

# Retek® Price Management™ 11.0.3.1

## Release Notes



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Internet (ROCS)	<a href="https://rocs.retek.com">rocs.retek.com</a> Retek's secure client Web site to update and view issues
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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

This RPM release is a re-packaging that reflects an update to this Release Notes document and the inclusion of the RPM Batch Schedule.

This document contains information on functional and technical enhancements that have been made to Retek Price Management (RPM) since the previous release. Issues that have been fixed since the previous release are also included in this document.

## Supporting Retek products

This version of RPM is compatible with the following Retek products:

- RMS 11.0.3 (including Retek Sales Audit)
- Retek Allocation 11.0.2
- RIB 11.1
- RSL 11.1
- RDW 11.0
- SIM (ISO) 11.0.0.1
- RETL 11.2.2
- Retek Navigator 11.0.1
- RSM 11.1.1

## Functional enhancements

- RPM is able to work with secondary area worksheets before the primary area worksheet has been approved in the worksheet dialog. The system provides a dynamic update of the worksheet changes from the primary area to the secondary area. This method acts like a ‘what if’ scenario since price changes are not actually created in the worksheet dialog until the user approves a worksheet. This new functionality (editable secondary areas and immediate update or secondary areas, which are based on primary area changes) is only available in the Worksheet status and Worksheet detail dialogs.
- Additionally, competitive pricing comparisons are now layered on top of the area differential pricing rules for the secondary areas. The area differential price acts as a guide, and the competitive retail is allowed to adjust the price from the differential proposal, which is based on given rules. The area differential dialog was modified to include the assignment of primary competitors and reference competitors to secondary areas.
- Two new columns, Division and Group, were added to the Worksheet Status screen. These new columns enable the user in the worksheet status to sort and filter, which allows the user to view totals against a particular level of the merchandise hierarchy.

- A new type of strategy, Maintain Margin, was added to RPM. This new strategy allows retailers to receive proposed retail changes, which are based on impending cost changes. The Maintain Margin strategy retrieves all cost changes that are related to a specified merchandise/zone hierarchy on a look-forward basis, and it generates proposed retail changes. The user has one of the following two options:

- Having the proposed retail based on the current margin
- Having the market basket code margin associated with the item

The user is also able to specify how to apply the increase or decrease in retail, which can either be as the percent change to the cost or as the exact monetary amount change to the cost. For example, if the cost increases by 10%, retail increases by 10%; or if the cost increases by \$1.00, retail increases by \$1.00.

Additional functionality was built in the worksheet to automatically approve the proposed retails. This functionality addresses Maintain Margin strategies at the end of a review period where no action was taken on the records.

- Functionality was added to RPM that allows users to attach two different types of market basket codes (competitive market and margin market) to an item/zone combination. The competitive market basket codes are used in conjunction with competitive strategies, and the margin market basket codes are used in conjunction with margin and maintain margin strategies.
- New optional functionality was also added to RPM that warns users if either of the following occurs:
  - They are creating a price change within a set number of days of the start of an approved promotion.
  - They are creating a promotion within a set number of days of the effective date of an already approved price change.
- This warning does not stop the user from creating the price change or promotion. In the price change dialog, there is new functionality that suggests an effective date for the price change if it violates a promotion constraint. The number of days is determined by the new promotion constraint variable, which is stored at the subclass/location level.
- A new column was also added to the Worksheet Status and Worksheet Detail screens. The new column holds the sales change amount. This value is the difference between the item's new retail and the basis retail on the effective date multiplied by the projected sales for a week.
- New columns were added to the Pricing Worksheet that provides the user with more information on events that may affect pricing decisions. These new columns provide users with more visibility to past and future cost changes and to past price changes.

## Technical enhancements

- The codes that the RPM tables use to represent location types were consolidated. The following list of tables represents the store location type as a 0 and the warehouse location type as a 1:
  - RPM\_LOCATION\_MOVE
  - RPM\_ZONE\_LOCATION
  - RPM\_FUTURE\_RETAIL
  - RPM\_WORKSHEET\_DATA
  - RPM\_WORKSHEET\_STATUS
  - RPM\_WORKSHEET\_WORKSPACE
- The former design caused problems when these tables were joined with other tables that contained data representing the zone location type (for example, store location type = 0, zone location type = 1, warehouse location type = 2). To solve the issue, the codes were consolidated across the entire application (0 = store, 1 = zone, and 2 = warehouse). In order to accomplish this new design, the data in the list of tables above was converted to comply with the new scheme. See the Installation Guide for information on which conversion scripts to run.

