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Retalix BackOffice
Release Notes
Version 4.6.0

RBO Release Notes

Date of Issue	Product Identification Number	Part Number	Brief Description
May 2003	45001/072	89000135	Initial Release – 4.2
November 2004	45201/072	NPN	4.3 Release
March 2005	45201/072	89000206	4.4 Release
July 2005	45201/072	89000357	4.5 Release
January 2006	45201/072	89000360	4.5.1 Release
April 2006	45201/072	89000363	4.5.2 Release
April 2007	45201/072	89000367	4.5.3 Release
January 2008	45201/072	89000481	4.6.0 Release

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Retalix BackOffice Release Notes

Release:	4.06.00									
Date:	January 2008									
Goal of Release:	General Release									
O/S Support:	Windows 2000									
	Windows 2003 Server									
	Windows XP Professional									
DB Support:	SQL Server 2000 Standard Edition Service Pack 4									
	SQL Server Express									
POS Type	ISS45 V7		ISS45 V8			ScanMaster				ACS-IR
Releases Supported	7.7	7.0.9	8.4.6	8.1.0	8.1.3	1.2	2.0	2.2	2.5	6.01.02
	7.8	7.1.0	8.0.6	8.1.1		1.3	2.1	2.3		6.01.03
	7.0.8	7.1.1	8.0.8	8.1.2		1.4	2.1.2	2.4		6.01.04

Installation/Update information

General

Internet Explorer 5.5 must be installed prior to installing RBO. The installation is found on the RBO Installation CD in the \Other\Microsoft\Internet Explorer 5.5 folder.

If the computer on which RBO Server is installed is not physically connected to a network, RBO services will not start and RBO will not run. Be sure the RBO computer is connected to a network, even if only to a hub with no other active systems.

The RBO default user name is **Admin**. You should add additional users through security maintenance. See the RBO Users Guide for instructions.

SQL Server Service Pack 3 is included on the Retalix BackOffice Installation CD in the \Other\Microsoft\SQL Server 2000 SP3a folder.

A Stylus Patch has been included on the RBO installation CD. Execute the install.bat file in the \Stylus_Apply_this_patch_after_setup_ folder to apply the patch.

Users are not automatically granted Read/Write/Execute permissions to shares in Windows Server 2003. When installing Stylus and sharing the Insignia folder as per the installation instructions, you must modify the share permissions to allow users and administrators Read/Write/Execute permissions.

To accommodate the additional disk space that movement history will require, it is recommended that RBO be installed on 10gb or greater partition.

For best performance, 512mb or greater memory is recommended on the RBO Server.

Installing RBO with SQL Server Express

RBO may be installed with SQL Server Express as the database server for **V7**, **ScanMaster** and **NCR ACS-IR** installations. SQL Server Express 2005 is a royalty-free version of the SQL Server 2005 database server and is available from the Microsoft web site. SQL Server Express must be installed prior to installing RBO.

Determining when SQL Server Express can be used

SQL Server Express is not always the best option as a database for use with RBO. The following are pre-requisites and guidelines for determining when SQL Server Express is appropriate.

Pre-Requisites

- SQL Server Express may only be used in a non-ISS45 V8 environment.
- SQL Server Express requires .NET Framework 2.0, which must be installed separately from and prior to installing SQL Server Express
- SQL Server Express requires Microsoft Internet Explorer 6.0 and greater.

Guidelines

Refer to the document “Getting Started Guide” for the preferred installation to use with RBO.

SQL Server Express 2005 Installation recommendations

Please refer to the installation instructions for SQL Server Express from Microsoft for pre-requisites and installation procedures.

