






A horizontal row of various colored squares (red, blue, white) and rectangles, some overlapping, positioned above a grey horizontal line.

# *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 2.6.1*
- 
- 
- 

## ScanMaster V2 Release Notes and What's New

Date of Issue	Product ID Number	Part Number	Brief Description
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
January 2007	45001/082	89000339	2.4.0 Release
March 2007	45001/082	89000376	2.4.1 Release
May 2007	45001/082	89000381	2.4.2 Release
December 2007	45001/082	89000411	2.5.0 Release
February 2008	45001/082	89000423	2.5.1 Release
September 2008	45001/082	89000454	2.5.2 Release (Upd)
March 2009	45001/082	89000491	2.6.0 Release
September 2009	45001/082	89000531	2.6.1 Release

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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 2.06.01-050 software.

These improvements are explained in detail in the following pages and are not included in your ScanMaster 2.06 User Guide or Installation & Support Guide.

## Receipt UPC Number Printing

ScanMaster now has the ability to print the UPC/PLU number of an item above the Item Description and Price line on the sales receipt.

When this feature is enabled:

- An additional line will print for each item with its UPC number left justified and leading zeros truncated.
- Check digits will only be printed for scanned EAN (European Article Number) barcodes.
- NSC 5-type coupons will print with their value codes present.
- Random-weight items will print with the embedded price removed from the UPC number.

**Note:**

The setting does not change how items appear on the Customer Display or Self-Checkout Screen.

### New POS Workstation Setting

To support this enhancement, the following POS Workstation Setting is implemented in this release. (The tab where the setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

**Enable Printing of UPC on Receipt [Receipt]**

This field requires a Yes or No. If this field is set to “Yes,” POS Workstation will print an additional line per item which contains the UPC number. If the field is set to “No” (default), the UPC number will not print.

**Note:**

If this POS Workstation Setting is set to “Yes”, the UPC Number line will not print on the receipt for voided items.

## WIC CVV Support

New in this ScanMaster release is support for paper WIC CVVs (Cash Value Vouchers) in response to the USDA initiative to increase its participants' choices by offering fresh and processed fruits and vegetables. While traditional WIC checks are item-based, dollar-based WIC CVVs facilitate the purchase of fruits and vegetables since few fresh fruits and vegetables are sold in standard weight units (with uniform bar codes) and their prices may vary considerably (between seasons, regions and stores).

This implementation involves support for new "WIC CVV Sale Mode" where:

- Voucher amounts, issue and/or expiration dates are optionally entered at the beginning of a transaction.
- WIC CVV flagged fruits and vegetable items (or WIC CVV flagged department sales) are entered into the ticket.
- The transaction is tendered with the vouchers declared at the beginning of the transaction.
- Tendered vouchers are endorsed.

New POS Workstation Settings in this release also provide options to accept WIC CVVs (Cash Value Vouchers) in both a mixed-basket transaction and a split-tender transaction.

In a mixed-basket transaction, the ticket includes both non-WIC CVV and WIC CVV items. In a split-tender transaction, additional tenders in addition to WIC CVV are allowed in the in the same ticket (both inside and outside of WIC CVV Sale Mode).

When used, WIC CVVs must be the first tender selected in a transaction. If Food Stamps are used in a split-tender transaction (where WIC CVV tenders have been used), they must be the second tender selected. Lastly, traditional WIC checks cannot be tendered in the same transaction as a WIC CVV voucher.

## New Back Office Settings

The following new Back Office Settings are 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.

**Enable WIC CVV Voucher**

This field requires a Yes or No. Set this field to "Yes" to let the system know that the WIC CVV feature is enabled or not. When enabled, User Defined Tender 5 will be designated as the WIC CVV tender.

**Enable WIC CVV Sale Mode**

This field requires a Yes or No. Set this field to "Yes" to allow WIC CVV Sale Mode to be entered through either selecting it via the Status key menu (on Dynakey Type screen layouts) or by pressing the CVV Tender button (User Tender 5) at the beginning of sale (on hard-key systems). Selecting this function at beginning of transaction will designate transaction to be WIC CVV Fruits and Vegetables only - limiting entry to only items which have the respective flag set to be allowed in the transaction.

**Note:**

For Dynakeys, the WIC CVV Sale Mode function needs to be added as a Status key through the Keyboard Configurator. For all other keyboards, a User Defined Tender (linked to User Tender 5) will need to be added as a tender key.

## New POS Workstation Settings

To support this enhancement, the following POS Workstation Settings are implemented in this release. (The tab where the setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

**Prmpt if POS reduce CVV Tender [Media]**

This field requires a Yes or No. If this field is set to "Yes", and the CVV Tender entered is greater than the balance, the cashier will be prompted, "CVV TENDER REDUCED TO \$x.xx".

**Allow WIC CVV Split Tender [Media]**

This field requires a Yes or No. If this field is set to "Yes", the system will allow the sale total to be partially tendered by WIC CVV Vouchers and the remaining balance to be paid with other tenders. CVV Vouchers must be presented as tender first and followed next by Food Stamps if applicable and then remainder of sale can be tendered with any other tender. If the CVV tender is attempted other than the first tender, it will produce the error, "**WIC CVV MUST BE FIRST TENDER!**".

**Note:**

If **Allow WIC CVV Split Tender** is set to “Yes” and an item is entered that exceeds the sum of the WIC CVV Voucher amounts declared, the POS will produce a one-time warning, “**WARNING: EXCEEDING WIC CVV VOUCHER TOTAL**”, “**PRESS CLEAR TO CONTINUE.**”

If **Allow WIC CVV Split Tender** is set to “No”, the above scenario will become a sale limitation error, “**SALE TOTAL EXCEEDS CVV LIMIT!**”.