## Performance enhancements

The following list is of functional areas within RPM that were performance tested and tuned for this release.

- Merchandise Extract batch program
- Price Event Execution batch program
- Worksheet Status user interface (UI)
- Worksheet Detail UI
- Price Change dialog
- Promotions dialog
- Clearances dialog

## Assumptions

- RPM is dependant upon Retek Security Manager (RSM). RSM must be installed before installing RPM. See the RPM and the RSM Installation Guides for further information.
- The promotional markup % displayed at the header level in the promotions dialog is the markup % for all simple promotions for the items on this promotion. This markup % is calculated from the regular retails for the items at the start date of the promotion unless the promotion is being applied to the clearance retail, in which case the clearance retail is used as the base retail for the calculation.
- Minimal conversion and seed data scripts are required at the time of installation. This design is to ensure that this release fully functions with existing data. See the Installation Guide for details on these scripts.



**Note:** Any RMS data that is used in RPM should not be deleted from RMS.

- The table RPM\_MBC\_LOV\_VALUES has no associated user interface. Therefore, the values in this table must be inserted at the time of installation, and must be maintained by a database administrator (DBA). See the Installation Guide for more details on this table.
- RPM\_BATCH\_CONTROL is a DBA-maintained table. See the RPM Operations Guide for more information.



**Note:** RPM and RIBforRPM cannot be installed on the same WAS server.

## Database changes

DBC	Technical Description	Functional Requirement
0001_rpm_area_diff_comp	Add new table RPM_AREA_DIFF_COMP.	Area Differentials and Competitor Strategies
0002_rpm_area_diff_ref_comp	Add new table RPM_AREA_DIFF_REF_COMP.	Area Differentials and Competitor Strategies
0003_rpm_area_diff	Add column comp_store to RPM_AREA_DIFF.	Area Differentials and Competitor Strategies
0004_rpm_dept_aggregation	Add columns cost_chg_highlight_days, pend_cost_chg_highlight_days, pend_cost_chg_window_days, retail_chg_highlight_days to table RPM_DEPT_AGGREGATION.	Cost and Price Change Visibility
0005_rpm_system_options	Add column dynamic_area_diff_ind to RPM_SYSTEM_OPTIONS.	Area Differentials and Competitor Strategies



DBC	Technical Description	Functional Requirement
0006_rpm_worksheet_status	Add columns area_diff_prim_ind, area_diff_prim_ws_id, currency, division, div_name, group_name, group_no, price_change_currency, sales_change_amount , sales_cost_currency, sales_currency, sales_ex_vat_currency, to table RPM_WORKSHEET_WORKSPACE.	Maintain Margin Strategy and Auto Approve
0007_rpm_worksheet_data	Add columns maint_margin_cost, maint_margin_retail, maint_margin_zl_cost, maint_margin_zl_retail , past_cost_chg_date, past_price_chg_date, pend_cost_chg_cost, pend_cost_chg_date, pend_zl_cost_chg_cost to table RPM_WORKSHEET_WORKSPACE.	Sales Change Amount
0009_rpm_maint_margin_err	Add new table RPM_MAINT_MARGIN_ERR.	Maintain Margin Strategy and Auto Approve
0010_rpm_maint_margin_err_dtl	Add new table RPM_MAINT_MARGIN_ERR_DTL.	Maintain Margin Strategy and Auto Approve
0011_rpm_pricing_constraint	Add new table RPM_PRICING_CONSTRAINT.	Promotion Constraint
0012_rpm_area_diff_mbc	Add new table RPM_AREA_DIFF_MBC.	Market Basket Code Maintain Margin
0013_rpm_area_diff_comp	Add columns area_diff_mbc_id and mkt_basket_code to table RPM_AREA_DIFF_COMP.	Market Basket Code Maintain Margin
0014_rpm_worksheet_data	Add columns comp_mkt_basket_code and margin_mkt_basket_code to tables RPM_WORKSHEET_DATA and RPM_WORKSHEET_WORKSPACE.	Market Basket Code Maintain Margin
0016_rpm_strategy_maint_margin	Add table RPM_STRATEGY_MAINT_MARGIN.	Maintain Margin Strategy and Auto Approve
0017_rpm_maint_margin_err_dtl	Update column price_change_display_id on RPM_MAINT_MARGIN_ERR_DTL to be varchar2(15).	Maintain Margin Strategy and Auto Approve