Installing RBO for ISS45

Version 8

- RBO Server must be installed on MFS1.
- The ISS45/StoreLine parameter “Update All Mix and Match Groups When One PLU Changed” must be set to **No**. If this parameter is set to **Yes**, the “Send PLU File to POS” will return errors before it is completed, will take many hours to complete and when the build completes, RBO and the POS will be out of sync.
- The following parameters must be set in ISS45:
 - General System Parameters
 - Store>Front Office>PLU and Batch>Batch Options
 - Use Fast PLU Batch Execution = **Yes**
 - Store>Front Office>PLU Options>Validation
 - Force short and long description to match = **No**
 - Store>POST>Monetary>Frequent Shopper>Frequent Shopper Mode
 - Frequent shopper type
 - **Enhanced frequent shopper (type2)**
 - Store>Front Office>System>Object Security
 - Enable PLU Object Security In System = **No**

Reboot the system after making this last change

- The PLU Maintenance and PLU Batch features from the PLU Management menu in ISS45 Office are removed from the menu system. This is done to prevent data entry outside of RBO and keep the files synchronized.
- ISS45 Office Client must be installed where a RBO client is installed.
- To accommodate existing servers that have a computer name that begins with a number, the host file must be updated to include an entry for MFS1 that corresponds to the server’s IP address. The entry should resemble: 192.1.1.10 MFS1
- SQL Server 2000 must be installed according to ISS45/StoreLine Office Installation instructions. Specifically, the Collation Settings must be set for **Binary order for use with the 850 (Multilingual) Character Set**. Failure to install SQL Server correctly will render the Fast PLU Release feature in RBO incompatible with ISS45/StoreLine

Version 7

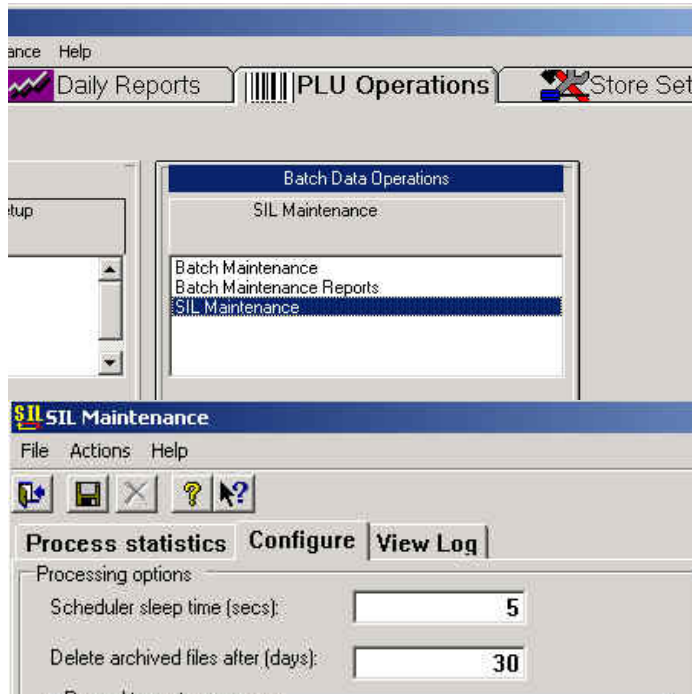
- RBO Server may be installed on MFS1, MFS2 or any stand-alone Windows Server or Workstation (if using SQL Server Express). The Retailix StoreLine Communications Repository must be installed on MFS1. Refer to the [Getting Started Guide](#) for installation instructions.
- ISS45 Office Client must be installed on any RBO system where item maintenance will be performed.
- The Parameter “PLU follow department flags as default” should be unchecked to permit the update of department governed flags on the POS from RBO.

