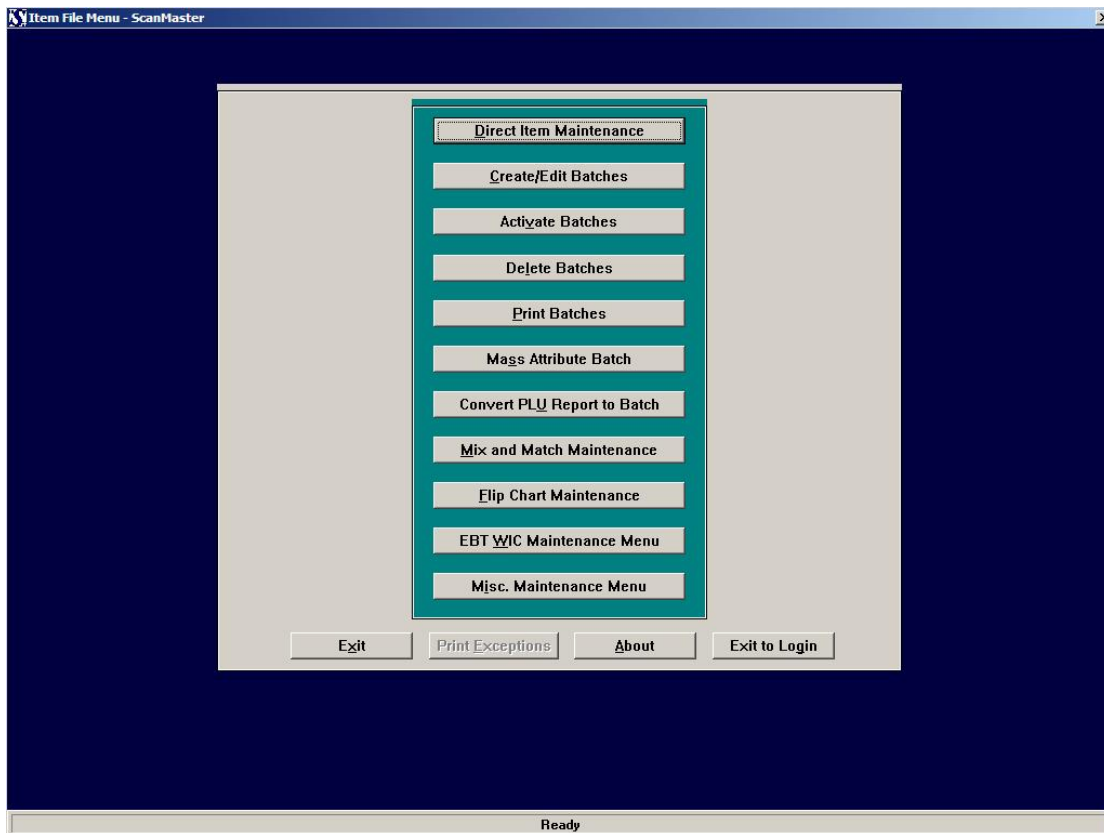
This field requires a Yes or No. When set to “Yes”, the Cash Value Receipt will be printed as a separate receipt.

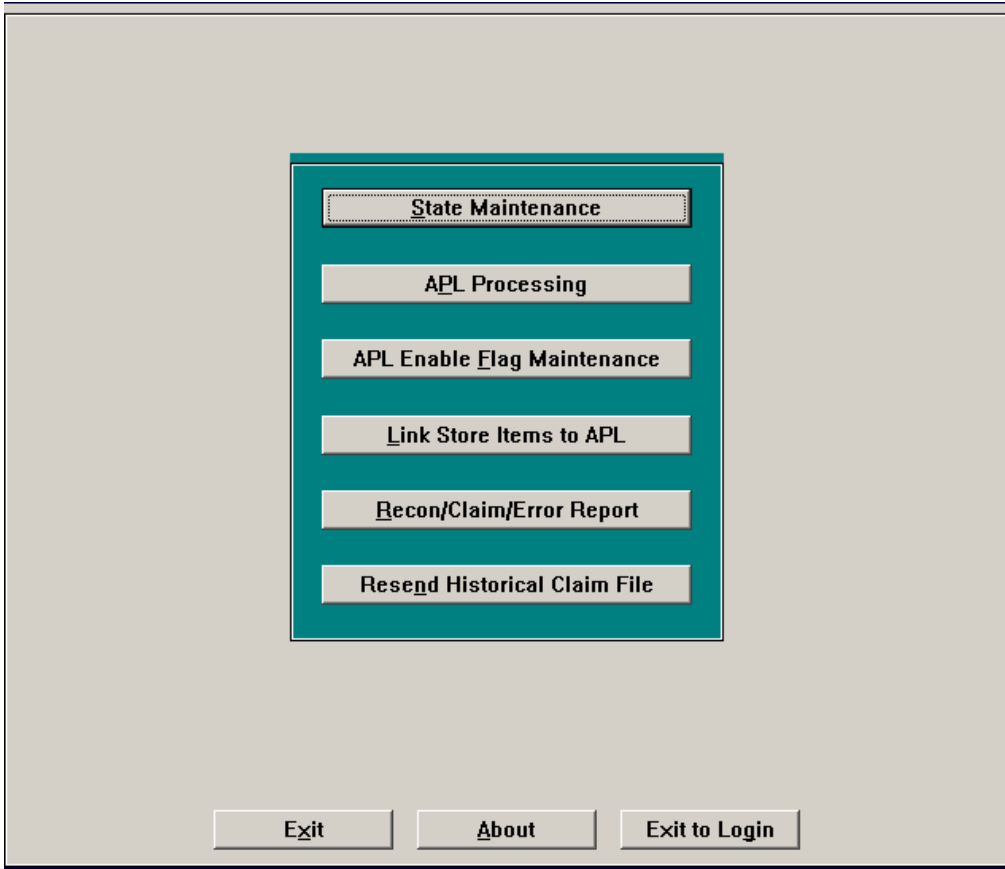
Mask Account Number on CVR (Global)

This field requires a Yes or No. When set to “Yes”, a portion of the WIC EBT Account Number will be masked with “X” characters.

