



Retail Pro<sup>®</sup> 8 Series  
Version 8.52.400.382 URC Release  
Notes  
852Core021209

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## Introduction

This document contains information related to this Update Release Cycle (URC) of Retail Pro v8.52.400.382.

### Core Release Zip Files

To access the core files included in this release, extract to your \Retail\ folder the files contained in the following .zip files:

**852Core021209.zip**

### Getting Help

To get assistance with Retail Pro v8.52, press the <F1> key to view the Retail Pro Help files.

Documentation is available in PDF format at <http://documentation.retailpro.com>.

## 8.52.400.382 URC Issues Addressed

The following list outlines key issues that have been addressed with this release. This list is not intended to reflect all possible fixes done during the given period, but those that are deemed important for review and specific to this release.

Retail Pro BTF Series			Subtotal: 10
Issue ID	Title	Files to be Released	Solution
EFT - POS Resiliency			Subtotal: 1
16984	POS Resiliency re-auth fails -> receipts are logged as VOID	Rp3service.exe POSRES.exe RTI_RP3_CC.dll	<p>When POS Resiliency was sending offline receipts to the processor after coming back online, the transactions would be voided if the connection with the processor was lost during this process. POS Resiliency now moves offline receipts to the PosRes\errors folder, so they can be reprocessed by manually returning them to the Posres\process folder. The RP3 service now sends an additional parameter back to Retail Pro called "Communication state". This indicates whether the transaction was sent to the processor. A value of 0 or 1 indicates that the service couldn't send the transaction to the processor. A value of 2, 3, 4 or 5 means that the transaction was sent successfully.</p> <p>If the parameter is 0 or 1, Retail Pro knows that the processor didn't receive the transaction and the offline receipt is placed in the errors folder. Otherwise, Retail Pro assumes that the processor received it and the offline receipt is discarded.</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Users will need to update the Rp3Service.exe for their RBS gateway. If an older version of the service is running, the communication state will not be present and Retail Pro will always assume that the processor received the transaction successfully.</li> <li>This fix also works for other EFT solutions that can use Pos Resiliency, such as Shift4.</li> <li>RP3Service.exe may need to be stopped prior to applying this update.</li> </ol>

Retail Pro BTF Series			Subtotal: 10
Issue ID	Title	Files to be Released	Solution
<b>Receipts</b>			<b>Subtotal: 1</b>
16848	Can't edit the shipping cost on a receipt referencing a Web SO	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	A new button, 'Specified', has been added to the dialog boxes when applying SO fees and shipping upon entering the Tender area. If this option is selected for either SO fees or shipping, it will retain the amounts already specified on the receipt. Behavior has not been altered for the other choices or in the event that the entire SO is invoiced. If the entire SO is invoiced, the entire fee and shipping amounts are still applied.
<b>Reports - Merchandise</b>			<b>Subtotal: 1</b>
16962	When exporting a report to text or html, the last digit of the UPC is not exported	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl Pricemgr.exe Reports.exe RPTView.exe XZ.exe	A rounding issue in the print engine code has been corrected. This code is used to determine the width of columns for variable length fonts, and was responsible for truncating the last digit of the UPC code in certain situations.
<b>Sales Orders</b>			<b>Subtotal: 4</b>
17005	Edit button stops working in SOs in some circumstances	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	Web SO's have now been made editable. The situation where an uneditable Web SO could be selected for edit can no longer occur.
16998	Need a way to bypass the RESTRICT DOC QTY TO CURRENT QTY OH setting	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	Logic was added to properly enforce the permission "RESTRICT DOC QTY TO CURRENT OH" when selling negative quantity items on a return invoice.
16890	Another way to bypass the RESTRICT DOC QTY TO CURRENT QTY OH setting	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	Logic was added to properly enforce the permission "RESTRICT DOC QTY TO CURRENT OH" when selling items from a referenced SO. If any of the items selected from the SO do not have sufficient OH or Available quantity, none of the selected items will be added to the receipt.
16533	Unable to edit or delete Web SOs generated from a registry SO	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	<p>Child SO's can now be edited, even if the Master SO is still active. The user is presented with a warning "This SO is linked to SO#xxxxxxxxxx. Editing a linked SO will not update the Master SO, you will need to run Relink SO in DVS to correct Master SO. Continue?" This allows users to edit the SO and optionally run Relink SO afterward to correct any Qty changes that were made. Relink SO does properly update the Master SO with any changes.</p> <p>The restriction for deletion is still in place. Users cannot delete the Child SO without deleting the Master SO first.</p>