**Allow WIC CVV Mixed Basket [Media]**

This field requires a Yes or No. If this field is set to “Yes”, WIC CVV vouchers will be allowed to be tendered outside of a WIC CVV Sale Mode. When enabled, WIC CVV tenders may be applied against the WIC CVV subtotal only. Any remaining balance can be paid with by all other tenders. In addition, the WIC CVV Subtotal displays outside of a WIC CVV Sale Mode by selecting the WIC CVV Tender without indicating an Amount. .

If this field is set to “No” and a WIC CVV tender is attempted outside of WIC CVV Sale Mode, the POS will produce the error, “**MUST BE IN WIC CVV SALE MODE!**”.

**Note:**

When **Allow WIC CVV Mixed Basket** is enabled, a sale being rung outside WIC CVV Sale Mode considers the POS Workstation Setting **Allow WIC CVV Split Tender** as set to “Yes” (regardless of that POS Workstation Setting).

**Max Num WIC CVV Vouchers [Media]**

Two (2) digit numeric field. This setting specifies the maximum number of vouchers that can be presented in a single transaction. When used in conjunction with the **Enable WIC CVV Mode** option, the system will limit the maximum number of vouchers that can be input before the sale begins. This option will also limit the number of WIC CVV vouchers that can be tendered within a transaction. The default value of this option is 0 which indicates no limits.

**Note:**

The cycle of entering new WIC CVVs is controlled by the message, “**DO YOU HAVE ANOTHER CVV? (YES/NO)**”..

When the limit is exceeded at the Amount / Date prompts when entering WIC CVV Sale Mode, the POS concludes requesting for additional WIC CVV Vouchers and generates the message, “**MAX NUMBER CVV REACHED - PRESS ANY KEY TO CONTINUE TO SALE ENTRY**”.

When tendering and the limit is exceeded, the POS displays the error “**MAX NUMBER WIC CVV EXCEEDED!**”.

### **Capture WIC CVV Amt** [Media]

This field requires a Yes or No. If this field is set to “Yes”, and the Back Office Setting **Enable WIC CVV Mode** is set to “Yes”, at the beginning of WIC CVV Sale Mode the POS prompts for the first WIC CVV Voucher amount, “**ENTER MAXIMUM WIC CVV AMOUNT**”. Once entered, the POS will continue to ask for the additional WIC CVV Voucher amounts until the Total key is depressed (to indicate no more voucher to enter and continue with sale entry). The system will not allow any more vouchers than specified by the **Max Num WIC CVV Vouchers** option.

This option is ignored outside of a WIC CVV Sale Mode.

### **Capture WIC CVV Dates** [Media]

This field requires a Yes or No. If this field is set to “Yes” and the Back Office Setting **Enable WIC CVV Mode** is set to “Yes”, at the beginning of the sale (before the entry of WIC CVV Voucher amounts), the POS will prompt for the WIC CVV Voucher beginning and ending dates to ensure that the voucher is active. If the date range does not include the current system date, an error message displays.

If tendering WIC CVV outside WIC CVV Sale Mode, this option will cause the POS to prompt for the dates of each CVV tendered and prevent the tender from being accepted if the dates are not within valid range.

### **Ensure Signature on CVV Check** [Media]

This field requires a Yes or No. If this field is set to “Yes”, the system will prompt to verify a signature on WIC CVV vouchers.

## **New WIC CVV Flag in PLU and Batch Maintenance**

Fruits and vegetables that may be purchased using WIC CVV must be flagged accordingly using the new **WIC CVV** Status Flag on the Item Record Screen in both Item Maintenance and Batch Maintenance.

## Item Maintenance Screen

WTD Qty/Weight/Amount: 0 / 0.000 / \$0.00	SLP Qty/Weight/Amount: 0 / 0.000 / \$0.00
PTD Qty/Weight/Amount: 0 / 0.000 / \$0.00	Updated : 00/00/0000 at 12:00 am Record count: 1

Current UPC #	00000000000000004011		Status Flags	
Description	BANANAS		<input checked="" type="checkbox"/> Foodstamp	<input type="checkbox"/> Tax 1
Department	02 DL	PRODUCE	<input type="checkbox"/> Rx	<input type="checkbox"/> Tax 2
Subdepartment	SL	NOT USED	<input type="checkbox"/> NonRxHC	<input type="checkbox"/> Tax 3
			<input type="checkbox"/> WIC	<input type="checkbox"/> No Coupon
			<input checked="" type="checkbox"/> WIC CVV	<input type="checkbox"/> No Cpn Multiple
				<input type="checkbox"/> Discount 1
				<input type="checkbox"/> Discount 2
				<input type="checkbox"/> Discount 4
				<input type="checkbox"/> Discount 5
				<input type="checkbox"/> Free Item

General	Enhanced	Labels
Selling Price	Base Price	
Item Type	Item Type	
Unit Price	Unit Price	
Split Qty/Price	Qty/Price	
Ltd Qty/Price	Ltd Qty/Price	
Ad/Sale Level	Mix & Like	
Price Modifiers	Bottle Link	
Mix & Match	Margin/Markup	
Adj Code	CQty	
Like Code	PU Cost	
Bottle Link	CCost	
	Markup	

Batch Items	Delete	Lock Tab	Price Mode
Exit	Save	<< Prev	Search Mode
		Next >>	Abort
			About

### Note:

The **WIC** and **WIC CVV** flags are mutually exclusive in Item Maintenance. If the **WIC** flag is enabled and the user checks the **WIC CVV** flag, the **WIC** flag is automatically unchecked.