Installing RBO for ScanMaster

- Installation instructions for ScanMaster 1.X are provided in the \Other folder on the RBO installation CD. Please refer to the folder entitled “Pervasive for ScanMaster 1.2” for instructions.
- Installation instructions for ScanMaster 2.0 are provided in the \Other folder on the RBO installation CD. Please refer to the folder entitled “Pervasive for ScanMaster 2.0” for instructions.
- Installation instructions for ScanMaster 2.1 and greater are provided in the \Other\ folder on the RBO installation CD. Please refer to the folder entitled “Pervasive for ScanMaster 2.1” for instructions.
- RBO replaces the functionality of Enhanced Pricing in ScanMaster 2.1. You must disable Enhanced Pricing in ScanMaster when installing RBO.
- The default release number for ScanMaster 2.1.X support in RBO is 2.1.2. This is the first StoreNext release of ScanMaster. If you are installing RBO on an NCR ScanMaster 2.1.0 system, you must change the POS release number in Parameters to ScanMaster 2.1.0. Failure to do so will result in an error when pulling the departments from the POS and when adding a new item.
- ScanMaster Client must be installed on the RBO Server/Workstation to access electronic promotions on ScanMaster 2.1.X and greater. RBO uses the ScanMaster client software for this feature.
- RBO may be installed on the ScanMaster Server when installing for ScanMaster 1.3 or greater and 2.1.2 or greater. This eliminates the previous requirement of separate ScanMaster and RBO server systems. ****THIS IS ONLY FOR SCANMASTER RELEASES THAT ARE DISTRIBUTED BY STORENEXT. – NCR DISTRIBUTED SYSTEMS REQUIRE SEPARATE SERVERS****
- A separate installation for ScanMaster movement has to be done on the ScanMaster server. Please run Setup from the Retailix ScanMaster Movement folder under the \Other folder on the RBO installation CD.

Installing RBO for NCR ACS-IR

- RBO must be installed on a system other than the ACS Primary or Secondary.
- Following the RBO Installation, installation of the Retalix ACS Repository must be performed on the ACS Primary and Secondary (if one exists) servers.
 - ◆ The ACS Repository Service installs files necessary for communication with the ACS database and for pulling movement.
 - ◆ Included with the ACS Repository Service installation is an installation of the Retalix ACS Datapump service. The Datapump provides necessary support for transferring SIL files, executing batches and message logging on the ACS server.
- To install the Retalix ACS Repository, follow instruction from the RBO installation CD in the [\Other\RBO_ACS Communications\ACS Communications Getting Started Guide.pdf](#)
- To reduce the default wait time for maintenance to apply to the ACS-IR system, the following timer changes are recommended:
 - ◆ ACS-IR SIL Configuration
 - If POS performance is negatively affected by this change, increase by 1 second. This determines how frequently the SIL processor checks for new SIL files.



NCR ACS-IR Installed on a Windows 2003 Server

There have been issues identified when installing ACS-IR on a Windows 2003 server and modifying the configuration as described above. The primary issue is one where applying maintenance never completes until the Datapump issues a timeout. If this problem is encountered, contact StoreNext support for assistance.

Updating RBO

- Please ensure that a back up of the databases has been performed prior to executing an update.
- When updating RBO for ISS45, the RBO StoreLine Communications must be updated. When RBO Server is installed on MFS1, the installation will automatically install or update the RBO StoreLine Communications application. If RBO Server is not installed on MFS1 (V7 only), you must install the StoreLine Communications application separately on MFS1. The setup is found on the CD under Other\RBO StoreLine Communications. Initiate the update by launching Setup.exe on the CD from the ISS45 POS Server.
- When updating RBO, if any FM Parameters include the field 72. pkg size, the parameter must be edited before using. Field 72 has been renamed pkg count and will cause the FM application to crash, requiring a restart of the FM service.
- Reports changed significantly after RBO 4.2.1 and existing queries may not be updated. Please review the available reports and report queries. Rebuild new queries as required.
- If updating from prior to RBO 4.5.0, the **Movement Extract For Host** Back Office Task will need to be recreated.
- When updating RBO on a ScanMaster system upgraded from prior to 2.1.2 to a release equal to or later than 2.1.2, the existing Data Source for NCR ScanMaster on the RBO Server and RBO Clients must be renamed to **ScanMaster** to refer to the ScanMaster Data Source on the ScanMaster server. Additionally, a ScanMaster Data Source is required on both the RBO Server and Client. Instructions are provided in the \Other folder on the RBO Installation CD. Please refer to the folder entitled “Pervasive for ScanMaster 2.1” for instructions. This is required for the RBO Server and each RBO Client that will do Item Maintenance.
- There are several pre-defined FM Flexible Data Collect Parameters written to the system. These parameters will overwrite any existing FDC parameters with the same numbers. You will need to recreate any FM Flexible Data Collect Parameters numbered 89 – 95.
- **When updating RBO for ScanMaster, you will need to install the Retailx ScanMaster Movement application on the ScanMaster server. Please run Setup from the \Other\Retailx ScanMaster Movement folder on the RBO Installation CD.**

