
Retek® Merchandising System™

9.0.16

Release Notes

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When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step by step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Overview

You may choose to apply only a portion of the enclosed patch, based on the Retek Merchandising System (RMS) functionality you are currently running. Retek strongly advises that you review each enclosed DEFECT document immediately in order to judge the impact of not applying a given fix. When Retek Customer Support investigates a potential software bug, they assume that you have applied all patches for a given module before the issue was discovered.

This Patch CD contains the 9.0.16 patch release. Before you apply the RMS 9.0.16 patch:

- Check that RMS 9.0 is installed.
- Check that the following patches have been applied:
 - RMS 9.0.1.0 patch
 - RMS 9.0.2.0 patch
 - RMS 9.0.3.0 patch
 - RMS 9.0.4 patch
 - RMS 9.0.5 patch
 - RMS 9.0.6 patch
 - RMS 9.0.7 patch
 - RMS 9.0.8 patch
 - RMS 9.0.9 patch
 - RMS 9.0.10 patch
 - RMS 9.0.11 patch
 - RMS 9.0.12 patch
 - RMS 9.0.13 patch
 - RMS 9.0.14 patch
 - RMS 9.0.15 patch

The 9.0.16 patch contains files that were modified since the previous patch release. Defect 361939 was part of the 9.0.15 patch and requires modification in the Batch Master Design for posdnld. However, the Operations Guide Addendum was not updated to show this change. Thus, 9.0.16 patch includes the addendum to reflect the said change.

For detailed information on what is included regarding software fixes in this patch release, refer to the 9.0.16 patch documentation located in the doc folder on this CD.

Before applying the patch source files over your code:

- Note whether customizations have been made to the module. If so, then the customizations must be reapplied to the new version of the module (or the fix may need to be applied to the custom version of the code).
- Copy the original files to a different directory before copying over them in case they need to be referred to at a later date.

DEFECT documentation (DEFECT MODULE XREF 90.xls)

A DEFECT fix is a modification to base Retek code (a bug fix, a performance enhancement, or a functional enhancement). Each DEFECT fix that is included in this patch has a corresponding DEFECT document in the \doc\defect_doc folder titled <DEFECT#> <module>.doc, such as “1557 nxprcno.doc”. There is also a document in that same folder entitled “DEFECT MODULE XREF 90.xls”, that lists every DEFECT # and the accompanying modules/scripts that are included in the patch.

In order to provide better customer service, we have decided to create a more comprehensive, user-friendly version of our DEFECT module cross-reference Excel document. This updated document includes a full list of all the previous patch DEFECT modules, plus new tabs showing DEFECTs related to the current patch, and current DEFECTs broken out by module types. We hope this will assist in installing and maintaining patch-related projects. We will follow this format for all upcoming patches.



Note: Enclosed is an updated version of the cross-reference document. Each DEFECT document should be reviewed fully before this patch is implemented. What follows is a list of the more significant fixes in the 9.0.15 patch.

Base RMS functionality enhancement

Default RMS rounding functionality dictates that when applying a price change in the clearance, promotion or price change forms, or during item setup, results in the price being rounded with two implied decimals (e.g. original price is 349, and with 10% off this is rounded to 314.10). Currently, RMS does not accommodate user defined rounding rules. Therefore, the default rounding functionality is used. However, with the increased use of foreign currency, there are several different rounding rules that may be used as an alternative. See examples for Norway, Sweden and Korea below.

Per defect 356130, changes within RMS and ReSA have been made to implement foreign currency rounding rules.

The sarrulhd.fmb and sarruldl.fmb forms were created for defect 356130 to allow the user to setup and maintain the rounding rules within RMS. These forms then save the information to the SA_ROUNDING_RULE_HEAD and SA_ROUNDING_RULE_DETAIL tables. For the current request (defect 365671), the forms involved in Item setup, price changes, promotions, and clearances will access this information through new functions created for defect 356130 (see “Conversation Flow” for more information).

Rounding Rules

- Ability to round valid price change “ending” amounts based on currency rules.
 - Allows for the fact that the amount in some cases rounds down to one or more fixed ending amounts, and in some cases rounds up or down to the nearest valid ending amount. Refer to the example table below.
 - Also, the ending amount can be before or after the decimal point for the currency.
- Depending on a currency’s lowest denomination, rounding rules will be defined. Specific examples would be as follows:

| Currency | Ending Amount (From) | Ending Amount (To) | Rounds |
|------------|----------------------|--------------------|--------|
| SEK/NOR | 0.01 | 0.24 | 0.00 |
| | 0.25 | 0.74 | 0.50 |
| | 0.75 | 1.00 | 1.00 |
| No Country | 0.0000 | 0.0049 | 0.00 |
| | 0.0050 | 0.0099 | 0.01 |
| | 0.1000 | 0.1049 | 0.10 |
| | 0.1050 | 0.1099 | 0.11 |

Rounding rules are defined by country / currency. In the rounding rule definition, if a country is not specified, then the rounding rule will be applicable to all stores having that currency except when there is another rule (e.g. rules2) defined for that same currency for a specific country. In this case, stores in that country will use rules2.