DBC	Technical Description	Functional Requirement
0018_rpm_worksheet_status	Add column price_strategy_type to RPM_WORKSHEET_STATUS.	Area Differentials and Competitor Strategies
0019_rpm_area_diff_comp	Add column area_diff_mbc_id to RPM_AREA_DIFF_COMP.	Area Differentials and Competitor Strategies
0020_rpm_area_temp_item_loc	Create GLOBAL TEMPORARY TABLE RPM_AREA_TEMP_ITEM_LOC.	Area Differentials and Competitor Strategies
0021_rpm_worksheet_status	Add column maint_margin_ind to RPM_WORKSHEET_STATUS.	Maintain Margin Strategy and Auto Approve
0022_rpm_mbc_lov_value	Add column type to RPM_MBC_LOV_VALUES.	Market Basket Code
0023_rpm_clearance	Performance index on rpm_clearance.	Performance Fixes
0024_rpm_price_change	Performance indexes on 6 RPM tables.	Performance Fixes
0025_rpm_future_retail	Performance mods for rpm_future_retail -- add 3 columns, partition by dept, and new indexes.	Performance Fixes
0026_rpm_pricing_constraint	Rename the pricing_constraint_id column to pricing_constraint_id.	Promotion Constraint
0027_rpm_system_options_def	Add column maint_margin_method to RPM_SYSTEM_OPTIONS_DEF.	Maintain Margin Strategy and Auto Approve
0028_rpm_system_options_def	Rename column maint_margin_method to def_maint_margin_method on table RPM_SYSTEM_OPTIONS_DEF.	Maintain Margin Strategy and Auto Approve
0029_rpm_worksheet_data	Add columns maint_margin_retail_uom and maint_margin_zl_retail_uom to RPM_WORKSHEET_DATA.	Maintain Margin Strategy and Auto Approve
0030_rpm_worksheet_workspace	Add columns maint_margin_retail_uom and maint_margin_zl_retail_uom to RPM_WORKSHEET_WORKSPACE.	Maintain Margin Strategy and Auto Approve
0031_rpm_link_code_attribute	Creating Foreign Key on 'RPM_LINK_CODE_ATTRIBUTE' and Create Sequence 'RPM_LINK_CODE_ATTRIBUTE_SEQ'.	Updates to Link Code functionality to handle removal or item_zone_price
0032_rpm_mbc_attribute	Create Sequence 'RPM_MBC_ATTRIBUTE_SEQ'.	Market Basket Code

DBC	Technical Description	Functional Requirement
0033_rpm_worksheet_data	Added columns maint_margin_retail_std and maint_margin_zl_retail_std to rpm_worksheet_data/workspace.	Maintain Margin Strategy and Auto Approve
0034_rpm_worksheet_workspace	Added columns maint_margin_retail_std and maint_margin_zl_retail_std to rpm_worksheet_data/workspace.	Maintain Margin Strategy and Auto Approve
0035_rpm_mbc_lov_values	Column competitive_mbc should not be required on rpm_mbc_attribute.	Market Basket Code
0036_rpm_promo_comp_detail	Performance mods - index changes on RPM_PROMO_COMP, RPM_PRICE_CHANGE and RPM_CLEARANCE.	Performance Fixes
0037_rpm_clearance	Performance mods – index changes on RPM_PROMO_COMP, RPM_PRICE_CHANGE and RPM_CLEARANCE.	Performance Fixes
0038_rpm_price_change	Performance mods - index changes on RPM_PROMO_COMP, RPM_PRICE_CHANGE and RPM_CLEARANCE.	Performance Fixes
0039_rpm_temp_item_loc	Add new fields Dept, Class and Subclass, to RPM_TEMP_ITEM_LOC table.	Added Dept, Class Subclass fields
0040_rpm_worksheet_workspace	Performance index on rpm_worksheet_workspace.	Performance Fixes
0041_rpm_system_options_def	Change the datatype of RPM_SYSTEM_OPTIONS_DEF.DEF_MAINT_MARGIN_METHOD from a NUMBER(1) to a VARCHAR2(1).	Maintain Margin Strategy and Auto Approve
0042_rpm_worksheet_workspace	Performance - partition rpm_worksheet_workspace by dept. -- 32 hash partitions and 1 local index on worksheet_status_id.	Performance Fixes
0043_rpm_worksheet_data	Performance – partition rpm_worksheet_data by dept; 32 hash partitions and 1 local index on worksheet_status_id	Performance Fixes
0044_rpm_pricing_constraint	Add column STATE to RPM_PRICING_CONSTRAINT.	Promotion Constraint