What's New in 4.06.00

Item Maintenance Features

Flexible Spending Account Field Support

This release of RBO has been updated to support the ability to flag items as required by supported POS systems as Non-Rx (Healthcare Eligible) and Rx items. Each supported POS manages these flags differently, as described below. The basic logic for these flags is as follows:

- Two flags exist at the Department and the Item level. The terms RBO uses for these flags are: Rx and Non Rx HC
- The Rx, Non Rx HC and Food Stamp Flags are mutually exclusive of each other
- When setting one of these three flags to True (checking them in the form), the other two flags will be set to False (unchecked in the form)
- These flags are set to the department default when an item is added to a particular department and follow the normal override logic for department flags
- Only one of the three flags will be sent as Y to the POS

All applications and features that update the item file, including FM, SIL, General Import, File Synchronization and File Build have been updated to support these flags and follow the logic as described above.

ISS45 V8/StoreLine Implementation

RBO has added the two flags to the Department Itemizers tab in Item Maintenance.

Dept Override:

Sub-Department:

Discount:

POST Item Msg:

Exchg Tender ID:

Bulk Tax Group:

Restriction Layout Manual Price:

Coupon Type

Store: Bonus: Vendor:

Override Flags

Tax Flags

1: 2: 3: 4: 5: 6: 7: 8:

Food Stamps: Non Merchandise:

WIC: Decimal Qty:

Cost-Plus Item: Prohibit Discount:

Negative Entry: Rx: Non Rx HC:

Pricing | Item | Other Pricing | Receiving | Ordering | Movement | Shelf/Label/Scales | **Department Itemizers** | Item Flags

As one of the three exclusive flags (Food Stamps, Rx and Non Rx HC) is checked, the other two flags are immediately unchecked. The flags Non-Rx Healthcare Item and Rx Item are updated on the POS.

ISS45 V7

The flags TAX 6 and TAX 7 have been modified to manage the Rx and Non-Rx flags, respectively. These flags behave as described above in that when one of the flags is checked, the exclusive flags are unchecked.

ScanMaster 2.5

The implementation for FSA flags in ScanMaster 2.5 is similar to the implementation for ISS45 V8. Department flags define the default behavior and the items may override the defaults. ScanMaster has an added complexity in that the flags may follow the item or the department. When flags are set to follow the department, checking (setting) the flags in Item Maintenance reverses the current department behavior for that flag. RBO has implemented a method of determining, based on whether the department flags follow the item or the department, the end result of a particular flag. The following screen shots describe the behavior when the department record has the Rx flag set to True (checked) and the POS gets its flags from the department by default. If the POS gets its flags from the Item record, a checked flag turns on the flag on the POS. The logic shown below mimics the logic of the ScanMaster POS system:

The screenshot shows the 'Itemizers' configuration window. At the top left, 'Dept Override' is unchecked. The 'Department Flags' section contains two tables. The first table has columns 'Item', 'Dept', and 'Result'. The 'Rx' row has 'Dept' checked and 'Result' checked. The second table has columns 'Item', 'Dept', and 'Result'. The 'Exclude Min Pur.' row has 'Dept' checked and 'Result' checked. The 'Itemizers' section on the right contains several checkboxes: WIC, No Coupon, No Coupon Mult, Visual Verify, Restrict Sales, and Gift Card, all of which are unchecked. At the bottom, a navigation bar includes 'Pricing', 'Item', 'Other Pricing', 'Receiving', 'Ordering', 'Movement', 'Shelf/Label/Scales', and 'Itemizers' (which is highlighted).

