

Corporate Services Release Report

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Release Date: 9/28/2009

PR 10693 Tax Records Not Deleted When Deleting Invoices

APP:RTMS

Client Reports:

Client reported extra gl codes were being reported on the Sales By GL report. The report was run for one invoice. Two gl codes were being reported that were not on any line or tax code for that invoice.

Investigation Results:

Previous invoices were created and deleted from RTMS. When these invoices were deleted, the records in the tax tables were not deleted. The ucounters were re-used on another invoice. The sales by gl report was reporting those orphan records because the ucounters matched the new invoice.

Result of Report:

Code changes were made to delete the tax records when an invoice is deleted.

Release Date: 9/29/2009

RFM 10657 Add office field to RA

DB:CS_SQL_SCRIPTS

DLL:RETURNAUTHORIZATION

Client Request:

Add an office field to the Return Authorization Form to be populated at the time of RA entry.

Currently when a RA is created, it is done by the job number. The system displays a total count of items found on tickets for that job. The client would like the office number to come from the ticket headers for the job entered.

- If multiple offices are found for the job on ticket headers, leave the office number blank
- If all ticket headers for the job have the same office number set the field to that office code.
- If the office is not set, leave it blank. The user will edit the ticket headers to the appropriate office code. Once the tickets have been updated and the user returns to edit the RA, populate the office code appropriately.

Provide the ability to set and query the RA records by this office field.

- Provide a drop down list containing only offices the user is NOT restricted from
- Do not allow the field to be edited in any way through the RA

Modify the RA print range logic added on RFM 10512 to use this new office field in place of the office field on the job record.

Overview and Background:

Currently the only office code associated with an RA is the office code on the job for the RA. Since the client does not consistently use the office code on the job, this modification will provide a more consistent mechanism for identifying the office associated with the RA.

Proposed Modifications:

- 1.) Add a new field for office to the Return Authorization Maintenance form and database tables.
- 2.) When the job is entered on the Return Authorization Maintenance form, check all Rental Contract header for the job entered. If all tickets have the same office code, populate the new field with that office code. If multiple offices are specified on the Rental Contract headers, leave the office code blank.
- 3.) Each time the user edits an RA with a blank office code, execute the same logic as when the job was entered and update the office code if it is found to be consistent across all tickets for the job.

PR 10666 Inside Sales Person not populating on Hold and Release form

APP:TRAKQUIP

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PR 10666 **Inside Sales Person not populating on Hold and Release form**

Client Reports:

Currently the hold and release form populates the sales person field with the "outside sales person" from the ticket header. For this client, it should populate the "inside sales person" from the ticket header the same as the Manager Approval form does.

Investigation Results:

Investigation reveals that the form populated the sales person column from the sales person field and not from the inside sales person

Result of Report:

Modified code so that It uses the rental preference "Use outside Sales Person for Approval" to determine which field is shown. If unchecked, use the inside sales person (user_login). If checked, it uses sales person 1.

PR 10687 **Batch log produces duplicate elapse time on log**

APP:Batch

Client Reports:

When the batch process takes longer than 1 hour, the log duplicates the hours portion.

For example if the batch took 1 hour 30 min it looks like this

Selection routine completed: 9/23/2009 10:14:01 AM
Elapse Time: 1 hours 1 hours 30 Minutes 41 Seconds

Result of Report:

Code changes were made to correct the reporting of hours.

PR 10701 **Ticket header information is not being populated on printouts**

DLL:TICKET

Client Reports:

When printing a style X ticket, the header information is not being printed. The information omitted are items such as the company name and address, customer account information, delivery date, ordered by, etc.

Investigation Results:

Recent changes for RFM 10512 introduced an inappropriately set dynamic recordset in the logic that loads the ticket header data.

Result of Report:

The recordset was restored to a read only recordset and an alternate solution to 10512 was provided.

PR 10697 **Tax From Revenue Per Salesperson, Libra Export not Matching the Sales By GL Report Tax Amounts**

APP:RTMS

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PR 10697 Tax From Revenue Per Salesperson, Libra Export not Matching the Sales By GL Report Tax Amounts

Client Reports:

When comparing the tax amounts for invoices closed for a date range, the amounts reported by the Revenue Per Salesperson report and Libra export are different than the Sales By GL report tax amounts.

Investigation Results:

Both the Revenue Per Salesperson and Libra export need to be inspected for code that utilizes the new tax calculation methods. The Summary By GL code report should also be tested to ensure matching results.

Result of Report:

Code changes were made to the Revenue Per Salesperson and Libra export to utilize the new tax calculation methods.

RFM 10571 Add Ability to Change Asset Recovery Period to 8 Years in Mid-life

DB:CS_SQL_SCRIPTS

APP:FA

DLL:PROFL

Client Request:

Modify Fixed Assets Depreciation calculations to allow for items to change recovery period to 8 years in the middle of its recovery life. The accumulated depreciation from the beginning of life to June 30 2009 must be saved and the rest of the 8 years of life rebased on the remainder basis.

