
Retek® Merchandising System™

10.2.1

Release Notes

Corporate Headquarters:

Retek Inc.
Retek on the Mall
950 Nicollet Mall
Minneapolis, MN 55403
USA
888.61.RETEK (toll free US)
Switchboard:
+1 612 587 5000
Fax:
+1 612 587 5100

European Headquarters:

Retek
110 Wigmore Street
London
W1U 3RW
United Kingdom
Switchboard:
+44 (0)20 7563 4600
Sales Enquiries:
+44 (0)20 7563 46 46
Fax:
+44 (0)20 7563 46 10

The software described in this documentation is furnished under a license agreement, is the confidential information of Retek Inc., and may be used only in accordance with the terms of the agreement.

No part of this documentation may be reproduced or transmitted in any form or by any means without the express written permission of Retek Inc., Retek on the Mall, 950 Nicollet Mall, Minneapolis, MN 55403, and the copyright notice may not be removed without the consent of Retek Inc. Information in this documentation is subject to change without notice.

Retek provides product documentation in a read-only-format to ensure content integrity. Retek Customer Support cannot support documentation that has been changed without Retek authorization.

Retek® Merchandising System™ is a trademark of Retek Inc. Retek and the Retek logo are registered trademarks of Retek Inc.

This unpublished work is protected by confidentiality agreement, and by trade secret, copyright, and other laws. In the event of publication, the following notice shall apply:

©2004 Retek Inc. All rights reserved.

All other product names mentioned are trademarks or registered trademarks of their respective owners and should be treated as such.

Printed in the United States of America.

Customer Support

Customer Support hours

Customer Support is available 7x24x365 via email, phone, and Web access.

Depending on the Support option chosen by a particular client (Standard, Plus, or Premium), the times that certain services are delivered may be restricted. Severity 1 (Critical) issues are addressed on a 7x24 basis and receive continuous attention until resolved, for all clients on active maintenance. Retek customers on active maintenance agreements may contact a global Customer Support representative in accordance with contract terms in one of the following ways.

Contact Method	Contact Information
E-mail	support@retek.com
Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
Phone	+1 612 587 5800
Toll free alternatives are also available in various regions of the world:	
Australia	+1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus)
France	0800 90 91 66
United Kingdom	0800 917 2863
United States	+1 800 61 RETEK or 800 617 3835
Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403

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

Please review the enclosed DEFECT documents promptly to establish the impact on your business operations. Retek Customer Support investigates submitted issues with the assumption that all release patches have been applied. While it is ultimately at the client's discretion as to when to apply patches, delays or lags in their application can complicate the support process. To assist in the patch review, Retek Customer Support provides a system-level assessment by assigning a Priority. In addition, a cross-reference spreadsheet is provided to assist with this research (see 'DEFECT Documentation' below).

As listed below, this patch contains both general product fixes and functional enhancements and is considered the RMS 10.2 release. Refer to the 'Fixes' and 'Enhancements' sections of this document for more details.

10.1.8 Fixes – Item Maintenance, Replenishment, Stock Ledger, Promotion, Translation, Sales Audit, Price Management, Complex Deals, Clearance, Stock Count, Purchase Order, Obligation, Point of Sale, and other functional areas.

Enhancements – Batch with Online Users Phase II (Defect 365337), Replenishment Allocation (Defect 367940), and ReIM (Defect 369546).

Before installing RMS 10.2.1, confirm that RMS 10.1 and all following patches (RMS 10.1.1, RMS 10.1.2, RMS 10.1.3, RMS 10.1.4, RMS 10.1.5, RMS 10.1.6, and RMS 10.2) have been applied.

The 10.2.1 patch release contains batch, package, forms program modifications. Refer to the patch documentation (located in the doc folder on this CD) for detailed information on each fix.

As with all patches, the following points should be considered before applying RMS 10.2.1:

- Copy the original files to an archive directory before you overwrite them in case they are later needed for reference.
- Note that the cutoff date for RMS 10.2.1 was May 21, 2004. Fixes you've received after this date and applied to your environment may require special consideration when applying this patch.
- Note whether customizations have been made to the module. If so, the customizations will need to be reapplied to the new version of the module (or the fix may need to be applied to the custom version of the code).

DEFECT Documentation

A DEFECT fix is a modification to the base Retek code (e.g. a bug fix, performance enhancement, or functional enhancement). Each DEFECT fix included in this patch has a corresponding DEFECT document in the \doc\defect_doc folder titled <DEFECT#> <module>.doc (e.g. “123456 nxprcno.doc”). DEFECT documents should be fully reviewed before this patch is implemented.

To assist with the patch application process, there is also a DEFECT module cross-reference spreadsheet in the same folder (DEFECT MODULE XREF 1021.xls) which lists and allows sorting by DEFECT, Program Name, Revision # (RMS 10.2.x and RMS 10.1.x), Functional Area, Priority, and Defect Description. The spreadsheet includes a full list of all the previous patch DEFECT modules, plus tabs showing DEFECTs related to the current patch, and current DEFECTs broken out by module types.

RMS Fixes

As mentioned earlier, RMS 10.2.1 includes general RMS 10.1.8 product fixes. Refer to the ‘RMS 10.2.1 Patch’ tab in the DEFECT module cross-reference spreadsheet (DEFECT MODULE XREF 1021.xls) for DEFECT, module, functional area, priority, and description. This is a complete list of fixes included in the patch. Please read the provided documents for details (see ‘Defect Documentation’). Description of several noteworthy fixes follows.

Stock Ledger

Defect 363180 - Stock Ledger Maintenance form not calculating Gross Margin correctly.

Defect 363960 – Salweek.pc is incorrectly calculating columns for past weeks when there are transactions posted for them after week close.