## WIC CVV Sale Mode

The POS Workstation now supports WIC CVV Sale Mode transactions using the following steps:

- 1 The cashier presses the WIC CVV Tender Key. If the new POS Workstation Setting "Capture WIC CVV Amts" is set to "Yes", the cashier is prompted to "ENTER MAXIMUM WIC CHECK AMT".
- 2 The cashier keys in the face amount of the voucher. If the new POS Workstation Setting "Capture WIC CVV Dates" is set to "Yes", the cashier is prompted for the voucher beginning and end dates. If the voucher is within the valid range, the cashier will be prompted: "Do you have another WIC CVV?". If Yes is selected, repeat steps 1 and 2 for the next voucher. If No is selected the POS is placed in WIC CVV Sale Mode (and WIC icon appears on the POS Workstation).

**Note:**

When the POS Workstation Setting “Max Num of WIC CVV Vouchers” has been reached, voucher prompting will finish and the POS will display the “Max Number CVV Reached – Press Any Key to Continue to Sale Entry” message.

- 3 The cashier enters WIC CVV designated items into the transaction (or optionally rings a department sale to a WIC CVV designated department).

**Note:**

If the cashier attempts to enter a non-WIC CVV item, the “Item Must be CVV Eligible” warning displays.

- 4 The cashier totals the transaction and selects the WIC CVV tender to tender the transaction. The POS prompts the cashier to enter one of the declared voucher amounts (from step 2) for tendering and endorsement.

**Note:**

If a non-WIC CVV designated tender is selected, the “WIC CVV must be first tender” message displays.

**Note:**

While inside WIC CVV Sale Mode, if a cashier selects the traditional WIC check tender, the error message “Not allowed in CVV Sale Mode” displays.

- 5 The cashier keys in the voucher amount. If the POS Workstation Setting “Ensure Signature on CVV Check” is set to “Yes”, the cashier will be prompted to verify signature.

**Note:**

If the WIC CVV Tender Amount is greater than the WIC CVV balance, the tender will be automatically reduced. If the POS Workstation Setting “Prmpt if POS reduce CVV Tender” is set to “Yes”, the cashier will be warned of correction to the tender amount.

- 6 The cashier inserts the voucher for endorsement (as configured through the Configuration Editor).
- 7 Repeat steps 4 through 6 until the transaction is fully tendered.

## Split-Tendering Support

When inside WIC CVV Sale Mode with the POS Workstation Setting “Allow WIC CVV Split Tender” set to “Yes”:

- After all declared vouchers have been tendered and endorsed, additional vouchers will be allowed.
- It is not required that any declared WIC CVV voucher is used (if the customer decides later to use another tender).

Whether inside or outside WIC CVV Sale Mode with split-tendering allowed:

- No change is allowed to be given for WIC CVV vouchers. If the balance due is less than the value of the last WIC CVV voucher to be tendered in a ticket the voucher will only be allowed to be tendered and endorsed for the remaining WIC CVV balance due in the ticket.

## Mixed Basket Support

A normal sale transaction with WIC CVV vouchers allowed functions as a normal sale does today with the following exceptions:

- Upon totaling the ticket the cashier must tender the WIC CVV vouchers first. If any other tender is tendered first WIC CVV vouchers will not be allowed.
- For each WIC CVV voucher tendered, the POS will validate and endorse the voucher for the tendered amount (using the same process as WIC CVV Sale Mode).

## Taxable Bucket Adjustments

WIC CVV items are automatically food stamp eligible therefore tax is forgiven on WIC CVV items within any transaction. Tendered WIC CVV vouchers reduce Food Stamp Taxable amounts by the maximum allowable amount. Assume a \$20.00 Food Stamp eligible sale has \$10.00 of WIC CVV eligible items. Items totaling \$5.00 are taxable, WIC CVV eligible and items totaling \$10 are Food Stampable, WIC CVV eligible. If an \$8.00 WIC CVV voucher is tendered:

- The CVV taxable amount is reduced by \$5.00 (the maximum allowable).
- The Food Stamp taxable total is reduced in parallel by \$5.00.

## Gift Card Differentiation

ScanMaster has added the ability to differentiate between EAN-based and UPC-based Gift Card barcodes. A new Gift Card setting has been added in this release in both Item Maintenance and Batch Maintenance to designate a Gift Card item as either an EAN Gift Card or a UPC Gift Card. If a UPC barcode is scanned and the POS Workstation expects an EAN-128 barcode, the “GIFT CARD ENTRY MUST BE EAN-128” message displays. Likewise, if an EAN-128 barcode is scanned and the POS expects a UPC barcode the “GIFT CARD ENTRY MUST BE UPC” message displays.

**Note:**

An EAN 128 gift card contains both the item number and account number in the barcode (requiring only one scan for sale and activation).

To correspond with this change, the existing POS Workstation Setting “Limit Gft Crd Entry to EAN-128” has been changed to “Gft Crd follow Item GC Setting”.

### Modified Item Maintenance Field

The Gift Card field (on the Item and Batch Maintenance Window’s Enhanced Tab) has been change from a Yes\No field to a multiple selection field with the following options: **0-No Gift Card**, **1-EAN 128** and **2-UPC**.