Retail Pro BTF Series			Subtotal: 10
Issue ID	Title	Files to be Released	Solution
<b>Tools - DVS</b>			<b>Subtotal: 3</b>
17007	DVS "Purge SOs" feature is deleting Linked SO's when Master registry is still active	DVS.exe	<p>A new setting has been added to the Purge SO module - "Do not delete linked SOs if master SO is found". This setting is only applicable to Active sales orders. It is unchecked by default to maintain legacy behavior for existing users. Once set, it will force DVS to exclude linked SOs from the list of candidates for purging if the referenced SO is still active.</p> <p>Note: Only after the referenced SO gets deleted (by Rpro8 or by DVS) will linked SOs be unlocked for purging. Therefore, linked SO's will not be purged in the same run as the referenced SO. They would be purged in next run, because the referenced SO will no longer exist.</p>
16983	Add customer system date to the DVS customer purge tool	DVS.exe	<p>System Date has been added as an available filter element in DVS&gt;Customer Purge, and as an available filter element/substitution value in DVS&gt;Customer Find/Replace.</p> <p>Note: To ensure that the System Date field is displayed on the Customer Purge results screen, the file Rpro\DVS\CustPurg.lay file must be deleted prior to using the updated version of DVS. The file is recreated automatically without user intervention.</p>
16892	DVS should update the modified date of documents that are retained during the duplicate document SID analysis	DVS.exe	<p>DVS&gt;Advanced&gt;Document SID Analysis will now update the Last Edit Date for all documents during following operations: Keep SID, Generate New SID, Cancel Document.</p> <p>The Last Edit Date is NOT updated if SID change mode is left as Undefined. This logic is used for both order and history documents, where applicable.</p>

## 8.52.377 URC Issues Addressed

The following list outlines key issues that have been addressed with this release. This list is not intended to reflect all possible fixes done during the given period, but those that are deemed important for review and specific to this release.

Issue #	Title	Files to be Released	Solution
<b>Retail Pro v8.52</b>			<b>Subtotal: 9</b>
16976	New Feature - Opticon Scanner: Model # OPL-9728	Neto.dll Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl	<p>Retail Pro 8 has been updated to support use of the Opticon Model # OPL-9728 scanner. To use the Opticon OPL-9728 scanner:</p> <ol style="list-style-type: none"> <li>1. Apply the core update.</li> <li>2. Register the .dll.</li> <li>3. Configure the scanner in Workstation Preferences.</li> <li>4. Configure the Scanner so that the Net0 protocol option is selected.</li> </ol> <p><b>Registering the .dll</b> The file Neto.dll is placed in the Retail\Rpro folder when the core update is applied. This file must be registered via Regsvr32.exe from the Windows Run prompt (example: "Regsvr32.exe c:\Retail\Rpro\Neto.dll").</p> <p><b>Configuring Workstation Preferences</b> Once the DLL is registered, the device must be configured in Options&gt;Workstation Preferences&gt;Peripherals&gt;Portable Barcode. Select Opticon from the Barcode Reader Type menu, and then select the appropriate Serial Port #.</p> <p><b>Baud Rate</b> There is no Baud Rate setting in WS Preferences, however the device defaults internally to 115200. The COM port speed (Bits Per Second) in Windows Device Manager should be set to match for optimal performance.</p> <p><b>Uploading Data</b> There are no means to upload data to the device or Smart Mode support. As a result, only the Barcode menu button will have any effect in relation to the Opticon.</p> <p><b>Configuring the Scanner</b> On the scanner, navigate to; System menu &gt; Communication &gt; Protocol &gt; Net0 protocol Select the Net0 protocol option.</p>