DBC	Technical Description	Functional Requirement
0045_rpm_dept_aggregation	Performance; make rpm_dept_aggregation_i1 a unique index.	Performance Fixes
0046_rpm_system_options_def	Add column def_wksht_promo_const_ind to RPM_SYSTEM_OPTIONS_DEF.	Promotion Constraint
0047_rpm_item_loc	Drop view RPM_ITEM_LOC.	Remove RPM_ITEM_LOC view
0048_rpm_batch_control	Add column thread_luw_count to RPM_BATCH_CONTROL.	Performance Fixes
0049_rpm_worksheet_workspace	Add CONSTRAINT_BOOLEAN and IGNORE_CONSTRAINT_BOOLEAN to rpm_worksheet_data and rpm_worksheet_workspace.	Promotion Constraint
0050_rpm_worksheet_data	Add CONSTRAINT_BOOLEAN and IGNORE_CONSTRAINT_BOOLEAN to rpm_worksheet_data and rpm_worksheet_workspace.	Promotion Constraint
0051_rpm_worksheet_data	Remove column mkt_basket_code from RPM_WORKSHEET_DATA and RPM_WORKSHEET_WORKSPACE.	Performance Fixes
0052_rpm_worksheet_status	Remove column price_strategy_type from rpm_worksheet_status.	Performance Fixes
0053_rpm_worksheet_status	add column constraint_ind to RPM_WORKSHEET_STATUS.CONSTRAINT_IND.	Promotion Constraint
0054_rpm_system_options	Add column background_conflict_ind to RPM_SYSTEM_OPTIONS.	Table additions and changes to handle Asynchronous processing
0055_rpm_price-workspace_details	Add tables RPM_PRICE_WORKSPACE and RPM_PRICE_WORKSPACE_DETAIL.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances

DBC	Technical Description	Functional Requirement
0056_rpm_price_workspace_seq	Creating Sequence 'RPM_PRICE_WORKSPACE_SEQ' and Creating Sequence 'RPM_PRICE_WKSPC_DTL_ID_SEQ'.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances
0057_rpm_price_workspace_detail	Add new column detail_type to the RPM_PRICE_WORKSPACE_DETAIL table.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances
0058_rpm_price_workspace	Update PARENT_DISPLAY_ID to be Varchar2 and LOCATION_DESCRIPTION to be Varchar2(30) on RPM_PRICE_WORKSPACE table.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances
0059_rpm_column_length	Column expansion for internationalization.	Column Expansion for Internationalization
0059_rpm_promo_comp_simple	New performance index on RPM_PROMO_COMP_SIMPLE.	Performance Fixes
0060_rpm_promo_comp_threshold	New performance index on RPM_PROMO_COMP_THRESHOLD.	Performance Fixes
0061_rpm_conflict_check_request	New table RPM_CONFLICT_CHECK_REQUEST.	Table additions and changes to handle Asynchronous processing
0062_RPM_FUTURE_RETAIL	Performance -- local indexes on rpm_future_retail on clearance_id and price_change_id.	Performance Fixes
0063_rpm_conflict_check_result	Create new table RPM_CONFLICT_CHECK_RESULT and sequence RPM_CONFLICT_CHECK_RQST_SEQ	Table additions and changes to handle Asynchronous processing