WTD Qty/Weight/Amount:	0 / 0.000 / \$0.00	SLP Qty/Weight/Amount:	0 / 0.000 / \$0.00
PTD Qty/Weight/Amount:	0 / 0.000 / \$0.00	Updated :	00/00/0000 at 12:00 am
Record count: 2			

Current UPC #	00000004500023200000		
Description	GIFT CARD		
Department	01	DL	GROCERY
Subdepartment		5L	NOT USED

Status Flags	
<input type="checkbox"/> Foodstamp	<input type="checkbox"/> Tax 1
<input type="checkbox"/> Pxx	<input type="checkbox"/> Tax 2
<input type="checkbox"/> NonPxxHC	<input type="checkbox"/> Discount 1
<input type="checkbox"/> WIC	<input type="checkbox"/> Discount 2
<input type="checkbox"/> WIC CVV	

General		Enhanced		Labels	
Misc. Options		Additional Status Flags		Promotional Information	
Enforce Qty	NO	<input type="checkbox"/> Seasonal	<input type="checkbox"/> Visual Verify	Points	\$0.00
Gift Card	0 - No Gift Card	<input type="checkbox"/> Exclude Min Pur		Bonus Points	\$0.00
	0 - No Gift Card	<input type="checkbox"/> Restrict Sales		Coupon Code	0000
	1 - EAN 128			Freq. Shopper	NO \$\$\$
	2 - UPC			Promo Code	00000000000000000000
Codes		List Valid Electronic Coupons on this Item			
Report Code	0000 NONE				
Commodity Code	00000000				
Family Code #1	000				
Family Code #2	000				

Batch Items	Delete	Lock Tab	Price Mode
Exit	Save	<< Prev	Search Mode
		Next >>	Abort
			About

## Modified POS Workstation Setting

To support this enhancement, the following POS Workstation Setting is implemented in this release. (The tab where the setting is located within the ScanMaster System Configuration Editor is listed in brackets.)

### Gft Crd follow Item GC Setting [Security]

This field requires a Yes or No. If this field is set to "Yes," the POS will use the Item File setting to determine if the Gift Card is EAN-based or UPC-based. If the field is set to "No" (default), the POS will not perform any checking for the availability of account number data and will process the Gift Card's UPC or EAN-128 barcode. During the activation phase at the end of sale, the POS will prompt for the cashier to swipe the cards which were scanned as a UPC since they will be assumed to be an MSR-type.

## Automatic Activation of Gift Cards

In order to speed up the Gift Card Activation in tickets where multiple Gift Cards are purchased, the cashier no longer needs to press the Clear key after a successful activation, allowing the next gift card to be immediately processed.

If the Gift Card was entered into the sale using a UPC rather than an EAN-128, the Gift Card Activation continues by requesting a card swipe for the next gift card (using the existing screen prompts).

**Note:**

If the gift card is declined or experiences a problem, the existing methods for resolution have not changed.

# Enhanced Electronic Journal Signature Printing

For transactions with captured signatures, ScanMaster's Electronic Journal print option now includes the transaction's Service Description and Authorization Number in the generated output.

ABC Grocery Store  
 123 Main Street  
 Anywhere, USA 12345-6789

ScanMaster Electronic Journal Signature Image  
 03/20/2009 11:50 AM

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--							
<b>Store</b>	<b>Reg</b>	<b>Cashier</b>	<b>Transaction</b>	<b>Date</b>	<b>Time</b>	<b>Customer</b>	<b>Sale Total</b>
0001	01	111	01018346	02-16-09	21:05:41	000000000001	\$12.45
<b>Tender</b>			<b>Account #</b>	<b>Exp</b>	<b>Transit</b>	<b>Check #</b>	<b>Amount</b>
Reserved			00000000000000000001				\$12.45
<b>Service Description</b>			<b>Authorization #</b>				
Groceries			012345678901234567890123456789				

---

Instore Charge

Service Description

Authorization Number

**Note:**

The Authorization Number is now written to the TLOG (if applicable to the tender).

**Note:**

If a transaction has signatures assigned to it, an option is available to print the signature and its related transaction data. This is handled through the Transaction Number (.TIN) file.

## PCI Password Encryption

In compliance with the requirements of the PCI (Payment Card Industry) council, ScanMaster passwords are now hashed in the database file. In addition, ScanMaster employee passwords are now required to be “strong” passwords – containing a minimum of 7 characters long, composed of upper and lowercase letters, at least one numeric value and at least one special characters (i.e.!,&, \$, etc). Passwords now expire in 90 days (by default) and cannot be the same as any of the previous 4 passwords. Passwords are never display (and if forgotten, must be reset).

## New Change Password Button

The login screen now contains a Change Password button so users can change their password at login:

The screenshot displays the ScanMaster login interface. At the top left, the version number 'v2.06.01.04' is visible. The main content area is divided into several sections:

- Customer Information:** A text box containing the following details:
  - Customer Name : Tim's Markets
  - Street Address : 1869 1st Ave
  - City, St. Zip : Cheney, WA 98009
  - Customer ID# : 100
  - Help Desk : 800-111-2222
  - Support Desk : 800-111-2222
  - Release Version : ScanMaster Version 2.06.01-010
- Run Status:** A text box indicating 'Last End-of-Day run at 09:37 AM on Friday 08-07-2009'.
- Login Section:** A box titled 'Login' containing:
  - An 'Employee #' field with three asterisks (\*\*\*).
  - A 'Password' field with ten asterisks (\*\*\*\*\*).
  - A 'Change Password' button.
- System Information:** A text box below the login section stating 'Btrieve Version: 10.13 (32 bit)'.
- Storage Information:** A text box at the bottom of the main area stating 'Free on Local Drive = 15.56GB Free on Lan Drive = 15.56GB'.

An arrow points from a callout box labeled 'Change Password button' to the 'Change Password' button in the login section.