Modules involved for this enhancement are the following (sorted based on functional area):

- Clearance:
 - storeadd.pc, prcrules.pls, prcruleb.pls, calcadj.pls, calcrtl.pls and satrsqlb.pls
- Item Setup:
 - skuretl.fmb
- Price Change:
 - pcstbysk.fmb, insprice.pls and upprssusp.pls
- Pricing:
 - prmext.pc and promsku.fmb

- Promotions:
 - pcclsup.fmb
 - inclspdt.pls

Base RMS functionality fixes

This patch had a good amount of DEFECTs that are related to Audit Trail, Complex Deals, Contracts, Cost Change, Expenses, HTS, Invoice Matching, Item Maintenance, Mask, Merchandise Hierarchy, Miscellaneous, Organization Hierarchy, Point of Sales, Price Management, Promotion, Purchase Order, Receiving, Replenishment, Reports, Sales Audit, Sales History, Stock Count, Stock Ledger, Supplier, Transactions, Transfers, Transportation, and VAT. We strongly recommend that you become familiar with the documents related to all of the following issues for this patch.

Audit Trail

DEFECT 365127

User is not able to insert, update, or delete from table if table is setup for auditing and user's login username is more than 20 characters long.

Complex Deals

DEFECT 366740

In orddscnt, the value displayed in the Graduated Order Cost field is different from the value displayed in the Avg. Unit Cost Order field in ordsku.

Contracts

DEFECT 361548

When a SKU is added on a generated order belonging to a contract with a different currency than the currency for the supplier, RMS recalculates the unit cost, from the currency for the supplier to the currency on the contract. During this process, there is an invalid currency conversion, because while the cost source reflects Contract instead of Supplier, the currency value inserted into table ordsku is incorrect.

DEFECT 362836

The contract_detail.qty_ordered column is being updated incorrectly when canceling a quantity for an item in an order.

Cost Change

DEFECT 370009

After creating a new cost change with origin Cost/Retail by SKU/STYLE by a user of primary language, when a user for foreign language wants to edit it, following error message is appeared – “FRM41034 - Cannot set NAVIGABLE attribute of non-displayed item B_COST_SUSP_SUP_HEAD.COST_CHANGE_DESC”.

Expenses

DEFECT 364936

Manually entered order expenses are deleted from the ordsku_exp table when the origin country is changed in ordsku.

HTS

DEFECT 363186

In ordhts, the value displayed in the Estimated Purchase Unit Expense field of the TDTY<import country id> assessment component changes just by simply viewing it.

Invoice Matching

DEFECT 362279

The issue follows the process from invoice creation, quantity discrepancy, Credit note request generation and Credit Notes. Within the process documentation are the following problems:

- 1 No VAT code is populated on the CNR
- 2 The CN has no VAT code and VAT code cannot be edited.
- 3 After entering into CN in edit mode the total vat amount becoming zero.
- 4 When printing Credit note total vat amount is zero.

DEFECT 365634

The following Oracle form error occurs when the user clicks on the search button within the custom view of invitmch form (Invoice/Receipt Item-level match) – “FRM: 40105 Unable to resolve reference to item B_MULTISEARCH.CB_CASE”. Same error occurs several times for different item of the same block and at the end the following error appears: “System Error: Invalid Item type in RField.Turn_On Unknown Item.”

DEFECT 365859

When creating a new Credit Memo and selecting Invoice in Reference field, the VAT Code field and Mrch VAT Dtls button are disabled. So neither VAT code rate nor Merchandise VAT details can be entered. Only Total Mrch VAT Incl Dscnt is allowed to enter. But the value of Total Mrch VAT Incl Dscnt will be displayed zero after saving the Credit Memo, closing the form and retrieving the Credit Memo again.

DEFECT 366529

Invoice form does not handle of rounding amounts.

DEFECT 367432

The invoice form does not accept a negative rounding amount.

Item Maintenance

DEFECT 359750

User Defined Attributes (UDA) attached to a style are not being inherited by its fashion SKU's.

DEFECT 363679

The application freezes when the user tries to open two Retail by Zone windows for the same item.

DEFECT 365556

Checking for mandatory UDA is done during item creation. But in case the session gets killed during item creation, no more checking for mandatory UDA is done when retrieving the item in Edit mode.

DEFECT 369780

A PL/SQL numeric or value error is being returned in the form if the length of the size description is greater than 24 characters.