Follow department - no override

The screenshot shows the 'Itemizers' configuration window. At the top left, 'Dept Override' is checked. The 'Department Flags' section contains two tables. The first table has columns 'Item', 'Dept', and 'Result'. The 'Food Stamp' row has 'Item' checked and 'Result' checked. The 'Rx' row has 'Dept' checked and 'Result' unchecked. The second table has columns 'Item', 'Dept', and 'Result'. The 'Exclude Min Pur.' row has 'Dept' checked and 'Result' unchecked. The 'Itemizers' section on the right contains several checkboxes: WIC, No Coupon, No Coupon Mult, Visual Verify, Restrict Sales, and Gift Card, all of which are unchecked. At the bottom, a navigation bar includes 'Pricing', 'Item', 'Other Pricing', 'Receiving', 'Ordering', 'Movement', 'Shelf/Label/Scales', and 'Itemizers' (which is highlighted).

Override department - set Food Stamp

Lastly, if overriding the department and the Non Rx HC is set in the above scenario, the Rx flag in the result column is checked. When more than one flag is set on the item record, either due to overriding the department or by improperly setting more than one of the three flags, the logic on the POS works as follows:

If Food Stamp and either the Rx and Non-Rx HC flag are set, Food Stamp wins
If Food Stamp is not set and Rx and Non-Rx HC flags are both set, Rx wins

ACS-IR

NCR has provided up to nine selective itemizers. SI 1- SI 9. SI 1 is the Food Stamp SI and the rest are available for each customer to use as needed or with special programming. With ACS, the users will configure two specific SIs as Rx and Non-Rx. Since RBO will not know which SI is used for Rx and Non-Rx HC but already supports updating all the SI flags, no changes have been made to the RBO ACS-IR implementation for FSA.

ScanMaster MSRP and Competitive Price You Saved

A new feature was added to RBO to allow users to set either MSRP or Competitor's Price as the comparison price on ScanMaster. A new Parameter – Set Base Price from Competitor or MSRP – was added to the system to enable this functionality.

Parameter

The screenshot shows the 'Parameter Maintenance - [Maintain Parameter Settings]' window. The window has a menu bar with 'File', 'Edit', 'Reports', 'Window', and 'Help'. Below the menu bar is a toolbar with icons for saving, printing, and refreshing. The main area contains various parameters with checkboxes and dropdown menus. The parameter 'Set Base Price From Competitor or MSRP' is highlighted in yellow. The 'Item Management' tab is selected in the bottom navigation bar.

Force POS Description to Upper Case:	<input type="checkbox"/>	Auto Release:	<input type="checkbox"/>
NSC2 Lookup Format:	5 Digit Lookup	Enable Temp Batches:	<input checked="" type="checkbox"/>
Set Receivable Flag for New Receiving Packages:	<input checked="" type="checkbox"/>	Lowest Price Wins:	<input type="checkbox"/>
Set Orderable Flag for New Receiving Packages:	<input checked="" type="checkbox"/>	Advertised Items Take Priority:	<input type="checkbox"/>
Default Supplier:	NO SUPPLIER	Show Deleted Batches in Batch Mngr:	<input checked="" type="checkbox"/>
Item Description to Use on Reports:	Item Description	Display POS Movement:	<input checked="" type="checkbox"/>
Enable Item Group Code Pricing	Screen Only	Open Batches in Query Mode:	<input type="checkbox"/>
Weight is Measured In Pounds:	<input checked="" type="checkbox"/>	Full Stage Cut-Off Time:	05:00 PM
Set Base Price From Competitor or MSRP:	<input type="checkbox"/>	Auto Calculate Price Using Target GM%:	<input checked="" type="checkbox"/>
Item's Department Flags Follow:	Dept	Default to Immediate Batch Apply Mode:	<input type="checkbox"/>
		POS Cost Sync Cut-Off Time:	05:00 PM