After the Employee Number is entered, the button is enabled. When pressed, the following message appears:



When **OK** is pressed, the new Change Password Screen appears:

Employee Number

Employee Name

Enter Current Password

FrontOffice Password

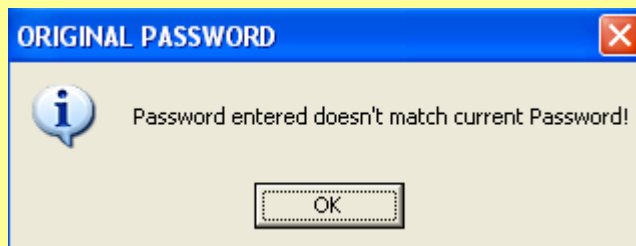
Confirm FrontOffice Password

FrontOffice Passwords must be 7-12 characters long and include upper and lower case letters, at least one number and one special character, i.e. !@#%\*^<>?\_ [Example: !Password1]

The user is prompted to enter their current password, key in a new password (and key in the password a second time for confirmation).

**Note:**

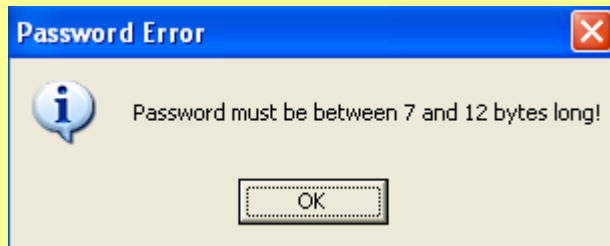
If the Current Password entered is not correct, the following message displays:



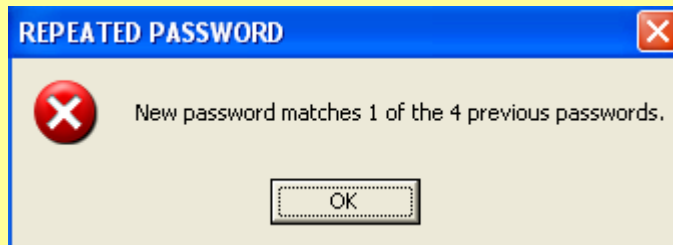
If the new confirmation password does not match the new password, the following message displays:



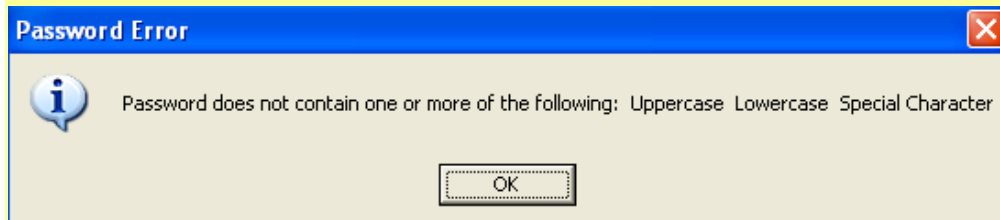
If the new password is not long enough, the following message displays:



If the password change is attempted and the password entered matches one of the last four used for the employee, the following message displays:



Finally, if the password is not "strong" enough, a message will appear to let the user know what attributes are missing:



## Employee Maintenance Screen Modifications

Several changes were made to the Employee Maintenance Screen in support of this development. The **Password #** field has been renamed to the **Manager ID #** field.

The screenshot shows a form with the following fields and values:

- Employee Number: 111
- Employee Name: DEFAULT E...
- Security Level (0-9): 9
- Active Status: 0
- BirthDate (MM/DD/YY): 00/00/0000
- Manager ID #: \*\*\*\*\*

Below the form are three buttons: **Reset Secret#**, **Disable FO Password**, and **Create/Reset Login Password**. Callout boxes identify the **Manager ID field** and **Additional Buttons**.

The **Manager ID #** field is the numeric code used by employees (with Security Levels of 1 and greater) to perform functions at POS applications that require a Manager ID.

**Note:**

Employees with Security Levels of 1 through 9 require entry in this field. The POS Workstation Setting “Minimum Security Level for Mgr” (Security Tab) determines the security level required to perform secured functions on the POS Workstation.

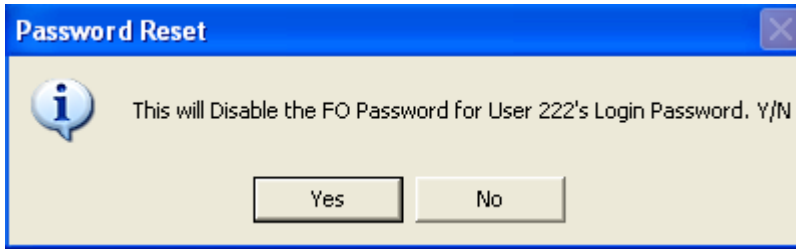
The **Reset Secret #** button will reset the employee’s POS workstation password (requiring a new secret password to be created the next time the employee logs into the POS Workstation). When pressed, the following message displays:



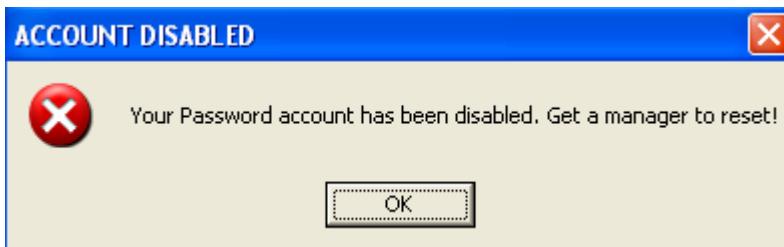
**Note:**

The Secret Number is also stored in the Employee File as encrypted data.