Mask

DEFECT 362181

The maximum length of B_review.alloc_no and B_review.tsfallloc_no does not match the length of ALLOC_NO and TSFALLOC_NO columns in MASK_APPLY_TEMP table, respectively.

Merchandise Hierarchy

DEFECT 368707

The program, dlyprg abends when trying to delete a subclass. When records exist in the deal_sku_temp table containing a subclass that is marked for deletion, the program abends with the following error:

```
dlyprg~20040608032929~del_subclass~SUBCLASS~2292~ORA-02292: integrity constraint (.) violated - child record found~@0PACKAGE_ERROR@1ORA-02292: integrity constraint (CSRMS90B.DLS_SCL_FK) violated - child record found@2DEL_SUBCLASS:DELETE in package DEL_SUBCLASS    DEPT,CLASS,SUBCLASS: 0002;0003;0004
```

Miscellaneous

DEFECT 366438

Local variable (L_wrap_seq_no) held in TIMELINE_SQL.NEXT_TMLN_NO is incorrectly defined as NUMBER(4).

Organization Hierarchy

DEFECT 361576

In PRICE_CHANGE_EXTRACT_EDIT procedure, an error occurs when inserting to POS_MODS.SKU_DESC if the data fetched into L_sku_desc variable from DESC_LOOK.DESC_UP is more than 40 characters.

Point of Sales

DEFECT 366196

When the retail price of the SKU which has an UPC attached to it is changed then there is no record with tran_type = 11 for the UPC in POS_MODS.

DEFECT 366863

Performance enhancement.

Price Management

DEFECT 366206

When pcdnld is run to extract price changes, only 'Active' item/location combinations are written to the POS_MODS table.

DEFECT 367521

The user can set up a price change for an item where the new unit retail is the same as the current unit retail.

DEFECT 363603

When pcdnld is run to extract price changes, records are inserted to the POS_MODS table for SKU/STORE combinations that are not active.

DEFECT 365671

Default RMS rounding functionality dictates that when applying a price change in the clearance, promotion or price change forms, or during item setup, results in the price being rounded to the number of decimal points according to the currency code. Currently, RMS does not accommodate user defined rounding rules. With the increased use of foreign currency, there are several different rounding rules that may be used as an alternative to round the unit retail.

DEFECT 367485

The scrollbar does not work. The multirecord block can display 12 items at one time, however, if there are more than 12 items in the block, moving the scrollbar should enable the user to view the remaining items.

DEFECT 369179

Pcdnld fails to update the status in the PRICE_SUSP_HEAD table of a price change for a fashion style if the new unit retail is equal to the current unit retail of its member fashion SKUs.

Promotion

DEFECT 359978

When a promotion for a SKU with UPC attached to it is extracted, only the record containing the SKU and UPC is inserted to the POS_MODS table. There should also be a record inserted to the POS_MODS table that contains the SKU only.

DEFECT 364736

When specifying a start date in the promevt form, the start date is a minimum of two days from today even though the pos_extract_days is set to 1.

DEFECT 360420

The way that threshld and promskul work when pressing the Item LOV button when the item type is Item List is not consistent with the functionality in mixmatch.

DEFECT 365078

Records are inserted into POS_MODS for Multi-Unit and Mix-and-Match promotion types even though the staple/fashion SKUs are not located at the store (in win_store or rag_skus_st).

DEFECT 365766

Prmext does not insert valid item/location combinations to the POS_MODS table for mix match promotions if it encounters one invalid combination.

DEFECT 366111

Prmext inserts item/location records to the POS_MODS table for mix match promotions even though the win_store records are in 'Delete' status.

DEFECT 365479

Multiple records are written into POS_MODS for a promotion with a SKU that contain multiple UPCs.

DEFECT 367473

The driving cursor, C_EXT, should be ordered by promotion and store.

Purchase Order**DEFECT 362835**

Ordmtxws.fmb modifies allocation quantities without warning the user when the total allocation exceeds the order quantity.

DEFECT 362924

In ordhead, the Pre/Post Distribution option is enabled even if the order is already closed.

DEFECT 358725

When using a mask in an order with more than 1 item, the item/location relationship is not being checked.

DEFECT 364828

The wrong Origin Country is displayed when adding to an existing purchase order that was created by replenishment and associated with a contract.

DEFECT 362998

Unique constraint error is encountered when using the same fashion pack template on two separate orders at the same time.

DEFECT 366806

The ordmtxws allows purchase orders to allocate beyond the ordered quantity.

Receiving**DEFECT 370540**

The unused function RECV_CARTON_SKU still exists in the packages RECEIVE_SQL and TRANSFER_IN_SQL.

Replenishment**DEFECT 367536**

It is no longer possible for the user to view/set replenishment attributes on warehouses. The user can only view/set replenishment attributes for stores. This prevents the users from reviewing and setting new parameters. This problem started occurring after patch 9.0.14 (defect 353891) was applied.