Configuring SmartCard WIC using State WIC EBT Maintenance (SM2WICST.EXE)

Each State WIC EBT program is configured within ISS45 using the State WIC EBT Maintenance application which is found under the 10th Option of the Item Maintenance Main Menu on the EBT WIC Maintenance Menu.





OH - OHIO		<input checked="" type="checkbox"/> Active	<input checked="" type="checkbox"/> APL file is zipped?	WIC File Format <input type="radio"/> Ver 2 <input checked="" type="radio"/> Ver 4	
WIC System Type <input type="radio"/> Online WIC <input checked="" type="radio"/> SmartCard		Communications Method <input type="radio"/> ftp <input checked="" type="radio"/> HTTP (cURL)			
Postal Code	OH	APL/HCL File Folder Name			
FIPS	39	State Name		OHIO	
BIN 1	610309	BIN 2	000000	BIN 3	000000
EBT ID	3098	Training Digit Position		08	
Forwarder ID	00000000016		Card Acceptor ID		56DF5710BACC425
State CVB Category	19	Submitter ID	OUR	Merchant ID	3098
Pan Length	16	Start of PAN Mask	02	End of PAN Mask	07
ftp Settings		HTTP (cURL) Settings			
UserID	OUR_4_OHWIC61	Password	*****		
APL URL	https://odhgatewaytst.odh.ohio.gov/wicdata/APL?v=4&Zip=true				
HCL URL	https://odhgatewaytst.odh.ohio.gov/wicdata/HCL?v=4&Zip=true				
Claim URL	https://odhgatewaytst.odh.ohio.gov/wicdata/Claim				
Recon URL	https://odhgatewaytst.odh.ohio.gov/wicdata/ARF				
Ack/ERR URL	https://odhgatewaytst.odh.ohio.gov/wicdata/ACK				
Exit	<<Previous	Next>>	Save	Delete	Print List About

The appropriate State WIC Agency will need to be contacted to receive the configuration information for the state's configuration for SmartCard WIC EBT including the HTTPS User ID / Password and HTTPS web addresses.

Note:

The communications mechanisms the State WIC Hosts deploy are either FTP or HTTPS communications. This enhancement is only supporting HTTPS communications. FTP communication support will be added in a future ScanMaster release. The HTTPS communications are accomplished using a utility called **CURL**

Downloading WIC EBT ACL and HCL files During End of Day

During the End of day process, the ScanMaster system will download the APL file and HCL (for Smartcard WIC EBT States) automatically for configured WIC EBT States. The APL and HCL files are downloaded as zipped files and placed in the F:\Grocery\EBT_WIC**<STATE>**\Zipped folder. The files are then processed into ScanMaster's database and moved to the F:\Grocery\EBT_WIC**<STATE>**\History folder un-zipped.

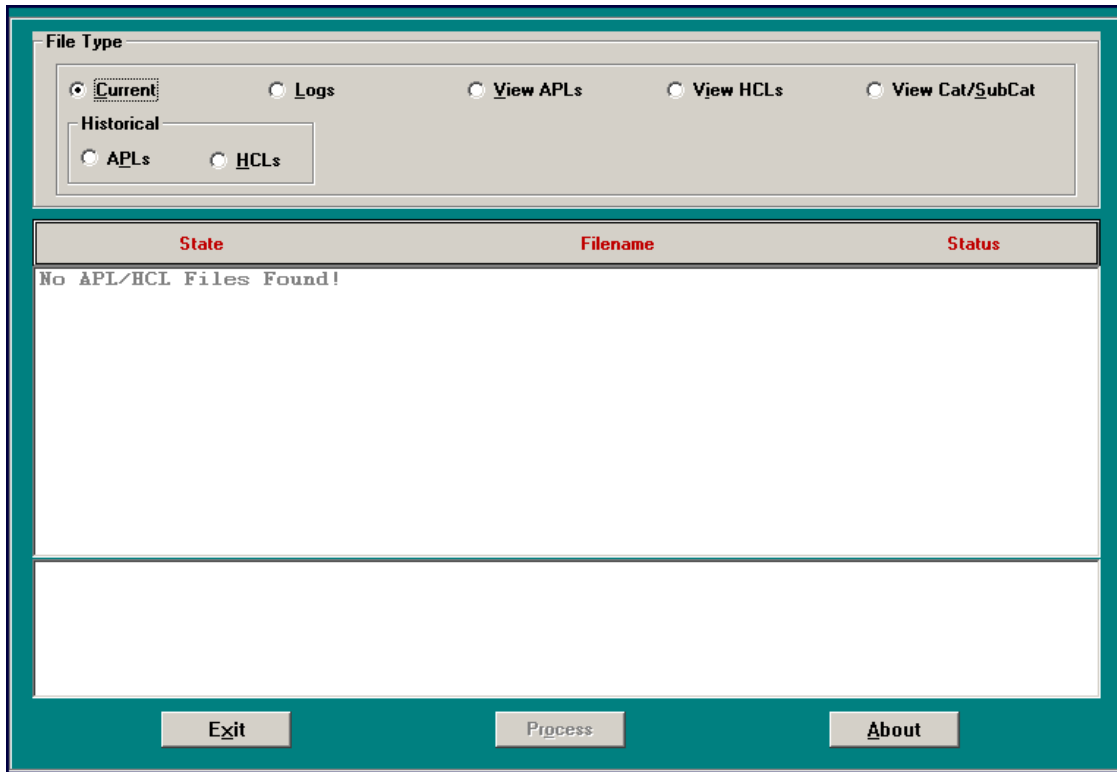
Manual Download of APL and HCL files

The current APL and HCL files can be

For State WIC Agencies using HTTPs communications, the latest APL and HCL files can be manually retrieved from the State WIC Agency using the program **CURLCOMM.exe** and supplying a parameter of the complete State WIC Agency name. Example: **CURLCOMM Ohio**

Manual Reprocessing WIC EBT APL and HCL files

The WIC EBT APL and HCL files can be reprocessed by selecting “APL Processing” form the WIC EBT Maintenance Menu.



