

# Retek® Merchandising System™

## 9.0.14

### 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 9.0.14 patch release. Before you apply the RMS 9.0.14 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

The 9.0.14 patch contains files that were modified since the previous patch release. For detailed information on what is included regarding software fixes in this patch release, refer to the 9.0.14 patch documentation located in the doc folder on this CD.

RMS 9.0.x is now supported on Oracle 8i and 9i. Retek 9 was developed, tested and released on Oracle 8i. As a result of Oracle ending Oracle 8i error correction support on Dec 31, 2003 and client interest in using 9i, support of Retek 9 products on Oracle RDBMS 9i (9.2) will begin with RMS 9.0.14. For additional information on the upgrade, see 'Announcing the support of Retek 9 on Oracle 9.2 in Q1 2004' under Product Related Announcements on ROCS (<http://www.retek.com/support>). DEFECT 358406 contains the code changes for the upgrade. Some important notes on the 9i upgrade include:

- Oracle Financial Applications version 10.7 database links from Oracle 9i to databases using Oracle 7 are NOT supported.

- Retek advises the application of RMS 9.014 prior to the Oracle 9i upgrade. You may encounter errors with batch recompilation if the 9i upgrade occurs prior to 9.0.14 patch application. If you've already done the 9i upgrade, it is important to compare your approach to Retek's (through the documents mentioned above) and make the necessary adjustments.

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 9.0.14 patch.

## Base RMS functionality fixes

This patch had a good amount of DEFECTs that are related to Allocation, Expenses, Financial Interface, Forecast Interface, HTS, Inventory Adjustment, Invoice Matching, Item HTS Maintenance, Item Maintenance, Merchandise Hierarchy, Miscellaneous, Price Management, Promotions, Purchase Orders, Receiving, Replenishment, Sales Audit, Security, Stock Count, Stock Ledger, Supplier, Ticket, Transfers and UDA. We strongly recommend that you become familiar with the documents related to all of the following issues for this patch.

## Allocation

### **DEFECT 342966**

The package WRAPPER\_SQL is being removed from RMS 9.0. Only clients running Allocation 10.0 against RMS 9.0 need to install this package. This package will now be delivered with Allocation 10.0 patches, not RMS 9.0 patches.

### **DEFECT 352311**

When creating a cross-dock allocation for a purchase order which has already been partially received, the Available Qty. field displays the quantity ordered and does not consider the received quantities.

### **DEFECT 353183**

When receiving the shipment for an order for two cross docked items, the inbound and outbound allocation quantity displayed in the warehouse and store detail are incorrect.

### **DEFECT 357589**

When editing an approved allocation created from a fully received purchase order, the error message 'FRM: 40106- No navigable items in destination block' is displayed.

## Expenses

### **DEFECT 352215**

Expenses are not defaulted correctly to the order when the lading port is being changed multiple times on the order.

## Financial Interface

### **DEFECT 342631**

In fiftrmu2107, the error messages of the terms and description fields are misleading.

### **DEFECT 352106**

The batch module FIFINVCU11I.PC only deletes the last invoice record from the staging tables FIF\_INVC\_HEADERS\_EXPORT and FIF\_INVC\_DETAILS\_EXPORT, even if more than one record is processed.

## Forecast Interface

### **DEFECT 350054**

The performance of the fdaydnld batch program is poor due to the large number of records in the TRAN\_DATA\_HISTORY table.

## HTS

### **DEFECT 349071**

In itemhts, it restricts the addition of HTS codes if the current system date does not fall within the effective date range of the HTS codes.

## Inventory Adjustment

### **DEFECT 352791**

The batch module INVAUPLD.PC aborts with the error 'invaupld\_1~<date>~process\_available~~1830~ORA-01830: date format picture ends before converting entire input string ORA-06512: at line <line\_no>~Record #<rec\_no>; Error in SQL block for INVADJ\_SQL.ADJ\_STOCK\_ON\_HAND and INVADJ\_SQL.ADJ\_TRAN\_DATA' when inserting the variable adj\_date into the database.

## Invoice Matching

### **DEFECT 352617**

The ReIM tables STAGE\_PURGED\_SHIPMENTS and STAGE\_PURGED\_SHIPSKUS and the triggers that populate them (rms\_table\_shp\_bdr\_10.trg, rms\_table\_shs\_bdr\_10.trg) need to be owned by RMS.

**Note:** If you already have RMS and ReIM installed and you run DBCs s352617a and s352617b, they will fail because the tables will already exist.

## Item HTS Maintenance

### **DEFECT 356429**

The form ITEMHTS.FMB is displaying the incorrect tariff treatment when displaying HTS details.

## Item Maintenance

### **DEFECT 347908**

In itsupcnt, when deleting an origin country record for a supplier that contains replenishment details, an incorrect error message 'One or more component items of this pack have the Item/Supplier/Country relationship. Cannot delete this record' is displayed even if the item is not part of a pack.