DEFECT 367729

Undocumented code changes are found in RMS Patch 9.0.9 version of prepost.pc.

DEFECT 366895

In replattr, when updating or deactivating an existing replenishment, the changes are not saved in the database.

DEFECT 368691

The error messages written in the error log does not specify the correct date value.

Reports

DEFECT 366443

The procedure P_PRINT_REPORT is building wrong string when L_label2, L_value2 are passed in with values.

Sales Audit

DEFECT 363464

Following oracle error occurs during sales audit import process.

saimptlogi_1~20040319113301~flushTranInsertArrays~sa_error~1400~ORA-01400: cannot insert NULL into ("CSRMS90A"."SA_ERROR"."STORE")~Cannot INSERT - row=0

DEFECT 363496

On running the saimptlogi for an invalid rtlog file records were inserted into SA_TRAN_NO_RANGE Table for the transactions that are not committed in SA_TRAN_HEAD Table. Due to this when we run the saimptlogi again after correcting the transaction in the rtlog file the corrected transactions were not getting inserted in the SA_TRAN_HEAD rather it was showing errors as "Duplicate Transaction." Hence, these records were missing in SA_TRAN_HEAD Table.

DEFECT 363493

Transaction sign in TDETL record is not populating correctly for back-out transactions.

DEFECT 363784

Saexprdw creates duplicated TDETL records in the RDWT file.

DEFECT 363830

The tender sign in the RDWF export file is not populated correctly to show that a correction has been made.

DEFECT 365858

Saexprdw.pc program always writes Positive sign (P) for void sale/void return transactions in RDWT file.

Sales History

DEFECT 364767

When viewing sales per SKU/store of a fashion item with a very long name, the error 'PL/SQL: numeric or value error' is displayed.

DEFECT 368170

Weekly Stock On Hand (SOH) Update for WIN_STORE_HIST table is not working properly. Not all items with SOH/Sales are being updated within the table during the End Of Week (EOW) process.

Stock Count

DEFECT 366361

In Stock Count schedule form (stksched.fmb), an error message appears if the start date of a stock counts schedule is before vdate.

DEFECT 366816

When viewing the stock count schedule for a particular store in stksched, the schedules that belong to other stores are also displayed.

DEFECT 366554

Stkvar failed when trying to get pack information. The c_pack cursor contains a table outer-joined to more than one table.

DEFECT 366916

Problem 1:

The physical count quantity is set to -1 instead of 0 when records are inserted into stake_sku_loc.

Problem 2:

When exploding a stock count schedule for a store and an item list, SKUs with no location relationship are still included to the stock count. This will make the stkvar batch crash later on.

Problem 3:

When exploding a stock count schedule using a location list, only the first store and the first warehouse of the location list are processed.

Stock Ledger

DEFECT 361834

When saleoh.pc is restarted upon abort, not all records in the MONTH_DATA_BUDGET table are reprocessed.

DEFECT 365172

Salweek.pc fails with the following error:

salweek_1~20040329210658~post_insert~week_data~1480~ORA-01480: trailing null missing from STR bind value~Array insert to week_data.

DEFECT 369258

Saleoh terminated with the following error message: "No available threads for processing."

DEFECT 368690

Salmth tried to get bugeted shrink rate for half even if bud_shrink_ind is 'N'.

Supplier

DEFECT 366068

When deleting a non-primary supplier that has an associated UOM in skusupp, the error message 'FRM: 40510-ORACLE error: unable to DELETE record.' is displayed.

Transactions

DEFECT 363975

When correcting a UPC NOT FOUND ERROR with a discount the discount is removed without the form being updated.

Transfers

DEFECT 364834

When closing a transfer involving more than 1 item, a record in the tran_data table is created with an incorrect total cost for 1 of the items.

DEFECT 365850

Problem 1:

Financial error when writing to stock ledger and updating the Weighted Average Cost when there is either an under or over receipt of a transfer. The auto_close_tsf is set to 'N' in system options.

Problem 2:

When the user manually close a transfer that contains a pack item, the system display an error message.

DEFECT 368365

In mskapply, when the user clicks Distribute, an error is displayed stating, “FRM: 40735-WHEN-BUTTON-PRESSED trigger raised unhandled exception ORA-06502.”

DEFECT 367096

Tsfoupld updates the transfer status to ‘A’pproved even when it has shipped the Stock Allocation transfer.

Transportation**DEFECT 363266**

In ceordit, the Gross Wt., Net Wt., Carton Qty., Cubic and Manifest Qty. fields do not contain the values defaulted in the transportation for buyer pack items.

VAT**DEFECT 365407**

When a VAT Code for a VAT Region is associated to a department then it may lead to a sku within that department having 2 different vat codes applicable on the same date.