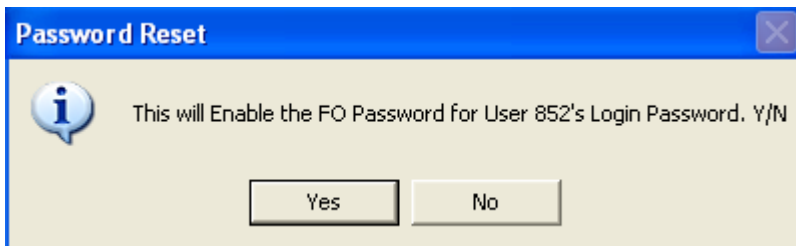
The **Disable FO Password** button will temporarily prevent the employee from logging into ScanMaster. When pressed, the following confirmation message displays:



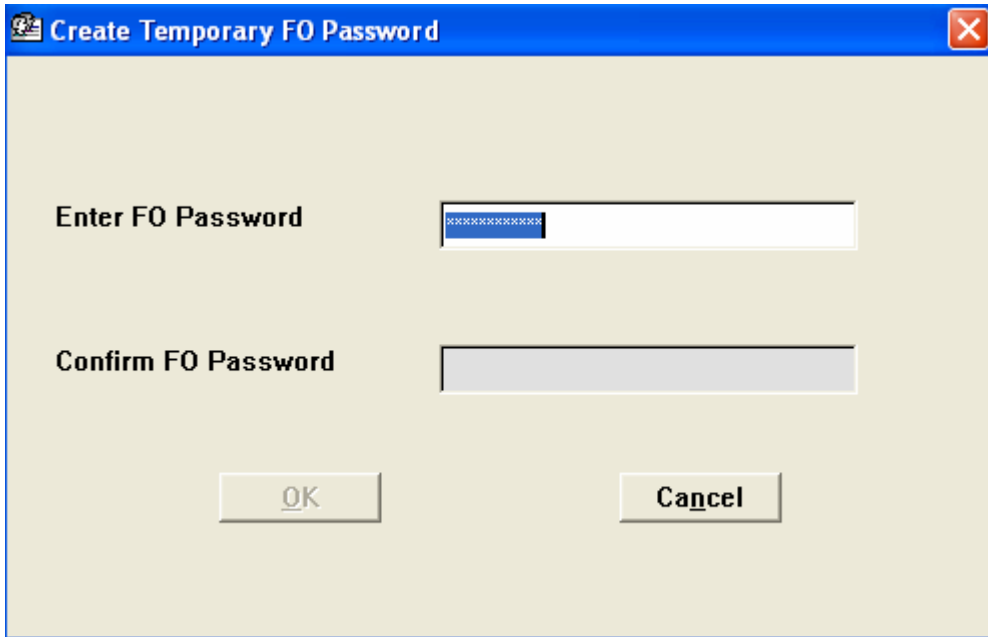
When the employee attempts to log into the back office, the following message will appear:



For employees that have had their account temporarily disabled, the **Enable FO Password** button appears in the Employee Maintenance Screen (in lieu of the **Disable FO Password** button). When pressed, the following confirmation message displays:

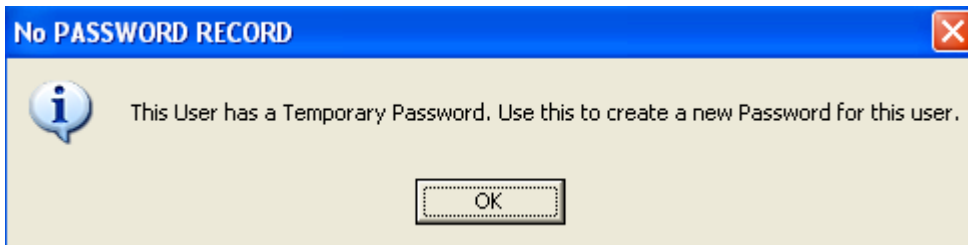


When a new employee is entered, a temporary password is now created using the **Create/Reset Login Password** button. When pressed the following screen appears:



The dialog box titled "Create Temporary FO Password" has a blue title bar with a close button (X) in the top right corner. The main area is light beige. It contains two text input fields. The first is labeled "Enter FO Password" and contains a series of asterisks. The second is labeled "Confirm FO Password" and is currently empty. At the bottom, there are two buttons: "OK" and "Cancel".

The user is prompted to key in a temporary password (and key in the password a second time for confirmation). When the new employee logs in to ScanMaster using the temporary password, the following message displays:

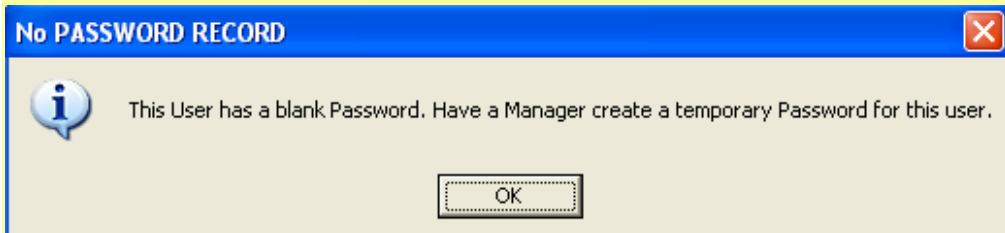


The dialog box titled "No PASSWORD RECORD" has a blue title bar with a close button (X) in the top right corner. The main area is light beige. It contains an information icon (i) on the left and the text "This User has a Temporary Password. Use this to create a new Password for this user." on the right. At the bottom, there is an "OK" button.

The user must click **OK** and then create a new password (using the Change Password Screen). Once completed, the employee must re-login using the newly created password before being granted access to ScanMaster.