Claim File Generation and Upload During End of Day

During the End of Day Process, the ScanMaster transaction log is processed to create a WIC EBT Claim file for each configured State WIC EBT program which will then be uploaded to each respective State WIC EBT Host.

The Created Claim file will be placed in the
F:\grocery\EBT_WIC**<STATE>**\Claim folder (for example
F:\Grocery\EBT_WIC\OHIO\Claim)

The Version 4 Claim File naming convention is as follows

WWWWYJJJ.Txx where;

A WWW

A - Compression Type ("A" - standard Zip)

WWW - 3 Digit WIC ID

M - 1 Digit Month (Base 36)

D - 1 Digit Day (Base 36)

YY - Last 2 Digits of Current Year

T - File Type

T – Claim File zipped

C – Claim File un-zipped

A - Reconciliation File

K – Acknowledgement File

xx- Sequence Number starting at "00" (Base 36)

Base 36 WIC EBT File Names (Claim / Recon / Ack)

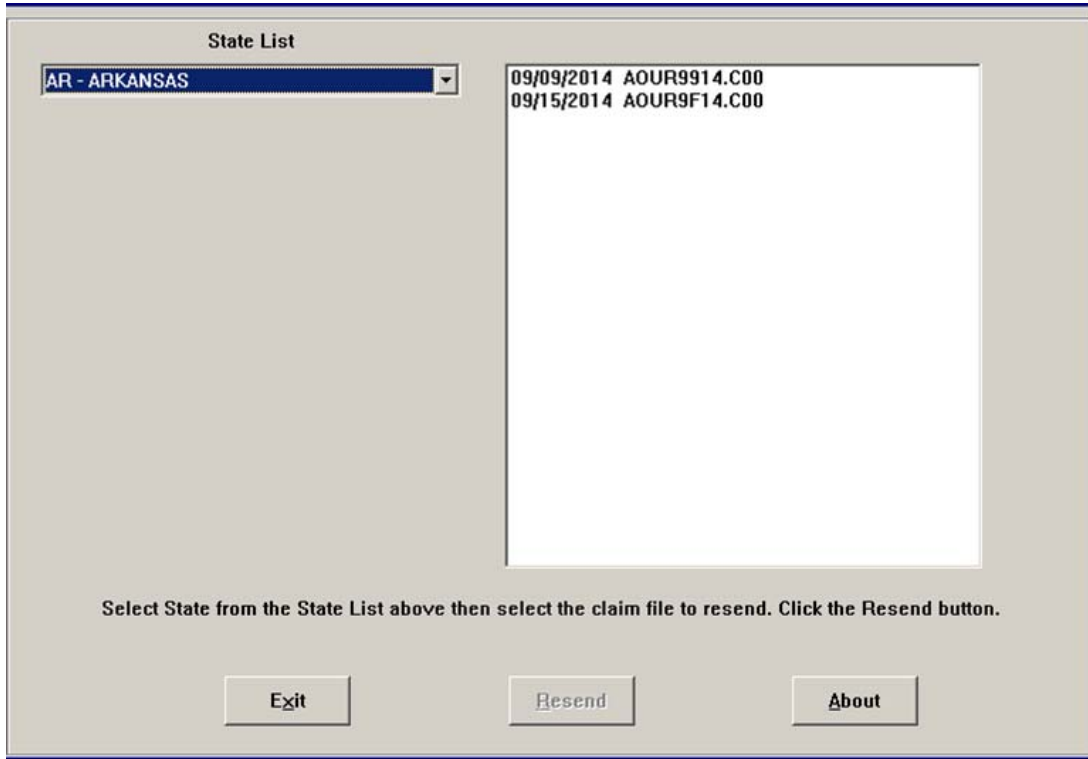
Claim File Naming Convention for Base 36 Files			
Month		Day	Extension
January	1	1 1	.C00
February	2	2 2	.C01
March	3	3 3	.C02
April	4	4 4	.C03
May	5	5 5	.C04
June	6	6 6	.C05
July	7	7 7	.C06
August	8	8 8	.C07
September	9	9 9	.C08
October	A	10 A	.C09
November	B	11 B	.C0A
December	C	12 C	
		13 D	
		14 E	C - Unzipped Claim
		15 F	T - Zipped Claim
		16 G	A - Auto Reconciliation
		17 H	K - Acknowledgement
		18 I	
		19 J	
		20 K	
		21 L	
		22 M	*A is the zipping methodology
		23 N	(ScanMaster is hardcoded for 'A' for WinZip)
		24 O	
		25 P	
		26 Q	
		27 R	
		28 S	
		29 T	
		30 U	
		31 V	

EX 11/21/2014
AOURBL14.C00

Once the Claim file has been successfully generated and uploaded to the State WIC EBT Host, the Claim file will be moved to the History Folder.