Issue #	Title	Files to be Released	Solution
16946	Attempt to access a closed file error when generating voucher from ASN	Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl RproBroker.exe RproBrokerSvc.exe	The process by which the DIA file is accessed when the voucher is generated has been corrected.
16931	Need to add EFT invoice # to Z-Out report with card details	XZ.exe XZOutRtiSchema.xml	A new field has been added to the XZ schema: Listings>Listings Values>ListingsValRefNum. This field is populated with the reference number for each credit, debit and gift transaction.
16927	Only one item is transferred to a receipt from a special order SO if the same jackpot item is listed multiple times	Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl	Retail Pro 8 has been updated so that when referencing a sales order from a receipt and selling due items, the Aux, Description 3 and Description 4 fields are now analyzed for item definition. Items are not consolidated when there are differing values in these fields.
16921	Receipt date on an active not changing when system date changes	Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl	Retail Pro 8 has been updated so that the receipt date and time will continue to advance on an active receipt past the time of 11:59:59. When the receipt is updated, the actual date and time will be properly recorded on the receipt. In the event that the date changes to a new month and the sales file for the new month does not exist, a new sales file will automatically be created.
16912	Negative qty on regular receipt for a returned item tax does not round correctly	Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl Reports.exe PriceMgr.exe rda2.dll Dvs.exe SLCC.exe	A low level library routine that rounds numbers to a specified number of decimal places would round some values differently than the negative of the same values. We now adjust the value very slightly (at the 10th decimal place) to ensure that the rounding will be done the same way for both positive and negative values.
16884	SONY *proc does not close when it encounters a WS### in use	Mprocout.exe Mprocin.exe Rprocout.exe Rprocin.exe	A new flag has been added to determine whether or not to halt processing when a workstation lock occurs. This flag is enabled by default. If the quiet flag (/q) is used, the flag is disabled, allowing the processing to continue.

Issue #	Title	Files to be Released	Solution
16774	Batch Printing ASN Vouchers only prints first selected Voucher	Rpro8.exe RPRO_API.bpl ms_ie_d5.bpl	The source of this problem was that the first voucher was being held in memory for each subsequent print job. Retail Pro 8 has been updated so that the correct voucher data is loaded before printing.
16742	Reopening 16466Procs REZ files are out of date	Mprocout.exe Mprocin.exe Rprocout.exe Rprocin.exe	Retail Pro 8 has been updated to correct a mismatch between the REZ and EXE files.
16916	RNET Tool allocates all items in marked For PO's to first store listed	HIS.DLL	RNET Tool allocates all items in marked For PO's to first store listed

## 8.52.400.373URC Issues Addressed

The following list outlines key issues that have been addressed with this release. This list is not intended to reflect all possible fixes done during the given period, but those that are deemed important for review and specific to this release.

Issue ID	Title	Files to be Released	Solution
<b>Retail Pro 8-Series</b>			<b>Total: 15</b>
<b>Auto Utilities</b>			<b>Subtotal: 1</b>
16819	"Division by zero" message locks the Auto Min/Max utility when canceling edits to min/max values in the style grid	Auto.exe	Retail Pro 8 has been updated so that style grid edits can be properly cancelled after Min/Max values have been entered.
<b>EFT - PC Charge</b>			<b>Subtotal: 1</b>
16831	Partial authorization between Nova, PC Charge, and Retail Pro 8	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl RTI_RP3_CC.dll RTIPCCrgCredit.dll RTIShift4Credit.dll RTICredit.dll	When a credit card is approved for a smaller amount than the requested tender amount, the new amount is now written to the tender screen.
<b>EFT - Shift4</b>			<b>Subtotal: 3</b>
16947	Using the overtender amount to purchase a card results in the purchase showing as a redemption	Rpro8.exe RPRO_API.dll ms_ie_d5.dll	When the Purchase button is clicked, the tender amount is now treated as a positive amount regardless of whether it is an overtender amount or undefined amount.

Issue ID	Title	Files to be Released	Solution
16862	Gift Cards can be redeemed using the Credit Card tender. The tender type remains Credit Card, and the card name is set to a default name used by the processor	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl RtiShift4Credit.dll	After an approval, Retail Pro now queries the .dll to see if a gift card was used. If a gift card was used, a Gift Card tender will be created instead of a Credit Card tender.
16834	Error: "Card Reload Transaction used on a card that has not been issued" when tendering by Purchase Cards for Shift4	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl RtiShift4Check.dll RtiShift4Credit.dll RtiShift4Debit.dll RtiShift4Gift.dll	<p>Retail Pro 8 has been updated to change how gift cards are handled when using Shift4 as the processor. Now, when a card is "deactivated" in Retail Pro, the card is not actually deactivated with Shift4. Instead, the card is devalued and left active. Because the cards are no longer deactivated, choosing "Do Nothing" for the "On Deactivation" workstation preference will have no effect on the card.</p> <p>Additional changes:</p> <p>1) The balance inquiry action from some gift card functions was removed. When purchasing a gift card, we now only request the activation. If the card is already active, an error is returned from Shift4. When redeeming a gift card, we now only send the redemption request. If the transaction is declined, the balance is returned with the decline response from Shift4. Retail Pro will then prompt the user if they wish to use the remaining card balance. After redemption, if the card has value remaining and that value is below the cash out limit, the user will be prompted if they wish to "cash out" the remaining value of the card.</p> <p>2) When adding value to a card, there are two buttons to choose from: "Return Funds" and "Add Additional Funds." Both options will add value to the card, but are tracked separately in \$\$\$ on the Net.</p>
<b>Inventory</b>			<b>Subtotal: 1</b>
16870	Inventory download is not correctly sending the item price under certain circumstances	Rpro8.exe RproPI.exe RPRO_API.bpl ms_ie_d5.bpl	When creating the download files to send to the Portable Terminal (PT), the system was first calculating the style qty. This requires the cursor to run through each item of the style. After that step is done, the cursor is no longer on the original item, but the price and quantity were read from the item after the style quantity was calculated. Now, the price and quantity are read before the style quantity is calculated so that there is no mismatch.