Defect 365052 - Data for transaction records on future days is lost because saldly.pc only gives a warning but doesn’t process them.

Defect 365500 – Salweek.pc is incorrectly calculating columns for past weeks when there are transactions posted for them after week close.

Defect 366294 - Salmth.pc is inserting a wrong row into restart_bookmark table, thus it is missing certain records when it is restarted.

Defect 366331 - When running salweek.pc in the middle of a week, prepost salweek post should delete daily_data_temp even though the system_variables.last_eow_date is not advanced.

Defect 351039 - When there are no daily_data records for a given dept/class/subclass/store/wh the htd_gafs and interstocktake sales are not carried forward for the next month.

Defect 365886 - The month_data.cum_markon_pct column is incorrect for records that do not have daily_data records. The htd_gafs values are not rolled forward for some records.

Defect 366313 - In salweek, the cum_markon_pct is not calculated when there are no daily_data records for the dept/class/subclass/store/wh/currency_ind. Also, if a stocktake is setup for the current week (say week 2 of the month) and there are no daily_data records for the dept/class/subclass/store/wh/currency_ind then the previous week’s buckets (week 1) will be set back to 0 (what this week’s buckets should be).

Replenishment

Defect 361753 - Reqext.pc fails with an ORA-06503 error when many Store Orders are being processed.

Defect 362382 - When running reqext.pc with a high lead-time and the current date is toward the end of the month, the program fails with an error due to the date conversion not being done correctly.

Defect 363244 - The current order qty and prescaled qty fields for the cross-docked items showing incorrect values in the replenishment results list form.

Defect 363052 – Repladj.pc batch fails with an error message, when the internal function f_sale_rate() sets a negative value in the variable od_sale_rate.

Defect 364969 - Replenishment attributes are not updated the Group Type is set to Default Warehouse.

Defect 365028 - Memory leak in rplatupd.pc.

Defect 364710 - Rpletx.pc is aborting with non-description message, failing to identify the problem.

Defect 363744 - PO wasn't created for a Dynamic Item Replenishment for Supplier to Warehouse even though all the replenishment parameters and sup_inv_mgmt data are setting up properly: Order Control "Automatic", Due Order Processing "Y", Create Non-Due orders "Y" and the calculated ROQ is greater than 0.

Defect 365778 - Performance enhancement on rplext.pc

Defect 366174 - Performance enhancement on rplbld.pc.

Defect 363971 - When the rplprg.pc is run, packages that are using the REPL_RESULTS table are getting invalidated.

RMS Enhancements

As mentioned earlier, the RMS 10.2.1 patch release consists of two primary functional enhancements in addition to the general RMS 10.1.8 product fixes. These functional enhancement areas include:

- Batch with Online Users (Phase II)
- Replenishment Allocation
- ReIM Enhancement

Batch with Online Users (Phase II)

The RMS 10.2.1 release further enables retailers to run selected batch programs with online users. This functionality is critical for retailers that run in a 24x7 and/or global environment. Prior to RMS 10.2, record locking would result in the hang-up or failure of the batch programs for such clients.

Batch with Online Users functionality is provided in addition to the general product fixes included in the RMS 10.1.8 release. Batch programs were evaluated for inclusion in the 10.2.x functionality and a selected number were included in the 10.2 release, and the 10.2.1 release. The remaining selected programs will be included in a future 10.2.x release.

The selected 10.2.1 batch programs have been modified to account for record locking issues that arise from both online users and batch processes accessing the same tables and/or data at the same time. Now when a lock occurs a soft error message/ error table is written. This allows the batch program to proceed and to later re-process the locked records before continuing on with the batch schedule. In addition, a few programs were modified so that selected records are now deleted during the processing rather than being deleted in the post processing programs. This eliminates the need for certain post programs. This modification ensures records created and added by users online during the batch process will not be removed prior to being processed. This functionality does not address trickle polling / continuous batch processing, nor does it eliminate the need for a minimal-user batch window.

The Batch with On-line User appendix provides a functional overview of the Lock Checking approach. The batch programs impacted by this modification are details in the batch Designs (see the RMS 10.2.1 Operation Guide addendum). See the “Batch with Online Users – Lock Checks” file (rms-1021-Batch with online Users Lock Checks-Functional Design.pdf) for more details.

Replenishment Allocation Enhancement

The RMS 10.2.1 release has been modified to handle discrepancies between the ordered quantity in the source location (i.e. warehouse) and allocated quantity to the target locations (i.e. stores) in cross-docked replenishment orders which are generated during the batch cycle. The discrepancy happens when the ordered quantity is rounded to the supplier pack size and the allocated quantity is rounded to a different pack size based on the store order multiple. This can be computed by subtracting the ordered quantity of the source location from the total allocated quantity of all the target locations. This discrepancy will cause the source location (warehouse) to have remaining quantity which would be required to be “put-away” at the warehouse. This is an issue for clients when their warehouse does not have the ability to store inventory.

RMS 10.2.1 has been modified to distribute the remaining “put away” quantity to the stores which are being allocated to. The distribution is based on a couple simple prioritization rules:

- First prioritize the stores by highest to lowest allocation quantity.
- If two or more stores are equal in allocation quantity, order the stores based on their store number.

See the “Replenishment Allocation” file (rms-1021-Replenishment Allocation Enhancement-Functional Design.pdf) for more details.

ReIM Enhancement

Currently there is no concept of End of Month (EOM) terms in RMS and ReIM. If EOM terms are used, regardless of when it is received, it is still due at the End of Month. For this defect ReIM 10.2.x was modified to accept EOM terms and RMS 10.2.x was modified to move the existing terms table to be 2 tables and a view. The ReIM fix was from Defect 366264.