**Note:**

If the employee has been added but a temporary password has not been assigned (using the **Create/Reset Login Password** button from the Employee Maintenance Screen), the following message appears:



The dialog box titled "No PASSWORD RECORD" has a blue title bar with a close button (X) in the top right corner. The main area is light beige. It contains an information icon (i) on the left and the text "This User has a blank Password. Have a Manager create a temporary Password for this user." on the right. At the bottom, there is an "OK" button.

The Manager must create a temporary password before the user can have access to ScanMaster.

## New Back Office Settings

The following new Back Office Settings are 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.

### Reset Login Password Interval

This field requires a number between 0 and 90 and determines the number of days an employee password is valid before it is required to be reset. The default value of "0" is interpreted as 90 days.

### Password Warning Interval

This field requires a number between 0 and 90 and determines the number of days prior to password expiration that an employee will be prompted to change their password. The default value of "0" is interpreted as 14 days.

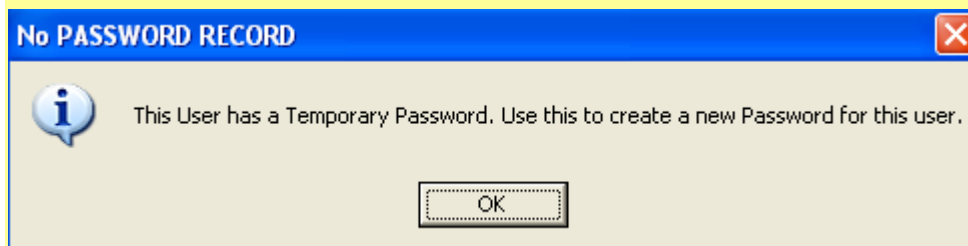
### Note:

The following message displays after the Employee # is entered by the user on the ScanMaster Login Screen when the Password Warning Interval is in effect :



### Note:

After the new install, ScanMaster now issues a temporary password to Employee 111 of **!StartPW1** (in order to login and assign new users and passwords). You will be prompted to change this password as soon as you login:



## U-Scan Alternate Customer Lookup

The ScanMaster interface to Fujitsu's U-Scan self checkout system has been modified in this release to allow a customer to use their phone number as an alternate customer lookup (if their card is not available).

### Note:

The customer's phone number must exist in the customer's **Lookup Phone #** field (in ScanMaster File Maintenance) before it can be entered and validated.

## Setup Requirements

The StoreNextGMM.XML file (located in the c:\Robot\data folder) must be modified so the desired prompt message displays. In the Member ID subsection of the "TEXT AND LABEL FIELDS" section, change the TextFieldData value of the msgMemberId field to the desired message for customer identification prompting:

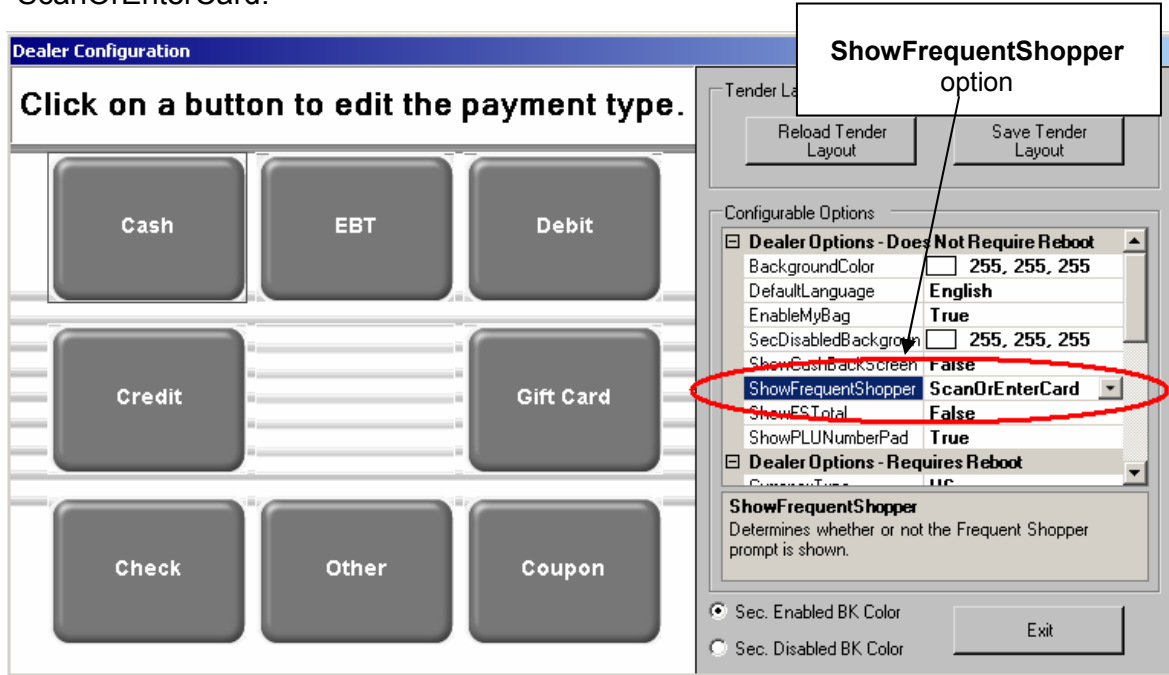
```
<!-- #####
#          TEXT AND LABEL FIELDS          #
#####-->
<!-- General Screen Labels & Texts -->
<!-- Start Screens Labels & Texts -->
<!-- Member ID -->
<TextField Name="MemberIdPinpad_VAL">
<TextFieldData Style="Font_PinpadVal" Lang="English" Value=""></TextFieldData>
<TextFieldData Style="Font_PinpadVal" Lang="Spanish" Value=""></TextFieldData>
<TextFieldData Style="Font_PinpadVal" Lang="French" Value=""></TextFieldData>
</TextField>
<TextField Name="msgMemberId">
<TextFieldData Style="Font_UserMsg" Lang="English" Value="Scan or enter your
membership card&#xA;or phone number"></TextFieldData>
<TextFieldData Style="Font_UserMsg" Lang="Spanish" Value="Pase su tarjeta de
membres&#237;a por el lector &#243;ptico&#xA;&#243; entre la informaci&#243;n
en el teclado num&#233;rico"></TextFieldData>
<TextFieldData Style="Font_UserMsg" Lang="French" Value="Veuillez scanner
votre carte de membre&#xA;ou entrer le num&#233;ro"></TextFieldData>
</TextField>
```