DBC	Technical Description	Functional Requirement
0064_rpm_conflict_check_request_seq	Rename RPM_CONFLICT_CHECK_RQST_SEQ to RPM_CONFLICT_CHECK_REQUEST_SEQ	Table additions and changes to handle Asynchronous processing
0065_rpm_conflict_check_rqst_prpt	Create new table RPM_CONFLICT_CHECK_RQST_PRPT	Table additions and changes to handle Asynchronous processing
0066_rpm_future_retail	New performance indexes on RPM_FUTURE_RETAIL.	Performance Fixes
0067_rpm_conflict_check_req_grp_seq	Create new sequence RPM_CONFLICT_CHECK_REQ_GRP_SEQ.	Table additions and changes to handle Asynchronous processing
0067_rpm_conflict_check_req_grp_seq	Create new Sequence RPM_CONFLICT_CHECK_REQ_GRP_SEQ.	Table additions and changes to handle Asynchronous processing
0068_rpm_worksheet_data	Performance index on RPM_WORKSHEET_DATA (global index).	Performance Fixes
0069_rpm_column_lengths	Column expansion for internationalization.	Column Expansion for Internationalization
0070_rpm_worksheet_data	Add column parent_diff_4_type_desc to RPM_WORKSHEET_DATA.	Bug Fixes
0071_rpm_worksheet_workspace	Add column parent_diff_4_type_desc to RPM_WORKSHEET_WORKSPACE.	Bug Fixes
0072_rpm_system_options_def	Remove column def_lead_item_calc_type from RPM_SYSTEM_OPTIONS_DEF.	Bug Fixes
0073_rpm_sequences	Alter sequences "RPM_PRICE_WORKSPACE_SEQ" and "RPM_PRICE_WKSPC_DTL_ID_SEQ" to set the "maxvalue" parameter to 999999.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances
0074_rpm_promo	Performance fixes-- add index on RPM_PROMO.END_DATE.	Performance Fixes

DBC	Technical Description	Functional Requirement
0075_rpm_con_check_err	Create table RPM_CON_CHECK_ERR.	Table additions and changes to handle Asynchronous processing
0076_rpm_con_check_err_detail	Create table RPM_CON_CHECK_ERR_DETAIL.	Table additions and changes to handle Asynchronous processing
0077_rpm_con_check_err	Add column error_date to table RPM_CON_CHECK_ERR.	Table additions and changes to handle Asynchronous processing
0078_rpm_con_check_err	Update column ref_display_id to VARCHAR(15) NOT NULL and ref_secondary_display_id to VARCHAR(15) NOT NULL on table RPM_CON_CHECK_ERR.	Table additions and changes to handle Asynchronous processing
0079_rpm_con_check_err_detail	Update column ref_display_id to VARCHAR(15) NOT NULL and ref_secondary_display_id to VARCHAR(15) NOT NULL on table RPM_CON_CHECK_ERR.	Table additions and changes to handle Asynchronous processing
0080_rpm_rpice_change	Add column ignore_constraints to RPM_PRICE_CHANGE.	Promotion Constraint
0081_rpm_promo_comp_detail	Add column ignore_constraints to RPM_PROMO_COMP_DETAIL.	Promotion Constraint
0082_rpm_price_workspace	Add column ignore_constraints to RPM_PRICE_WORKSPACE.	Promotion Constraint
0083_rpm_item_dif	Update rpm_item_diff view definition to use = instead of <= in the first union.	Bug Fixes
0084_rpm_system_options	Add columns price_clr_bckgrnd_cnflct_ind, promo_bckgrnd_cnflct_ind, wrksht_bckgrnd_cnflct_ind to RPM_SYSTEM_OPTIONS.	Table additions and changes to handle Asynchronous processing
0085_rpm_system_options	Removed column background_conflict_ind from RPM_SYSTEM_OPTIONS.	Table additions and changes to handle Asynchronous processing

DBC	Technical Description	Functional Requirement
0086_rpm_price_workspace	Add column zone_display_id to RPM_PRICE_WORKSPACE.	Table additions and changes for Performance and Paging/Sorting/Filtering in Price Changes and Clearances