Issue ID	Title	Files to be Released	Solution
<b>Lot Numbers</b>			<b>Subtotal: 1</b>
16837	When you un-hold a Voucher that has Items with a Lot # & Expired Date listed, the Expired Date is wiped out	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	Enhancements have been put in place to allow preservation of lot information when documents are placed on hold.  Note: Lots must be created when the document is placed on hold in order to retain the information. If a lot is created in this way and the document is never updated, the lot will remain active until deleted manually.
<b>Purchase Orders</b>			<b>Subtotal: 2</b>
16734	When using Price-Based Stores and creating a PO, the Active Price Level is displayed, not the Price Level assigned to the Ship To Store	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl Auto.exe	A Price Level property was added to the PO data object. This property sets the price level when a user clicks Choose/Edit Items to access inventory. Purchase orders generated by Auto PO will also use the appropriate price level.
16677	Latest Reconstruct is doubling the POQTY.dat file	DVS.exe Reconst.exe	This error was occurring because of an issue involving Active/Archived records. Reconstruct was reading records from the POA file that included archived POs; however, when finding and deleting the corresponding records in POQTY.dat, it was looking for Active records only. Since the archived PO records in POQTY.dat have the Archive flag set, Reconstruct could not delete old records and kept re-adding records with every run. Now Reconstruct correctly finds the old records in POQTY.dat, deletes them, and then adds replacement records to the POQTY.dat file.  <b>Note: When reconstructing the PO files for the first time after a Purge, the size of the POQTY.DAT file will increase slightly. This is because Purge does not write the quantities for single store POs to the file (these are stored on the PO itself), and Reconstruct adds them. This increase in size will only occur on the first Reconstruct run after a purge.</b>
<b>Receipts</b>			<b>Subtotal: 1</b>
16900	Retail Pro can't perform a split tender on multiple credit cards on a receipt with a negative tender amount.	Rti_RP3_CC.dll RtiPCCChrgCredit.dll RtiCredit.dll RtiShift4Credit.dll	Return receipts can now perform a split tender to tender change to multiple credit cards. Attempts to cause an actual overtender are properly blocked. Split tender and overtender attempts are still working properly on sales receipts.

Issue ID	Title	Files to be Released	Solution
<b>Slips</b>			<b>Subtotal: 2</b>
16905	Unable to add a subsidiary that is greater than 137 for Intercompany Transfers	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl RDA2.dll DVS.exe SLCC.exe RproDB.exe Reconst.exe	Retail Pro 8 now properly handles intercompany transfers to subsidiary numbers up to 999. To accommodate subsidiary numbers up to 999, the record structure was changed. The subsidiary number can now be stored in one of two fields. The original field still stores subsidiaries 1 - 135 (backwards compatible) and the new field stores subsidiaries 136 - 999.  <b>Note: If using ECM with 8-Series, ECM must also be updated to accommodate these changes. ECM version 9.14.556.93 or later is required for this enhancement.</b>
14778	Transfers are grayed out on a single store merchant edition	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	Retail Pro 8 has been updated so that Merchant Edition users who are licensed for one inventory can access the Transfer module and create out slips for inter company transfers.
<b>Tools - Bridge</b>			<b>Subtotal: 1</b>
15622	Bridge Will Not Import SO Instruction Lines 2-5 with DEFAULT_SOImp map	~bridge.exe	Corrections have been made to the method of indexing the SO comment record during import to prevent this error from occurring.
<b>Tools - PT Scanner</b>			<b>Subtotal: 1</b>
16798	Retail Pro needs to read (upload) only up to 11 digit UPC codes when the Telxon 610 PI scanner is used	Rpro8.exe RproPI.exe RPRO_API.bpl ms_ie_d5.bpl	The system will now read 11 digits at most from the Telxon, and does not expect to receive a check digit (the check digit, however, must be present in the UPC field in Inventory for the item to resolve). This conforms to legacy functionality where the Telxon 610 is concerned.