Store Parmns Labels Host Host Extract **Item Management** Inventory

How it works

The new feature works as follows:

Under normal operations, as a temporary price change is entered, the regular price is copied into the Base Price field and the Ad Level is set to 1 to indicate that the system should perform a price compare and print a savings message on the receipt. With the new feature enabled, if either the MSRP or Competitor's price is non-zero, that field will be copied into the Base Price instead of the Regular Price. This allows a store that wants to compare against MSRP or against Competitor's prices to use these prices on a Regular Price or Sale Price item. If both the Competitor's Price and the MSRP price are non-zero, the Competitor's Price is used for the comparison. See screen shot's below for examples.

Screen Shots for ScanMaster Comparison Feature

The first screen shot shows that the MSRP has been changed, the regular price was changed and the Base Price was updated with the MSRP

Promotional Information

Freq. Shopper: No - \$\$\$ Bonus Points: 0 Adjective Code: 0
 Points: 0 Coupon Code: 0 MSRP: 1.49
 Promo ID: 00000000000000001234 Hold Price: 1 / 0.00

Auto Pricing
 Target GM %: 0.00
 Pass-on %: 0.00
 Min Auto Price Change: 0.00

Promotions For This Item

Description	Lookup By	Value	FS Level	Disc Type	Disc Amt	Start Date	End Date

Pricing | Item | **Other Pricing** | Receiving | Ordering | Movement | Shelf/Label/Scales | Itemizers

Ready 0 adds / 1 changes / 0 replaces / 0 deletes 1 OF 1 1/2/2008 12:57 PM

Price - Unit: 1.39 Split: 0 / 0 Item Group Code: 0 - None Gross Margin%: 100.00

Price Changed: 12/12/2007 By: admin Sale Tracking ID: Ad Item:

Pricing Attributes

Item Type: Unit Ad Level: 1
 Limited Price: 0 / 0.00 Free Item:
 Tare / Weight: 0 / 0 Enforce Qty: No

Base Pricing

Item Type: Unit
 Unit Price: 1.49
 Split Price: 0 / 0.00
 Limited Price: 0 / 0.00
 Weight: 0
 Tare Code: 0
 Mix/Match Code: 0
 Bottle Link: 0

Other Batches Affecting this Item

Status	Number	Description	Priority	Start Date	End Date	Price
In-Effect	3	admin - Form Item Maintena	0 - Regul	12/12/2007		1 for 1.29
Not Staged	5	admin - Form Item Maintena	0 - Regul	1/2/2008		1 for 1.29
Future	6	admin - Form Item Maintena	4 - Sale F	1/6/2008	1/12/2008	1 for 1.29
Applied	4	admin - Grid Item Maintena	0 - Regul	12/10/2007		1 for 1.19

Pricing | Item | **Other Pricing** | Receiving | Ordering | Movement | Shelf/Label/Scales | Itemizers

This next screen shot shows that the Competitor's Price has been changed to 1.45 and the new Base Price is 1.45. Notice that in both cases, the Ad Level is set to 1 to trigger the comparison on the POS.

Price - Unit: 1.39 Split: 0 / 0

Shelf Tag Qty: 1
 Shelf Tag Type:
 Package Count: 1
 Competitor Price: 1 / 1.45
 Competitor Desc:

Sale Tracking ID: Ad Item:

Ad Level: 1
 Free Item:
 Enforce Qty: No

Base Pricing

Item Type: Unit
 Unit Price: 1.45
 Split Price: 0 / 0.00
 Limited Price: 0 / 0.00
 Weight: 0
 Tare Code: 0
 Mix/Match Code: 0
 Bottle Link: 0

Start Date	End Date	Price
12/12/2007		1 for 1.29
1/2/2008		1 for 1.29
1/6/2008	1/12/2008	1 for 1.29
12/10/2007		1 for 1.19

POS Release Compatibility

As RBO is enhanced, certain features require enhancements to the POS before they will work properly. The link below opens an Excel Spreadsheet that describes those features that require specific POS releases. The releases given indicate the minimum version of software to use the new feature.