Claim File Resending

If for some reason a Claim file needs to be resent to a State WIC EBT Host manually, the program **CM2CMREP.exe** can be run which will allow the user to select multiple claim files for resend to the State WIC EBT Host. This application can be selected from the WIC EBT Maintenance Menu, "Resend Historical Claim File"

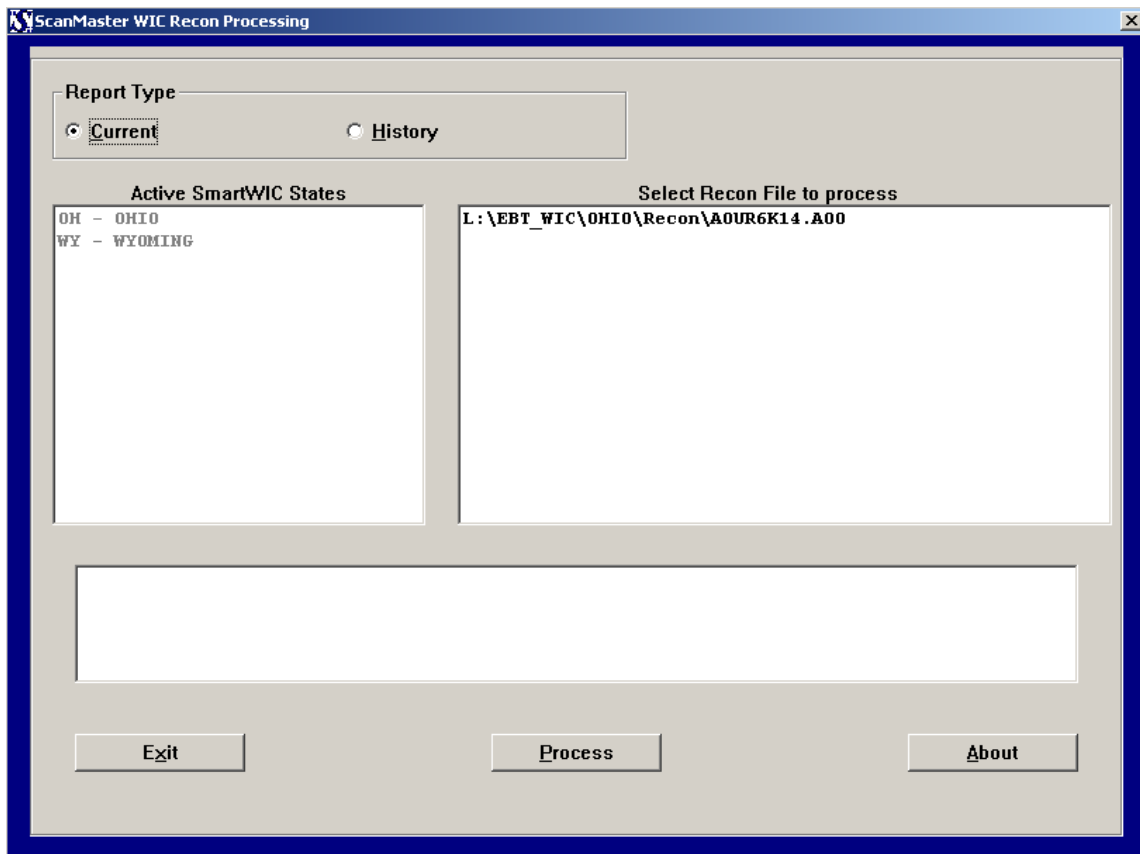


Reconciliation and Error / Acknowledgment Download during End of Day

While sending the Claim file during End of day, the system will also retrieve the Reconciliation and Acknowledgment files from the State WIC EBT Host. The Reconciliation file will contain the reimbursement data for the store for the previous days Claim submission while the Acknowledgment / Error file will contain the status of the current Claim file submission.

Reconciliation / Acknowledgment File Reprocessing

In order to manually retrieve State WIC EBT Reconciliation and Acknowledgment files, the program **CM2WICPR.exe** can be run which will allow the user to select Reconciliation / Acknowledgment files from previous Claim Submissions. This application is not available from the ScanMaster menu system



SmartCard WIC EBT Claim / Reconciliation / Acknowledgment Reports

ScanMaster provides for viewing the Claim / Reconciliation / Acknowledgment files using the program SM2WICRP.exe. The application can be selected from the WIC EBT Maintenance Menu, "Recon/Claim/Error Report".

The screenshot shows a software application window with a teal border. At the top left, there is a "Choose State" dropdown menu set to "OH - OHIO". To its right is a "Report Type" section with three radio buttons: "Recon Report" (selected), "Claim Report", and "Error Report". Below these are two main input areas. On the left, there are radio buttons for "Daily" and "Range" (selected). The "Daily" option has a date field containing "7/8/2014". The "Range" option has two date fields: "Enter Start Date" containing "07/08/2014" and "Enter End Date" containing "7/10/2014". On the right side, there is a yellow "Available Dates List" box containing the dates "07\08\2014" and "07\10\2014". At the bottom of the window, there are three buttons: "Exit", "Create", and "About". A footer message reads: "Select State for report, select Daily or Range for date(s) for report."

Smartcard WIC EBT Enhanced Security

The Claim/Recon/Acknowledgement Report application and WIC EBT State Maintenance have been added to the Enhanced Security Configuration program