## Fixed issues from the 11.0.2 RPM release

### Internal fixed issues

Description of defect
The merchandise extract is currently unable to successfully process if there are any link codes items brought into the worksheet.
There is currently an issue with all character fields in RPM. Validation for character fields does not take into account that certain French characters actually take up the space of two characters on the database. Therefore, validation of these fields pass on the user interface (UI) side, but Oracle is unable to save them to the database because they may exceed the size specified for the field. For example, if there is a field on the UI/database that can hold ten characters, and the user types in a value ten characters long (including two French characters that actually take up the space of two characters on the database), the UI counts ten characters and the validation passes, but the database counts the value as twelve characters and is not able to insert the value on the database.
For promotion components with vendor funding, each time an item/location detail of the component is approved, the items and locations are added to the vendor funded deals associated with the promotion component. For each approval action, a new deal component is added to the associated vendor funded deals. These new deal components include the items and locations contained in the details that were approved. Depending on the information already contained in the deal, this design results in the same item/location combinations existing on multiple components of the same deal. If an item/location combination already existed on a deal as a detail of an existing deal component prior to that item/location combination's being approved on the promotion component, the item/location combination is added to that deal again as a part of a new deal component. If this scenario occurs, the item/location combination exists on multiple deal components of the same deal. When sales are processed for the item/location that exists on multiple components of a deal, this processing results in the recording of deal income multiple times for the same sale.
Currently, the markup and margin percent fields are using an incorrect formula for retails that include VAT. This issue causes the markup and margin percent fields to display a percent that incorrectly strips the VAT rate off.



## External fixed issues

ROCS	Description of service request
RQST00000065615 – DEFECT000377748	Fatal exception when create a vendor funded deal in RMS – type vendor funded markdown. Select component type and then add item/locations – items added at company level, locations added at chain level.
RQST00000066311 – DEFECT000378146	The System Defaults View screen fields are not editable. Looking at the screenshot, you can see that three fields are enabled and can be edited.
RQST00000067202 – DEFECT000393249	Select a department in the Zone Retail Definition List. It is impossible to select a department ID, writing the part of the ID or the part of the name department with the keypad, and it is impossible to go down or up with the scroll if there are approximately 4500-5000 departments in the list.
RQST00000066300 – DEFECT000392792	The user must select a zone or location before specify the Change Type and Change Amount.
RQST00000067038 – DEFECT000393172	When a promotion had been created, the calendar proposes an end date respecting the Price Change processing days, but not the constraint that end date (must be greater than action date). The promotion is not linked to an event. An end date prior to the start date is specified, clicking on Add Component, the following message appears: Error message - Start date : if linked with an event, the promotion date range must have a start date and end date and must be contained within the event range.
RQST00000066721 – DEFECT000393110	Fatal Exception saving code maintenance. The following error message appears when the code of the Code Maintenance is too long: "Code: This field has too many characters. Maximum: 10". A Fatal Exception occurs when there is a space in the code.
RQST00000066380 – DEFECT000393111	Create a Clearance, Inefficiency tabbing navigation. When a tab occurs, it does not allow the user to fill the next field. The user must click with the mouse in this next field.
RQST00000066733– DEFECT000393108	An error message occurs when applying: an item is not linked to the location. After click on Apply, an error message appears to indicate items which are not linked to the zone or the location where the clearance will take place. Clearances are made by entire dept/seasons, and the user cannot create a clearance for each association item/loc. The same fact occurs for promotion and price change.
RQST00000066303 – DEFECT000378148	On Create Price Change, Create Clearance or Create Promotions dialogs, the user must click twice on the Select button to select items and display them on the item selection window.
RQST00000067135 – DEFECT000393236	Price Change: There is an inconsistency between the action and the error message. No Change Type has been specified to a new price change. Clicking on Apply, the following error message appears: Change Amount: single Unit Retail or Multi-Unit Retail is required.

ROCS	Description of service request
RQST00000066718 – DEFECT000393025	Impossible to select Executed Price Change or Clearance. The user cannot select the status 'Executed' Price Changes via the Price Change Search window.
RQST00000068473 – DEFECT000394657	When you are on itemchildrendiff, and click on Retail by zone, the lines are not displayed in the correct order. The zone 1 should be displayed, then the zone 2, and so on. This issue appears when you open Retail by zone from item master and is confusing for users.
RQST00000068784 DEFECT000394444	There are data inconsistencies when applying a sort to the Maintain zone group screen. When applying a numeric sort on the zones within a zone group, the locations assigned to each zone do not display properly. For example, a user applied a numeric sort on the zone container. When choosing a zone and displaying locations, it displays the incorrect locations for the zone. The locations displayed are not in the highlighted zone. If the user does not sort the zones, the locations are displayed correctly.
RQST00000068054 DEFECT000394379	The values in the pricing worksheet for sales margin and sales margin percentage are not being calculated correctly. Based on documentation, sales margin amount is the following: "This field will hold the projected margin for a given period of time for items in the worksheet based on smoothed average sales and either basis or proposed retail less cost. The calculation will mirror the Sales Amount calculation, except that the Pricing Cost on the effective date will be subtracted from the basis or proposed retail before multiplying that value by the smoothed average sales amount."