[RBO Compatibility.xls](#)

Database changes

The following changes have been made to the database between 4.5.3 and 4.6.0.

Changed Tables

The following existing tables have added fields

Table Name: item_storeline, item_storeline_ref, item_storeline_batch, item_scanmaster, item_scanmaster_ref, item_scanmaster_batch, label_info_sm, and label_info_storeline.

Purpose: POS specific item table

Column Name	Data Type	Allow Nulls	Foreign Key	Description
fsa rx flag	char	N		RX Flag
fsa non rx hc flag	char	N		Non-Rx HC Flag

Resolved Issues

Defect #	Defect Description
3122	Resolved an issue where exporting a SIL batch on a client would only append, not replace, an existing file
3172	Updated FM command in User's Guide to include the / in the Stock Count Commands
3436	Resolved a conflict between the Enable Prompt for Shelf Tag Types and the Set Tag Types logic when both are set in parameters
3485	Updated the logic to adjust the Movement Dates table when the Movement History Parameters: Business Week Start Day or First Quarter Starts on are changed
3605	Resolved an issue where the General Import Utility would return a "File Not Found" message after a file used to create a template is processed and moved from the Pending to the Processed folder
3606	Resolved an issue where a formula greater than 256 characters could not be applied
3617	Resolved an issue on ISS45 V7 where a "User not in File" message was returned erroneously when launching Office from Navigator
3645	Improved SIL logging so that it contains accurate information, is consistent and can be parsed easily by a host system
3650	Added the ability to prompt the user to clear the label_info table between print jobs when not using Stylus but writing to the database
3675	Added the Ad Flag to a temporary batch created when using SIL with the parameter Process TPR/Ad Fields into Temp Batch(es) is selected. Previously, only pricing information was written to the temporary batches
3678	Resolved an issue with deleting suppliers still associated with items
3684	Resolved an issue with the Label Tag Export file not including the Frequent Shopper Price (X for Y\$) pricing method
3687	Resolved an issue where items were showing up in a Set To Regular batch even though there was no apparent reason they should
3692	Resolved an issue where the Up and Down arrows did not work in Grid Maintenance
3694	Resolved an issue where immediate changes were releasing temporary changes, even when the temporary batch was not set to Auto Release
3705	Resolved an issue where Stock Count Reports could not be accessed from a RBO Client
3709	Resolved an issue where the items changed by the Item Group Code function were not having the You Saved pricing updated properly
3710	Added Item Group Code pricing support on the hand-held for later batches
3723	Resolved an issue where the General Import was sometimes dropping values on a file load
3726	Resolved an issue where Item File Sync was always syncing on the POS Cost/ POS Vendor when the field included leading zeros
3727	Resolved an issue where the Delete Zeros Movers function only permitted 2-digit Report Codes instead of the full 4-digit value.

Open Issues

When an item's scale flag status changes within a reported period, the current status is used. Any movement stored for the item with the non-current status will not be reported. For example, if a 5-week movement report is printed and within that period, the scale flag is changed on an item from Y to N then back to Y. If the current record indicates that this is a Y, then any movement for the item while the status was N will not be reported. However, if the current flag is changed to N, then movement for the item while the status with N will be reported and the movement for the item while the status is Y will not be reported.

An error will display on an ISS45 V7 system and item maintenance will close if an item is attached to more than four promotions. Until this is resolved, items should be unlinked from expired promotions before linking to new promotions.

When an item is set for an amount off per item discount on V7, an Order/Level promotion is created. If multiple items are linked to this promotion, the customer will receive the discount for the items, but when movement and sales are pulled back to RBO, the discount amount for the entire promotion is applied to the last item scanned. This is true whether the promotion is linked within the ISS45 promotion screens or from within RBO.