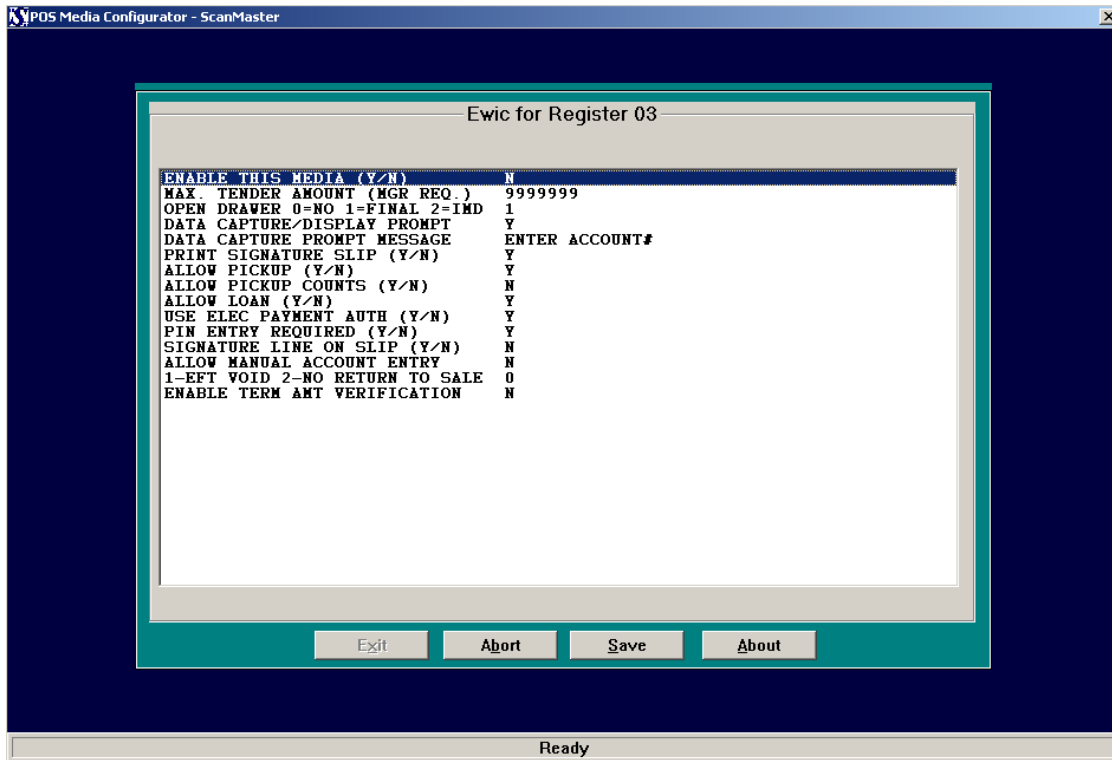
The screenshot displays the 'Employee Program Access Control' window. At the top, it shows the 'Employee Number' as '001' and the user as 'CASHIER 1'. Below this are buttons for 'Clear All' and 'CheckAll'. Further down are buttons for 'Clear All FrontOffice', 'Check All FrontOffice', 'Clear All POS', and 'Check All POS'. The main area is divided into two sections: 'BackOffice' and 'POS'. The 'BackOffice' section contains radio buttons for 'Item Maint Menu', 'Employee Maintenance', 'Department/Subdept Maintenance', 'Customer Maintenance', 'System Personalization', 'Reports Menu', 'Office Procedures', 'System Services', 'Miscellaneous Maintenance', 'Accounts Receivable Menu', 'Financial Reports Menu', and 'Item File Reports Menu'. The 'POS' section contains radio buttons for 'Special Menu Access', 'Application Security', and 'EBT WIC Maint Menu', with the latter being selected. Below these sections is a 'Menu Information' box with a grid of checkboxes. The 'Exit', 'Save', 'Clone', and 'About' buttons are located at the bottom of the window.

BackOffice	POS	
<input type="radio"/> Item Maint Menu	<input type="radio"/> Office Procedures	<input type="radio"/> Special Menu Access
<input type="radio"/> Employee Maintenance	<input type="radio"/> System Services	<input type="radio"/> Application Security
<input type="radio"/> Department/Subdept Maintenance	<input type="radio"/> Miscellaneous Maintenance	<input checked="" type="radio"/> EBT WIC Maint Menu
<input type="radio"/> Customer Maintenance	<input type="radio"/> Accounts Receivable Menu	
<input type="radio"/> System Personalization	<input type="radio"/> Financial Reports Menu	
<input type="radio"/> Reports Menu	<input type="radio"/> Item File Reports Menu	

Menu Information		
<input checked="" type="checkbox"/> State Maintenance	<input checked="" type="checkbox"/> Recon/Claim/Error Report	<input type="checkbox"/> Reserved
<input checked="" type="checkbox"/> APL Maintenance	<input checked="" type="checkbox"/> Resend Historical Claim File	<input type="checkbox"/> Reserved
<input checked="" type="checkbox"/> APL Enable Flag Maintenance	<input type="checkbox"/> Reserved	<input type="checkbox"/> Reserved
<input checked="" type="checkbox"/> Link to APL Maintenance	<input type="checkbox"/> Reserved	<input type="checkbox"/> Reserved

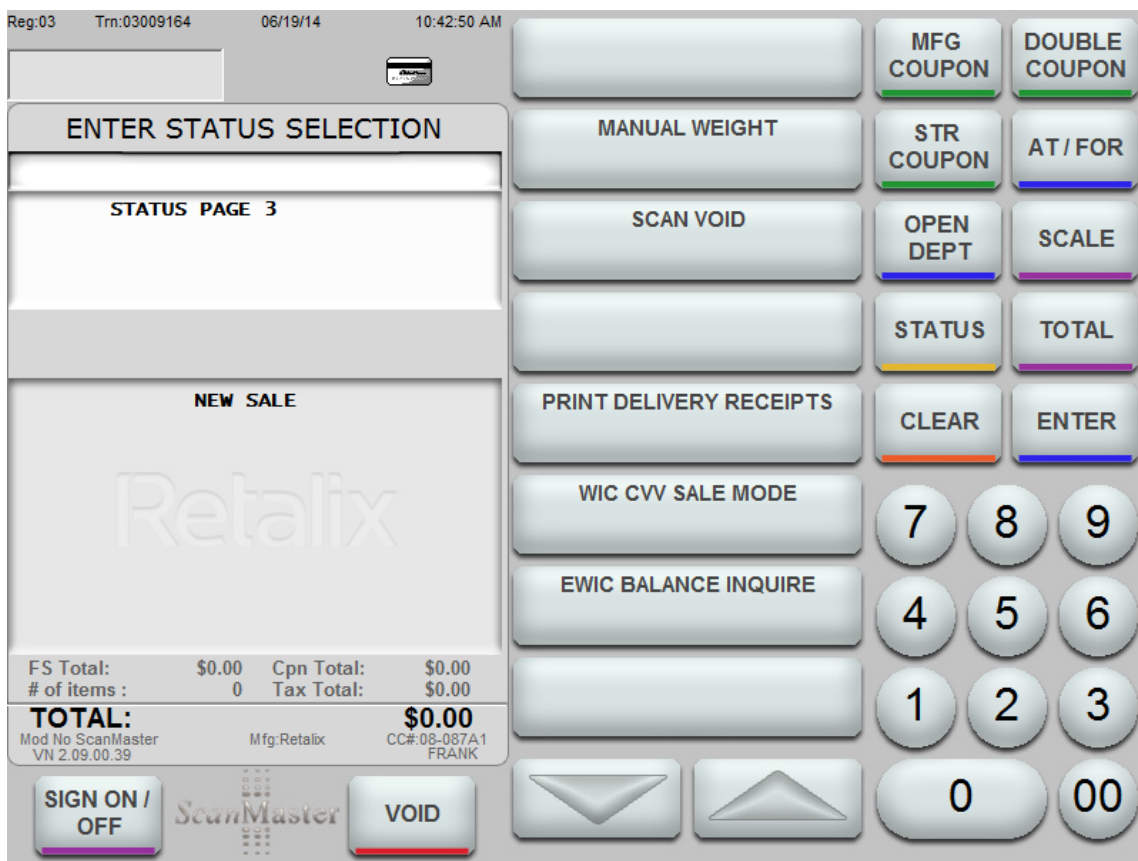
Lane Configuration of Smartcard WIC EBT Feature