### **DEFECT 357479**

When a store associated to an item is marked for deletion, the Retek Note "The sku/store relationship will be deleted during the nightly batch run" is displayed even if the sku/store relationship is not deleted by the dlyprg batch program.

## Merchandise Hierarchy

### **DEFECT 349309**

When a new class is being created in the class form and the udaidlst form is navigated to, the new class is still saved in the CLASS table even if the class form has been cancelled.

### **DEFECT 351789**

In trandata, the error message 'ORA: 06502: PL/SQL: numeric or value error: character string buffer too small  
DYNAMIC\_HIER\_CODE\_SQL.GET\_CODE\_DESC-06502' is displayed when using languages where 1 character does not equal 1 byte.

## Miscellaneous

### **DEFECT 358406**

Receive the following warnings when the objects are compiled after the upgrade from Oracle 8.1.7 to 9.2 for RMS 9.0.x objects.

- 1 warning: implicitly declaring function to return int:  
(E\_IMPLICIT\_DECL\_FUNC\_RETURN\_INT)
- 2 warning: invalid white space character in directive  
(E\_WHITE\_SPACE\_IN\_DIRECTIVE)
- 3 warning: Function has no return statement:main  
(E\_FUNC\_HAS\_NO\_RETURN\_STMT).
- 4 warning : newline not last character in file(E\_NEWLINE\_NOT\_LAST)
- 5 warning : statement not reached (E\_STATEMENT\_NOT\_REACHED)
- 6 Undefined symbol : NULL\_TABLE\_OWNER
- 7 warning : E\_ASSIGNMENT\_TYPE\_MISMATCH
- 8 warning : prototype mismatch: 1 arg passed, 2 expected
- 9 Identifier redeclared
- 10 Internal compiler error: Wasted space, in auditsys.pc

## Price Management

### **DEFECT 353868**

In pcstore, it takes a great amount of time to process the locations for a price change using an item list that contains a large number of items.

## Promotions

### **DEFECT 353657**

When changing the status of the promotion from 'Submit in Progress' to 'Worksheet', the new status is only applied in promhead, and when adding a new item to the promotion, the error message 'Error ORA-06502: PL/SQL: numeric or value error: character string buffer too small returned by program unit LANGUAGE\_SQL.GET\_CODE\_DESC with error code %s3 is returned' is displayed in promsku.

### **DEFECT 357675**

When a promotion for a style is extracted, POS\_MODS.UPC is not populated.

### **DEFECT 359250**

Promotion Events Maintenance screen display Promotion Events ordered by the event\_desc field. Since the event field is also user-specified, it will be functionally useful to have the sorting be based on the event field instead.

## Purchase Orders

### **DEFECT 352490**

In ordmtxws, when creating an order for at least 2 items to 2 locations, where one location is cross-docked and the other is not, the error message 'Error ORA-06533: Subscript beyond count returned by program unit ORDER\_SETUP\_SQL.POP\_ITEMS with error code %s3' is displayed.

### **DEFECT 352637**

When processing a large volume of data, the ordupd.pc batch program fails.

### **DEFECT 353833**

The quantity being entered in the ordmtxws form is not being rounded to the supplier pack size.

### **DEFECT 355752**

When creating a quick order entry on an item that has multiple origin countries, the unit cost is always defaulted to the unit cost of the primary origin country and not of the origin country selected.

### **DEFECT 357014**

When creating a quick order entry on an item, the quantity ordered is not rounded based on the supplier pack size.

### **DEFECT 357151**

When the lading port of an order is changed, the expenses are not reapplied correctly. All system generated expenses are deleted and only manually entered expenses remained.

#### **DEFECT 357408**

When trying to add an order with duplicate item-location relationship in an existing order, an error message ‘Error ORA-00001: unique constraint (CSRMS90A.PK\_ordloc) violated returned by program unit ORDER\_SETUP\_SQL.POP\_ITEMS with error code %s3’, is displayed.

#### **DEFECT 357747**

Passing of a null zone group id is passed to function ITEM\_ATTRIB\_SQL.GET\_ZONE\_ID will return false.

#### **DEFECT 357827**

When a new payment method added to the ‘PAYM’ code type is associated to a supplier, the error “FRM:40212-Invalid value for field PAYMENT\_METHOD” is displayed when creating an order for this supplier.

#### **DEFECT 357985**

When editing an order created using quick order entry, the QC Required checkbox is unchecked even if the supplier has QC\_IND = ‘Y’.

#### **DEFECT 358653**

Integrity constraint error occurs when running c357827.sql.

## **Receiving**

#### **DEFECT 357591**

When an order is created from a contract, and is received for 2 ready dates to a warehouse, the qty\_received for the two records on the contract\_detail table are both updated with the same received quantities.

#### **DEFECT 358107**

The rcvupld program aborts when it encounters a locked order.

## **Replenishment**

#### **DEFECT 351673**

When the status of an item in a store is modified to Inactive, Deleted or Discontinued while running reqext, the batch program still creates a transfer for the item.