When the ISS45 V7 Parameter under PLU and Item Parameters – 7. PLU follow department flags as a default – is checked, department governed flags from RBO will not apply to the POS. The recommended setting for this flag is un-checked so that all flags from RBO will transfer to the POS.

Since FM Flexible Data Collect is a data collection program only, there is no facility for checking the validity of the data provided. If the data fails to import into Inventory Management, the only indication that something is wrong will be missing data and information in the logs.

ScanMaster Open Issues

The Adjective Code table is defined and maintained on the ScanMaster server. While RBO may set an item to use an Adjective Code, the Regular Sales value is calculated against the unit price of the item when the movement is pulled. The item will show a “loss” if an item has an Adjective Code as below:

Level	Price at level
1	1/1.00
2	6/1.75
3	12/3.25
4	24/4.75

If a cashier rings up a single item, the price is \$1.00. If they ring up 24 items, the price is \$4.75, however since RBO does not maintain the Adjective Code table, the price will show a “loss” of \$19.25. The actual movement and sales will be correct, but the calculated Ad/Loss value will be wrong.

The ScanMaster feature to provide Like Item pricing is not supported in RBO. RBO implements this functionality using a general Item Group Code pricing feature.

ACS-IR Open Issues

RBO is expected to replace performing maintenance in the ACS-IR PLU Maintenance screens. When maintenance is transferred to ACS-IR from RBO, all supported fields are sent to keep them in sync. The Sale Start/End dates are supported and therefore sent, even if they have not been populated in RBO. The date sent for both fields is 1-1-1900. This does not present a problem ringing the items up at the register but if a user launches PLU Maintenance on the ACS-IR system and attempts to save a record that has been updated by RBO, they will receive a warning that the Sale Start/End dates are prior to the current date.

The possibility exists that some 10-digit UPC numbers with two leading zeros may not be maintainable through RBO to ACS at this time. Until this issue is resolved, when these items are discovered, you will need to create lookup numbers for these items to maintain them through RBO. In a 40000 - 60000 item file, this may affect about 3 items.

The following back office fields are **NOT** supported through the RBO to ACS-IR interface, though most of the fields do exist in RBO:

Form 3 tab:

Case Cost	Measure #	Item Reorder No
Case Pack	Package Size	Location
Gross Margin	Retail Pack	No. of Labels
Suggested Base Price	Aisle #	Long Description
Category/Sub	Shelf #	Label Format

ACS-IR Apply Process

The apply process for ACS-IR is batching process that takes advantage of the NCR SIL processor and batching mechanisms. After maintenance is created and staged, the release process uses a four-step process to apply the maintenance to the POS and RBO.

Step 1 – Preparing the items

The first step is to prepare the staged items. This process collects all POS fields and generates a SIL file for the items to be released. Once the SIL file is created, it is transferred to the ACS-IR system to the C:\TCI folder.

Step 2 – Processing the items

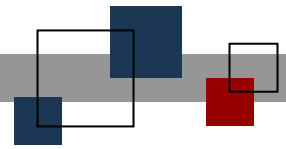
Processing takes place on the ACS-IR system and is a two-step process. To process the items, the DataPump process copies the SIL file from the C:\TCI folder to the C:\SIL\In folder and waits until the SIL process is complete. Next the DataPump executes the batch created when the SIL file was processed and waits until it is complete. RBO waits for the DataPump to indicate that the job is complete by creating the file PdpJobComplete.txt.

Step 3 – Processing errors

After the DataPump indicates that the job is complete, RBO collects error information from the appropriate error logs to determine if errors occurred while processing. These items are separated from the rest of the items during the apply process to keep the systems in sync.

Step 4 – Applying the changes

After the errors have been collected and written to the error log in RBO, the items for which no error was reported are applied to the RBO database tables and marked as applied. Those for whom errors were reported are not applied and listed in the errors section at the bottom-right pane of Release Manager.



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