In order to enable WIC EBT Functionality on a given POS lane, the Tender must be setup and enabled within the Media Configuration Editor



SmartCard WIC EBT Balance Inquiry

This is a function that does not rely on a full SmartCard WIC session and will simply read the SmartCard and print out a beginning balance for the participant's information. This function will be accessible through the same method as the Online WIC – using the Status Menu to configure the placement of the EBT WIC Balance Inquiry selection.



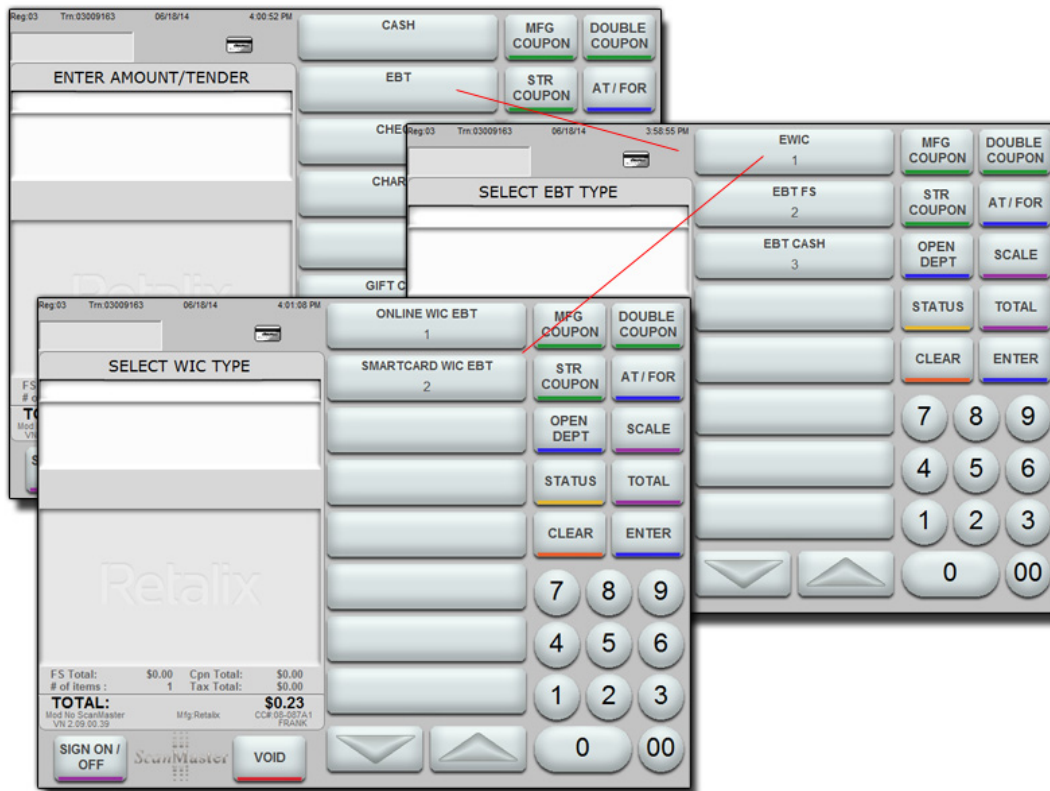
The POS will then query the State WIC EBT maintenance to see what WIC EBT programs are configured and enabled. If only Online WIC EBT states are defined, the function will continue with Online WIC EBT Balance Inquiry. If only SmartCard WIC EBT states are defined, the function will continue with Smartcard WIC EBT Balance Inquiry. If both Online WIC EBT and SmartCard WIC EBT states are defined, a sub menu will be displayed asking for the cashier to select the appropriate WIC EBT Balance Inquiry.

The screenshot displays the ScanMaster POS interface during a 'NEW SALE' transaction. The top status bar shows 'Reg:08', 'Trn:08008764', '11/12/14', and '4:37:54 PM'. The main display area shows a balance of '0.00 1b' and a 'SELECT WIC TYPE' prompt. Below this, the 'NEW SALE' screen features the 'Retailix' logo. A summary section at the bottom left indicates 'FS Total: L0.00', '# of Items: 0', 'Cpn Total: L0.00', and 'Tax Total: L0.00'. The 'TOTAL' is displayed as 'L0.00'. The bottom left corner includes a 'SIGN ON / OFF' button and the ScanMaster logo. The bottom right corner features a keypad with buttons for 'ONLINE WIC EBT 1', 'SMARTCARD WIC EBT 2', 'VOID', 'DOUBLE COUPON', 'SCALE', 'MFG COUPON', 'AT / FOR', 'STR COUPON', 'OPEN DEPT', 'TOTAL', 'CLEAR', 'ENTER', and a numeric keypad (0-9, 00). A 'STATUS' button is also visible at the bottom center.