## Known issues

### Internal known issues



**Note:** The Retek internal defect number in the table below is for reference purposes. Note that this number is **not** related to Retek Customer Support.

Retek internal defect number	Description of defect
10000	RPM supports the ability to define promotions at a level of the merchandise hierarchy (department, class or subclass) at the store or zone. This ability allows retailers to define common promotions, such as 20% off Cordless Power tools or 25% off Bath Towels. If the combination of items and locations in the hierarchy promotion exceeds 50,000 records, the application fails because it cannot process a promotion of this size. For example, if the promotion was defined at a department level for a given zone, but the item/location combinations exceeds 50,000, the user would need to set up separate promotion components at the class or subclass level where the 50,000 record value will not be exceeded. These components must be approved separately for the system to manage the volume. A business process should be put in place to manage the creation of hierarchy promotions to ensure that they do not exceed the 50,000 record threshold.
10001	<p>When the task engine is not cleanly stopped, it fails to successfully launch when restarted. The SYS_PROC is currently used to prevent multiple copies of the task engine from running against the same installation of RPM. Normally, the task engine cleans up entries on this table as part of its shutdown process. These entries are not cleaned up if the task engine is not cleanly terminated (for example, the process is sent a -9 termination/KILL signal). When the task engine is restarted, it reports that another task engine is already running.</p> <p>Workaround: Manually delete all rows from the SYS_PROC table before starting the task engine up after an abnormal termination.</p>

Retek internal defect number	Description of defect
10002	<p>There is a classloader problem with Java Web Start applications using Java 1.4.1. See the following link for a description of the bug:  <a href="http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4665132">http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4665132</a></p> <p>On rare occasions, this bug results in odd visual behavior in the RPM application. Retek has identified the following symptoms:</p> <ul style="list-style-type: none"> <li>• Clicking on a task in the task pad results in an empty Error dialog box.</li> <li>• Empty task pad.</li> <li>• Dialog boxes are only large enough to show the three window manipulation buttons (minimize, return to previous resize, and close).</li> <li>• All Dialog boxes display with no text.</li> </ul> <p>If such symptoms occur, close and re-launch the application. Sometimes the bug makes it impossible to close the application normally, so the user must force it to close by right-clicking the application's tab in the Windows task bar, and selecting 'close'.</p>
10003	<p>If there are any errors returned by RMS package calls, the user sees a message window that states, "Stale Object, Refresh and proceed." This message window appears because the actual message returned by RMS is overridden by a StaleObjectStateException, which gets thrown by Hibernate because the data is out of sync. The message returned by Hibernate is misleading because it informs users that they can resubmit their request at a later time when there is actually a legitimate problem with the package call. The package error is written to a log file, but <b>only</b> if the log level is set to DEBUG. To change log levels, the file log4j.xml must be edited. This file is found in a jar file at the following link:  &lt;WEBSPPHERE_HOME&gt;/AppServer/installedApps/&lt;INSTANCE NAME&gt;/rpm11.ear/platform-server.jar.</p> <p>The log4j.xml file must be extracted from platform-server.jar. It must then be modified and re-jarred into platform-server.jar. When the application is restarted through the Websphere admin console, the log levels change.</p>

## External known issues

ROCS/Defect numbers	Description of service request
RQST00000069653 DEFECT000395054	Posupld is supposed to handle 0 unit_cost. The error is returned by merch_retail_api_sql.non_range_item_retail(), which validates if the I_unit_cost is = 0; and raises error if it is. However, it is inconsistent with how the I_unit_cost is later on used in calculate_non_ranged_retail which seems to allow the I_unit_cost to be 0 and accordingly sets the O_selling_retail to 0. The validation that restricts I_unit_cost = 0 should be removed from merch_retail_api_sql.non_range_item_retail.
RQST00000068614	Inconsistency of the cost and margin displayed in the apply bloc of a price change for a new item not linked yet with locations.  An item is created and retails are defined by zones. After the item is approved in RMS, the user wants to modify the retail for one of its zones. Data displayed regarding the cost and margin is inconsistent.
RQST00000069923 DEFECT000395221	Transaction rollback errors occur when the system performs asynchronous processing. For example, the issue arises when the user approves a price change, and the asynch flag in system options is set to true.