#### **DEFECT 352885**

When an order is attached with a contract, ORDHEAD.TERMS is populated with the value retrieved from SUPS.TERMS instead of the value from the CONTRACT\_HEADER.TERMS.

#### **DEFECT 354631**

In running reqext.pc, it takes a great amount of time to process a lot of data for replenishment.

**DEFECT 355409**

In running rplext.pc, it takes a great amount of time to process a lot of forecasting data when the replenishment method is either Time Supply or Dynamic.

**DEFECT 358022**

Reqext batch program populates REPL\_RESULTS.REVIEW\_CYCLE with an invalid value, 'E'. Valid values for this column are 0-14.

## Sales Audit

**DEFECT 350448**

The majority of the ReSA programs execute for a particular store. That is, they accept a store number as input upon execution. These batch programs are designed so that multiple copies or threads can execute simultaneously, each processing a different store, but the data model it interacts with is not. Most of the ReSA tables (and indexes) are 'keyed' by a number that is generated by an Oracle sequence number. As a result, when the programs are executed in parallel there is a database contention (database blocks). This performance issue is noticeable when running 2000+ stores through sales audit.

The SA\_SEQUENCE\_SQL package is over engineered for ReSA's needs. The GET\_SEQ function gets an exclusive lock via the DBMS\_LOCK package for each sequence request. This causes contention when multi-threading a batch program. The lock is used to guarantee a consecutive range of sequence numbers regardless of what the sequence increment is set to. The only ReSA program that actually uses this capability is sastdycr because it wants a range containing commit\_max\_ctr values. There is no reason why it cannot use a range defined by the sequence increment value.

**DEFECT 355853**

Users cannot approve sales audit rules when its previous sales total has been disabled.

**DEFECT 356130**

ReSA does not handle rounding due to the denominations in different markets. This rounding issue can best be explained by an example: The customer buys a set of items totaling 64,40 SEK. The smallest payable amount is 0,5 SEK. The customer therefore pays 64,50 SEK. ReSA does not accept that the Total Tendered does not match the Total Sales.

A transaction's total tenders is now validated if it has a valid ending amount. INVLD\_TENDER\_ENDING (Invalid Tender Ending) error is generated for this.

Refer to RQST48322-RQST48048 High Level Design Considerations.doc

**DEFECT 357367**

Sales Audit batch programs that use thesaoranum functionality is coredumping due to the database being upgrade from Oracle 8.1.7 (32 bit) to 9.0.2 (64 bit).

### **DEFECT 357906**

Rounding Rules definition for Low/High Ending Amount needs to be defined to have four (4) decimals. Only the Round Amount format mask will be based on the currency's retail decimal places. ReSA transactions can have at most 4 decimal places.

So given rules for ending amount 0 to 0.24 rounds to 0; 0.25 to 0.74 rounds to .50 and 0.75 to 1 rounds to 1. An amount of .02455 will not be covered by any of the above rules.

Saimptlog\_rounding.pc batch program does not work when the SaleTotal and TenderTotal ending amount is equal to the low\_ending\_amt in the sa\_rule\_detail table.

### **DEFECT 358021**

Saimptlog failed processing when the ending amount for sale\_total is not defined in the sa\_rounding\_rule\_detail table. Saimptlog also failed to round up the sale total if the currency code does not have decimal point.

## **Security**

### **DEFECT 353891**

When trying to associate an item to a supplier and select a base retail, users with limited access receives an error message, 'This location does not have an associated VAT region. VAT\_SQL.GET\_VAT\_RATE'. In addition, users with 'select only' privilege to a store can create/edit items and its replenishment attributes to that store.

### **DEFECT 357478**

The security at the product level is not efficient. A user with a limited privilege can add a department that is not declared in the privilege to a stock count request and to a promotion.

### **DEFECT 357592**

When trying to insert a record in the INV\_ADJ table with location that the user does not have update privilege, an error message, 'FRM: 40508-ORACLE error: unable to INSERT record', is displayed. This error message is not descriptive to the user.

## **Stock Count**

### **DEFECT 349282**

RMS does not create any stock count from the stock count schedules.

## **Stock Ledger**

### **DEFECT 358925**

The salweek batch program does not properly compile in the AIX platform.

## Supplier

### **DEFECT 358787**

When a new shipment method is added to the ‘SHPM’ code type and then it is associated to a new supplier, the error ‘FRM: 40508-ORACLE error: unable to INSERT record’ is displayed.

## Ticket

### **DEFECT 357320**

When running tcktdnld.pc for a pack item, the details of the pack item are not included in the output file.

## Transfers

### **DEFECT 354705**

Transfers are being generated for a cross docked PO even if the SYSTEM\_OPTIONS.RWS\_IND is set to ‘Y’.

## UDA

### **DEFECT 352208**

In the udaidlst, the error message ‘FRM-40508: Unable to insert record and ORA-00060: deadlock detected while waiting for resource’ is displayed when multiple users simultaneously add the same UDA to the database.