SmartCard WIC EBT Tendering

SmartCard WIC EBT is tendered by selection of the EBT tender and then EWIC on the EBT Submenu

The POS will then query the State WIC EBT maintenance to see what WIC EBT programs are configured and enabled. If only Online WIC EBT states are defined, the function will continue with Online WIC EBT Tender. If only SmartCard WIC EBT states are defined, the function will continue with Smartcard WIC EBT Tender. If both Online WIC EBT and SmartCard WIC EBT states are defined, a sub menu will be displayed asking for the cashier to select the appropriate WIC EBT Tender.



Enable Smartcard WIC EBT CVR Printing

Some State SmartCard WIC EBT agencies require, in addition to the Beginning Balance, Benefit Utilization and Ending Balance sections with the transaction receipt, that a Cash value Receipt be printed as a separate receipt. To control this feature a new Configuration parameter has been added to the ScanMaster Configuration Editor on the Global Tab - "Enable Smartcard CVR Print"

When enabled, the POS will print the CVR after the main transaction receipt has been printed.



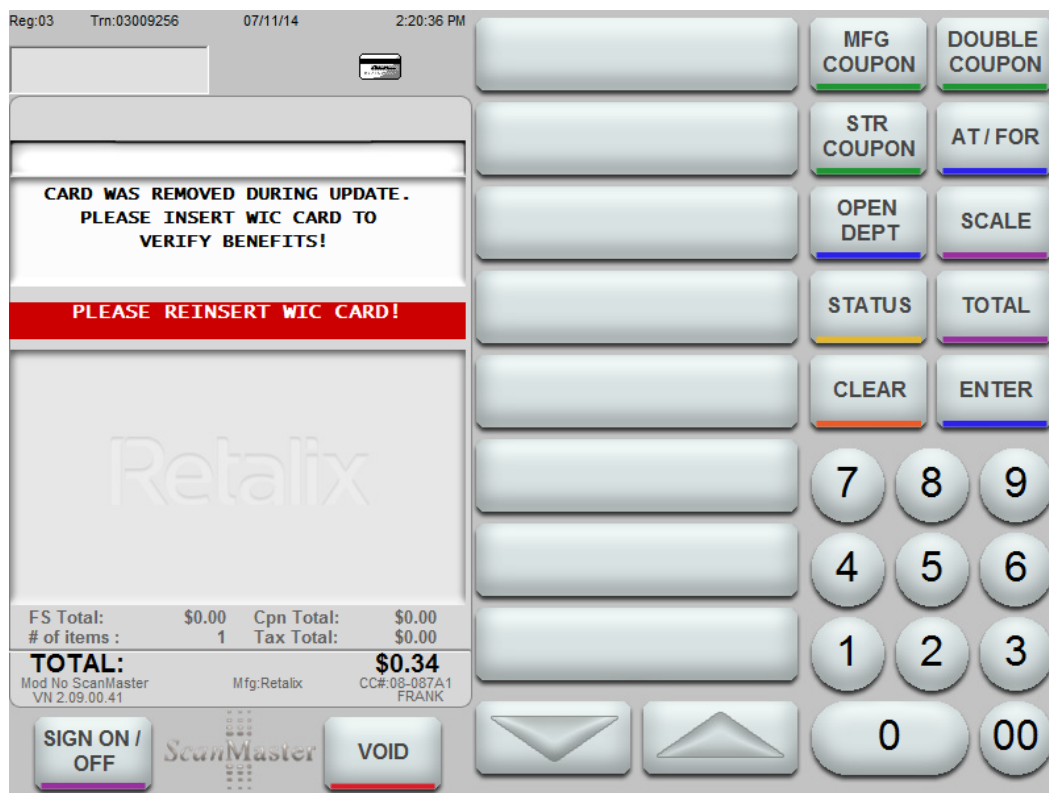
Some State SmartCard WIC EBT agencies require the WIC EBT Account number printed on the CVR to be masked. To control this new feature a new configuration parameter has been added to the ScanMaster Configuration Maintenance on the Global Tab – "Mask Account Number on CVR"

If this option is enabled, a portion of the WIC EBT Account Number will be masked with "X" characters. The range of the portion of the WIC EBT Account Number to be masked will be configured in the State WIC EBT Maintenance in the fields "Start PAN Mask" and "End of PAN Mask"

Improper removal of SmartCard WIC EBT Card from PIN Pad

Normally, when a WIC EBT SmartCard is removed prematurely from the PIN Pad, a tender cancellation is automatically triggered. There is an exception case when the SmartCard is removed near the end of the Tender process when the customer's Ending Prescription Balance is in process of being updated. At this time it is difficult to know if the new Prescription Balance actually completed updating. In order to verify if the SmartCard was successfully updated, the following occurs:

The POS instructs the SmartCard to be re-inserted into the PIN Pad.



The customer re-enters the PIN, The PAN from this inserted SmartCard is compared with the PAN on record for the current tender process and if matches the Benefit Balance is read from the card and compared against the Ending Balance on record for the current tender process.

If they are same then the POS assumes the update was successful and the tender completes as normal.

If they are not the same, the POS assumes the Update was not completed and re-updates the card and ends the tender process as normal.

Communication and Error Logging

The POS application will generate a log of the SmartCard WIC EBT process to aid with support of issues. This logging will contain much information about the communication both normal and errors. This log is text and human readable and should be used to diagnose any suspicious behavior regarding Smart WIC EBT. The POS uses the same file naming and housekeeping as used with Online WIC EBT logging.

All log entries are written locally on the POS terminal to C:\Grocery\Files\WC.rrr where rrr is the POS Terminal ID.