Proposed Modifications:

1. Add a new preference for this feature titled 'Allow Book Value Recovery Period Change'
2. Create a 'Re-Based Depreciation Life' field that will hold the new life (8 years).
3. Create a 'Re-Based Starting Date' field to determine as of what date the new recovery period should be based.
4. Modify the annual and monthly depreciation calculations to calculate book depreciation expense as normal for original recovery period, then look for re-based values and calculate based on that information if the calculation period is within the re-basis period.
5. Modify the Book Value Depreciation Schedule to accommodate for changes required for new data.

RFM 10418 Modify the default ticket/invoice print style preference

APP:TRAKQUIP

DLL:GFRMS

APP:RTMS

Client Request:

When printing a rental contract or invoice, provide the ability to select from a list of acceptable rental contract or invoice print styles.

Overview and Background:

Currently, the system can be configured to always print a single print style or to prompt the user to type in a print style.

Proposed Modifications:

Allow the user to enter a comma delimited list of print styles for the rental ticket and invoice style preferences. When printing a rental contract or an invoice, if there is more than one style listed in the corresponding preference, provide a selection list of the listed styles. Print the rental contract or invoice using the style selected by the user.

RFM 10419 Provide the ability to change alternate pricing on existing rental contract items

APP:TRAKQUIP

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RFM 10419 Provide the ability to change alternate pricing on existing rental contract items

Client Request:

Provide the ability to change the pricing on a rental ticket item by right clicking on a rate field (daily, weekly, or monthly) and selecting from the alternate pricing set up for that item.

Overview and Background:

Currently, when using alternate pricing, the user receives a prompt at the time the item is added to the ticket. There is no way to correct or change to another alternate pricing level after the item is already on the ticket.

Proposed Modifications:

1.) If the "Enable Alternate Pricing" preference is selected and the ticket is in a state that allows the user to manually edit the line item rate information, provide the ability to select a new alternate pricing level for the item by right clicking on the Daily, Weekly, or Monthly rate column in the spreadsheet.

2.) If a new pricing level is selected, apply all pricing information for the selected level to the selected rental contract line item. Provide a cancel button on the alternate pricing form when used in this mode to allow the user to cancel if they do not wish to change the alternate pricing.

Release Date: 10/2/2009

PR 10631 Error message when right clicking in item number to browse Inventory

APP:RTMS

Client Reports:

Client reported the following error after searching for a record in Inventory and then right clicking on the item number to open the "Browse Inventory Records" form:

System Message

While setting data control, the system reports error - 3021 Either BOF or EOF is True, or the current record has been deleted. Requested operation requires a current record.

OK

Investigation Results:

When all items in the inventory query results have a total inventory of zero, the filtering logic on the form produces an empty results set but the logic was still attempting to get a record count. Unchecking check boxes to filter out inventory with a total or available inventory of zero will produce a list of the items.

Result of Report:

Corrected inventory browse screen logic to avoid trying to get a record count when there are no records returned.

RFM 10053 Modify the update prices by category menu option

APP:RTMS

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Release Date: 10/2/2009

RFM 10053 Modify the update prices by category menu option

Client Request:

The Update prices by category menu option in inventory needs to allow for updating levels that do not exist (i.e. added levels).

Overview and Background:

Currently, if the user elects to change a pricing level using this feature, the system will correctly update the price levels if they already exist, but there is no way to add new price levels from this form.

Proposed Modifications:

1. Add a check box option to the "Update Prices by Category" form to add any pricing levels that do not already exist.
 2. When this check box is selected and the user has entered price levels that do not exist for any affected items, add the price level for that item.
-

PR 10705 Add new float field entity_doc_num to improve query performance on tax breakdown tables

DLL:CMNOBJ

DB:CS_SQL_SCRIPTS

DLL:LOGIN

Client Reports:

Performance on some reports using the new tax breakdown tables is poor

Investigation Results:

Performance could be improved by adding another field to record the entity type that matches the data type of invoices and tickets. Performance could also be improved by additional indexes. Legacy code will need to be added to populate these new fields. Code that populates the tables will need to be modified to include these new fields.

Result of Report:

Added field entity_doc_num to the tables to store the same data as entity_num, but in native format. Added additional indexes to support report queries.

PR 10681 Sales Report by GL produces timeout errors

DLL:REPORTS

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PR 10681 Sales Report by GL produces timeout errors

Client Reports:

Sales Report by GL produces timeout errors and record set errors

Investigation Results:

Query syntax is OK and will produce the correct result, but the code does not include a join filter for the tbl_tax_calc_items to include the entity_type = 'I' which causes the query to perform a table search rather than using the index tbl_tax_calc_items_IX made up of the field entity_type (ASC), entity_num (ASC), entity_line_num (ASC)

Additional query performance could be gained by joining to a sub query using the company table to reduce the IN () statement performance

Result of Report:

Modified Query to take advantage of Indexes
LEFT JOIN tbl_tax_brkdown_items AS b WITH (NOLOCK)
ON b.entity_type = 'I'
AND CAST(b.entity_num as float) = i.invno
AND CAST(b.entity_line_num as float) = i.invc_ucounter

PR 10708 Invalid use of null when transferring a ticket to a new location

APP:RTMS

Client Reports:

With the latest update, comment lines are no longer being carried across for ticket transfers. Also discovered that when there is no start date on a transferred line, an invalid use of null error occurs.