Member ID subsection

### Note:

The "&#xA;" command in this example causes a line break in the string so that the prompt appears on two lines.

In addition, the “ShowFrequentShopper” option in DealerConfig.exe (located in the c:\Robot\data folder) must be changed to “ScanOrEnterCard.”



## Process Flow

There are seven possible scenarios that can occur after the customer presses the “Start” button on the U-Scan terminal and is presented with the keypad prompt. The following table shows each scenario and result.

Scenario	Results
<p>1 – Customer key-enters a number of length greater than 5 digits that:</p> <ul style="list-style-type: none"> <li>Is not a valid customer number or Secondary ID.</li> <li>Is not a valid item number</li> </ul>	<ul style="list-style-type: none"> <li>Key-entered number greater than 5 digits is assumed to be an attempt by the customer to enter a customer number.</li> <li>The robot will say “Place item on scanner and wait”</li> <li>The Attendant screen will say “Invalid Customer Number”</li> <li>(Direct Intervention by cashier needed in direct mode to proceed with sale.)</li> <li>The customer will not receive Frequent Shopper discounts.</li> </ul>
<p>2– Customer key-enters a number of length 5 digits or fewer that:</p>	<ul style="list-style-type: none"> <li>Key-entered item less than or equal to 5 digits is not assumed to be an attempt by the customer to enter a customer number. The</li> </ul>

<ul style="list-style-type: none"> <li>• Is not a valid customer number or secondary ID.</li> <li>• Is not a valid item number</li> </ul>	<p>number will be looked up in the customer file first and when it is not found will be processed as an item number.</p> <ul style="list-style-type: none"> <li>• Robot will say “Place item on scanner and wait”</li> <li>• The Attendant screen will say “Item Not on File”</li> <li>• (Direct Intervention by cashier needed in direct mode to proceed with sale.)</li> <li>• The customer will not receive Frequent Shopper discounts.</li> </ul>
<p>3 – Customer key-enters a number of length 5 digits or fewer that:</p> <ul style="list-style-type: none"> <li>• Is not a valid customer number or secondary ID.</li> <li>• Is a valid item number</li> </ul>	<ul style="list-style-type: none"> <li>• Key-entered item less than or equal to 5 digits is not assumed to be an attempt by the customer to enter a customer number. The number will be looked up in the customer file first and when it is not found will be processed as an item number.</li> <li>• The U-Scan will ring up the item.</li> <li>• The Secondary ID prompt will be bypassed.</li> <li>• The sale will continue</li> <li>• The customer will not receive Frequent Shopper discounts.</li> </ul>
<p>4 – Customer key-enters a valid Customer Number</p>	<ul style="list-style-type: none"> <li>• Robot will show Frequent Shopper card number on e-receipt.</li> <li>• Robot will say “Welcome Frequent Shopper.”</li> <li>• Sale will continue.</li> <li>• The customer will receive Frequent Shopper discounts.</li> </ul>
<p>5 – Customer key-enters a valid Phone Number or Secondary ID.</p>	<ul style="list-style-type: none"> <li>• Robot will show the Phone Number or Secondary ID as the Frequent Shopper Card number on e-receipt.</li> <li>• Robot will say “Welcome Frequent Shopper.”</li> <li>• Sale will continue.</li> <li>• The customer will receive Frequent Shopper discounts.</li> </ul>

6 – Customer scans a valid Customer Card

- Robot will show Frequent Shopper card number on e-receipt.
- Sale will continue
- The customer will receive Frequent Shopper discounts.

7 – Customer presses the “Non-Members” button to bypass the prompt.

- Robot will show “Frequent Shopper Card 0” on e-receipt.
  - Robot will say “Welcome Frequent Shopper.”
  - Sale will continue.
  - Customer will not receive Frequent Shopper discounts.
-

## New Scanner Support of Databar Barcodes

Scan support has been added in this ScanMaster release for Databar coupons, produce and variable meat items on Fujitsu Model 9950 Scanners as well as NCR Scanner/Scales.

**Note:**

Support for Databar barcodes was first released in ScanMaster 2.06.00-050.

**Note:**

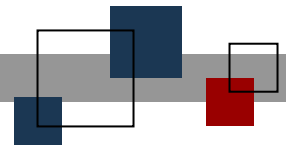
As of this writing, the only Fujitsu scanner supporting DataBar barcodes is the 9950 model. A 9950 scanner can be identified by looking under the platter of a 9900. The black plastic scanner housing contains a small white sticker. If the printing on that label begins with "K" (for example KD02152-D400) the model is a 9950 scanner. If not, it is a model 9900 scanner.

**Note:**

The Fujitsu scanner must be "RSS 14 Enabled". See the Fujitsu Scanner Programming Manual for more information.







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