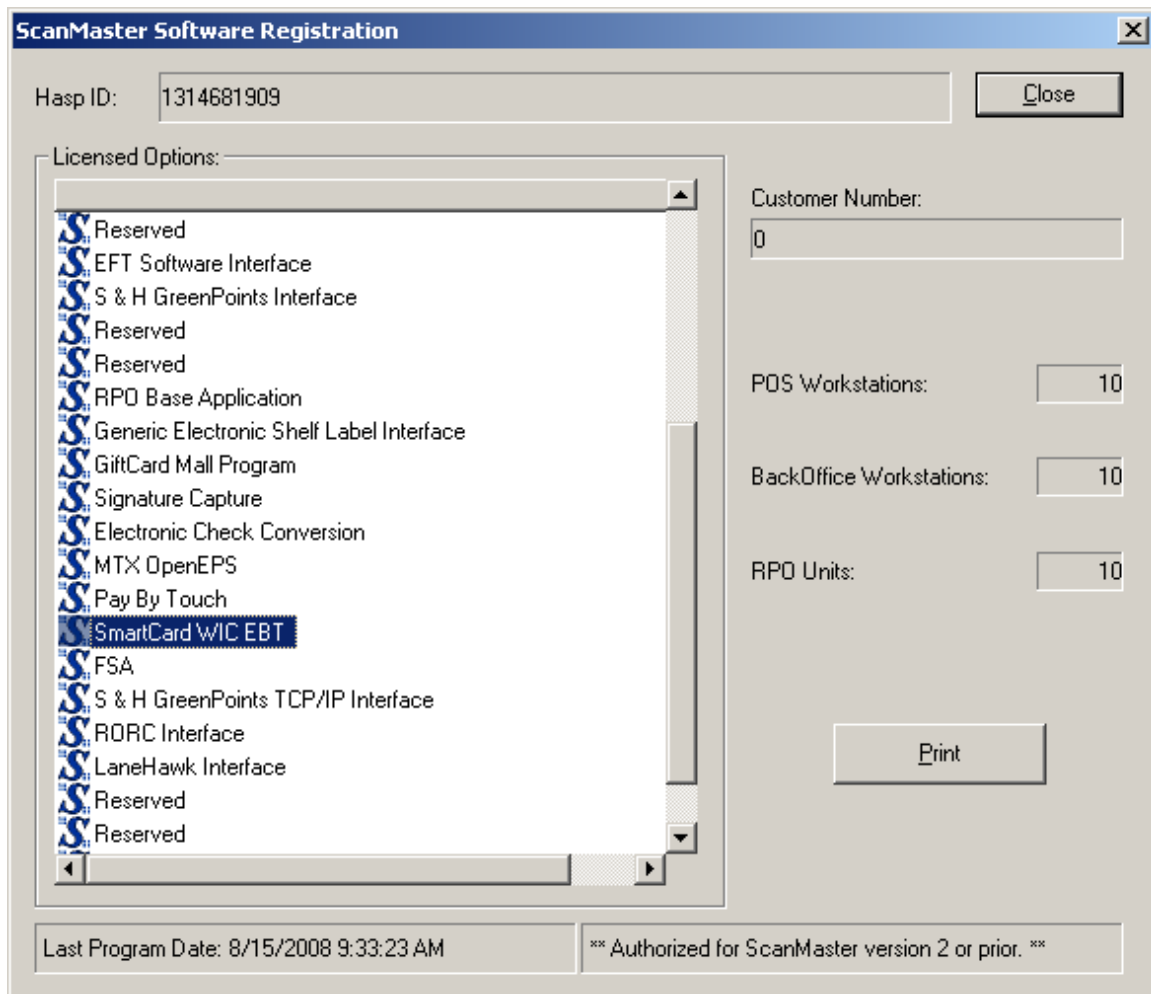
At End of day, the WC log files are copied to F:\grocery\Files\Log and renamed WCmmddy.rrr.

411924 - Hasp Option for Smartcard WIC EBT Feature

HASP position 24 is now used to enable SmartCard WIC EBT functionality in this release. This option does not affect Online WIC EBT functionality.

Note:

ScanMaster Release 2.09.00-110 and higher requires the SmartCard WIC EBT option on the HASP be set in order for SmartCard WIC EBT feature to function.



411925 – Support ProLogic Phone Number Response Messages

This enhancement adds support for handling Not Found and Timeout scenarios for Alternate Phone Number Lookup function with ProLogic and adds support for handling the ProLogic Generic Display Message which allows ProLogic to send various messages to the ScanMaster POS to be displayed on the Cashier Display.

If after a Phone number lookup entry, ProLogic sends either a Not Found message or a Timeout message, the POS will display “CUSTOMER NOT ON FILE!” and wait for the cashier to select CLEAR to continue. The POS application will then return to the Phone Number Lookup prompt where the cashier can type in another Phone Number or select CLEAR to abort the Phone Number entry process.

Additionally, if a Customer “Invalid Account” message is received from ProLogic after a normal customer number entry, the POS will now allow another customer number entry instead of displaying the error, “CUSTOMER # ALREADY CAPTURED!” and not allowing another number to be entered as it had done previous to this enhancement.

415299 - Support Beeping On Weight For NCR Hardware Utilizing USB Port

This enhancement will cause the POS send a beep command to the scanner when a scalable item is sold when the System Configuration setting "Beep for Non-Auto Beep Scale" = Y. If the POS is already sending a beep command, such as in the case of Fujitsu and PSC, the POS won't send the beep command twice if set.

New POS Workstation Settings

To setup the POS to beep when a weighted item has been rung using NCR Hardware with the USB port, the following POS Workstation Settings are implemented in this release. (The tab where the configuration setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

Beep for Non-Auto Beep Scale (Devices)

This field requires a Yes or No. If set to Yes, the POS will send a BEEP command to the scanner when a scalable item is sold when using NCR hardware utilizing the USB port.

This is as is currently done to Fujitsu and PSC however, if the option is turned on for these interfaces, the command will not be sent twice so then will be ignored.

Out of Scope

The POS cannot detect if a scanner has the ability to beep itself on the sale of a scalable item. If the new setting is set to send the beep command, and the scale beeps itself, the scanner may beep twice. The option must be turned off if this behavior isn't

Note:

The best way to set up the scanner/scales on the new RealPOS terminals, is to set them to USB (otherwise known as "IBM USB") instead of "NCR USB". This is as documented in the installation guide.