Investigation Results:

Investigation reveals that recent changes made for RFM 10368 inadvertently excluded all line items with a quantity of zero. This restriction should only apply to non-comment line items.

Result of this report:

Changes were made to properly include comment lines on ticket transfers.

PR 10669 Baseline to change primary key on poitem table

APP:UPDATE

DLL:WEBUP

DB:CS_SQL_SCRIPTS

DLL:LOGIN

Client Reports:

Modifications to the poitem data structure should be made such that the primary key will be the counter field with a unique index on the combination of the ponum and poitem fields.

Result of Report:

Modified data structure and baselines
Added code to drop existing constraints and indexes to allow baseline to update tables.

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PR 10668 RA functionality not working correctly when doing a rental return

APP:TRAKQUIP

DLL:RETURNAUTHORIZATION

Client Reports:

When doing a rental return using an open RA on a job/ticket, client reports that the system is not populating the quantity indicated on the RA.

Investigation Results:

If the item was on multiple tickets for the same job, and one of the tickets had the item description altered it would produce the issue that was reported.

Result of Report:

The code changes allow the different descriptions however there will be a separate line for each item where the item description does not match. See example below

| Item | Itype | Description | Total Qty | Previous Returns | Rental Return |
|--------|-------|-------------------------|-----------|------------------|---------------|
| 100020 | 5 | 6 FT TEMPORARY FENCE | 100 | 0 | 50 |
| 100020 | 5 | 6 FT TEMPORARY FENCE -@ | 150 | 0 | 15 |
| 101080 | 5 | 6 FT WINDSCREEN | 100 | 0 | 45 |
| 101080 | 5 | 6 FT WINDSCREEN - @ | 150 | 0 | 10 |

PR 10698 Visual Integrator is Not Populating LINE_ITEM_UNIT_PRICE for Rental Items

DB:CS_SQL_SCRIPTS

DLL:INVOICE

Client Reports:

When using the Visual Integrator export in RTMS to export invoices, the line detail in the resulting tbl_approved_inv_line table does not have the LINE_ITEM_UNIT_PRICE tag populated for R itype items. It is set to 0. The line items in question only have a minimum dollar amount and no additional days amount.

Investigation Results:

Investigation reveals that the "LINE_ITEM_UNIT_PRICE" is set as follows:

For rental items, the additional amount.
For sales items, the min charge.

The desired amount is the per unit amount.

Result of Report:

A new field was added to the tbl_approved_inv_line table to store the value of the by line total unextended by the quantity. The new field is "LINE_ITEM_BY_LINE_TOTAL_UNIT"

PR 10692 Out of memory error message when printing a Bid

APP:TRAKQUIP

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PR 10692 **Out of memory error message when printing a Bid**

Client Reports:

Client reports that they receive an 'Out of Memory' message when printing a Bid, but deleting a line from the bid or adding an additional line to the bid allows it to print. They are printing Bid style 1.

Investigation Results:

Local research found that what is happening is that we aren't incrementing the IRecordCount variable back one when we go to place the last item on the new page. As a result, the number of lines isn't being recalculated and we're never able to successfully print the last record.

Result of Report:

Code changes were made to correct the reported issue.

PR 10700 **Error when editing a job with change in ship to information**

APP:TRAKQUIP

Client Reports:

When editing a job, if the ship to information changes, an error is reported.

Investigation Results:

Field sgeocode was added to the job record. This field became part of the SQL Statement that is used to update tickets, but in the ticket header, we do not store this value. The geocode values are stored in separate tables for invoices and rental tickets.

The code that builds the Query that updates shipping information needs to exclude this field.

Result of Report:

Modified code in clsJobUpdates.doUpdateShipToInfo that builds update query to exclude the field sgeocode

PR 10685 **Reverse batch logic delivered via case 10438**

DLL:PROFL

APP:Batch

Client Reports:

After updating TrakQuip, the client reported a change in the way batch invoicing produces the last invoice date for a given contract.

Investigation Results:

Case 10438 changed the way batch invoicing determines a contract's last invoice date. Prior to case 10438, the last invoice date was pulled from the line detail rather than the header information. The new logic creates an issue in the client's current billing procedures.

Result of Report:

There is a new preference in the invoice tab "Pull Last Invoice from header in Batch" allowing the client to select how they want to determine the contract's last invoice date (line item or header).