## 8.52.400.355 URC Issues Addressed

The following list outlines key issues that have been addressed with the 8.52.400.355 release, issues on Sept 11, 2008. This list is not intended to reflect all possible fixes done during the given period, but those that are deemed important for review and specific to this release.

Retail Pro 8-Series			Total: 6
Issue ID	Title	Files to be Released	Solution
<b>EFT - General</b>			<b>Subtotal: 1</b>
16842	Reversing a receipt where a gift card was purchased using a credit card may lead to the merchant losing money	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	<p>When reversing transactions with multiple EFT tenders, the system must reverse each EFT tender, one at a time. If a failure occurs, the reversal is halted, possibly leaving outstanding transactions, which have already been successfully reversed. To prevent this, the order in which EFT transactions are reversed has been updated. This allows us to attempt reversal on the transactions most likely to fail first. The new order of reversal is:</p> <ol style="list-style-type: none"> <li>1. Transactions that added value to a gift card.</li> <li>2. Transactions that added value to a debit card.</li> <li>3. Transactions that added value to credit card.</li> <li>4. Transactions that took value from a gift card.</li> <li>5. Transactions that took value from a debit card.</li> <li>6. Transactions that took value from a credit card.</li> </ol> <p>This reduces the potential for unaccounted EFT transactions, but there is still a chance for this to occur. In this case, a new dialog will show the user the status of each EFT transaction (succeeded, failed, not attempted) after which the receipt is discarded. Any successful reversals would need to be adjusted accordingly, outside of Retail Pro.</p>
<b>EFT - Shift4</b>			<b>Subtotal: 2</b>
16881	Sales Order Deposit does not go to processor for Deletion of EFT Gift Card transaction	Rpro8.exe	<p>This problem occurred because when the delete button was pressed in the deposit tender screen, the credit card authorization field was being checked instead of the gift card authorization field to see if a reversal was needed. Because the credit card auth field is always blank for gift card tenders, the reversal would not occur. Now, the gift card authorization field is properly checked and the reversal occurs.</p>

Retail Pro 8-Series			Total: 6
Issue ID	Title	Files to be Released	Solution
<b>Inventory</b>			<b>Subtotal: 1</b>
16806	PT scanner download fails if the file isn't ready. There is no communication to the user when the file is actually ready	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl RproPI.exe	Retail Pro has been updated to display a progress bar (Processing...) that indicates the inventory files are being prepared. When the processing is finished, the status is changed to "Waiting for download..." and the download can be initiated from the PT unit.
<b>Receipts</b>			<b>Subtotal: 2</b>
16847	When creating a receipt from a Web SO, Retail Pro is sometimes displaying a prompt that asks the user how they want to apply shipping.	Rpro8.exe	This prompt was being generated due to a discrepancy in the document subtotal between the receipt and SO. Although, there was no visual difference in the subtotals, a rounding issue was causing a very small discrepancy between the documents. Receipt rounding has been corrected and no prompt is displayed.
16817	Restrict Doc Qty to Qty On Hand bypassed by end users	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	<p>Retail Pro has been updated so that when the receipt type is changed from Return to Sale, or when the Store number is changed, the quantities already added to the document are now subject to the same availability checking as when items are put on a sales receipt. If any doc quantities are above the allowed quantities, a prompt is displayed:</p> <p>"Some quantities are not available. In order to change the receipt type, these quantities will have to be adjusted. Continue?"</p> <p>Selecting Yes will bring the user to the choices of "Qty specified", "Qty O/H", "Qty Available" or "Cancel"</p>
<b>Vouchers</b>			<b>Subtotal: 1</b>
16813	Bridging in a return ASN voucher (with zero Price) creates a return voucher with zero price	Rpro8.exe ms_ie_d5.bpl RPRO_API.bpl	<p>When updating a return ASN (which creates a voucher), Retail Pro will now process price the same way it processes price when updating receiving ASN's. The resulting voucher will now "adopt" the inventory prices when generated from a return ASN with zero voucher prices.</p> <p>Note: If the System Preference "Allow Voucher to update inventory prices" is enabled, the voucher can/will update the items with a voucher price of zero.</p>