

# Corporate Services Release Report

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**PR 2009071005      Force pick list on the custom fields does not carry to Invoice**

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APP:RTMS

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Client Reports:  
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When using the custom location fields for the ticket header, if you enable the "force picklist" preferences you can not type in the fields on the ticket header and job forms, however, the fields are editable on the invoice header form.

Investigation Results:  
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The picklists provided on the ticket header are not available on the invoice header.

Result of Report:  
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All seven location fields now have the location pick list enabled on the invoice header.

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**PR 2009091602      Purchase Cost not populating when using the Data Import**

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DLL:CMNOBJ

APP:DataImport

DLL:INTERFACES

DLL:INVENTORY

DLL:INVTY

DLL:TICKET

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## PR 2009091602 Purchase Cost not populating when using the Data Import

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### Client Reports:

Client reported that the purchase cost is not being populated on the bin summary table when they import purchase cost using the Data Import.

### Investigation Results:

The purchase cost is not being populated in tbl\_inv\_loc\_summary when using the Data Import function for existing items in the database.

Also found that the inventory import is allowing the user to import a new item number to inventory with no I Type and no Description. The I Type and description are required fields when adding inventory items

When updating an item in inventory using the data import the purchase cost is not associated to the bin location.

Updating an existing items quantity also causes a problem.

1. Include a quantity in the Inventory Import Data
2. Specify a bin that the item does not already exist in
3. Import the inventory information
4. The total Inventory on the inventory tab is replaced with the value imported
5. Right click on the Total Inventory field
6. The imported quantity is placed in the bin specified in the import with the correct "total inventory" on the detail and summary
7. The "total on hand" quantity is not the value from the import. This value was pulled from the bin location the inventory was in before the import.

### Result of Report:

The inventory import was modified as follows:

- 1.) When importing items with a bin location, total inventory, total on hand, total out, or cost, appropriate warnings are issued and the import will not set these fields on existing items. Only new items or items that currently have a total inventory of zero will be affected.
- 2.) Properties were added to allow import of meter 2 and meter 3 values and update meter readings in the same manner as other places in the program.
- 3.) Transaction processing was added to avoid partially adding or updating an inventory item.
- 4.) When setting an inventory total or total out on an item, the standard inventory movement functions are used to properly update the inventory data.
- 5.) Corrections were made to the logic that reduces meter readings and adjusts any Preventive Maintenance records accordingly.

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## RFM 10534 New Preference for Repair Purchase Orders

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APP:PO

DLL:PROFL

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## RFM 10534 New Preference for Repair Purchase Orders

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### Client Request:

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- 1.) Add a preference that when checked will prevent Purchase Orders flagged as "Repair PO" from updating inventory. This preference should also prevent the prompt to add an item to inventory when there is not an item number in the spreadsheet.
  - 2.) Have all Repair POs leave the item number populated in the spreadsheet rather than clear it out. If the item number is removed the repair information will not appear on the Rental History screen and the client needs this information on the Rental History screen.

### Overview and Background:

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- 1.) The repair PO flag was added via RFM 10044.
  - 2.) Currently, the system will clear the item number from a PO line added with a rental itype and a total quantity of 1 in inventory. This is done to avoid increasing the quantity of rental assets.

### Proposed Modifications:

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- 1.) Add a preference option that would have the receipt of items on a Repair PO update the Repair PO only and not affect any inventory values. This preference should also prevent the prompt to create an item in inventory when no item number is specified on the PO line. When this option is set, all items received on a Repair PO should be processed as if the option to "Update PO Only..." was selected on the form presented when receiving items not in inventory.

(NO CHARGE FOR THIS ITEM)

- 2.) When the preference to prevent Repair POs from updating inventory is set, do not clear the item number on rental assets added to a Repair PO.

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## PR 2009081901 Tax Code on the Cash Basis Sales Tax Responsibility displaying incorrectly

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APP:AR

### Client Reports:

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Run the Cash Basis Sales Tax Responsibility for a period with more than one Tax Code and the Tax Code is not displaying correctly in the Tax Code Sub Total row.

To replicate this, login to AR module and then complete the following steps.

- From Reports menu, hover mouse over "Tax Liability" menu item & click "Cash Basis Sales Tax Responsibility"
- Click "OK" on the message box.
- Enter report parameters and click OK to run the report.
- In the print preview notice the Tax Code column value in the Tax Code Sub Total row is not the value for the list of invoices calculated above. See attached screen shot for example.

### Investigation Results:

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The report was incorrectly grabbing the tax code for the next grouping for the sub total row.

### Result of Report:

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Changes were made to correctly use the tax code for the current grouping when printing the tax code sub total.

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## PR 2009060301 Substring Out of Range error when printing an Invoice with a Discount

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APP:RTMS

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**PR 2009060301      Substring Out of Range error when printing an Invoice with a Discount**

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Client Reports:

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When printing style DEF in RTMS, if the Invoice has a discount, the user should be prompted that a credit memo has been created and would you like to print the credit memo.

There were code changes made on case 2008060201 to modify how the tax and GL codes were populated on the credit memo and this was only implemented for invoice style 5. Now Invoice style DEF receives an error "Substring out of Range" when trying to print Invoices with a discount.

Investigation Results:

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Due to code changes made to support how the tax and GL codes were populated on the credit memo for invoice style 5, there was an attempt to access data that was not populated.

Result of Report:

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Changes were made to the logic to only attempt to access that data for invoice style 5.

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**RFM 10540      Provide the ability to void a rental ticket**

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DB:CS\_SQL\_SCRIPTS

APP:TRAKQUIP

DLL:PROFL

APP:RTMS

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**RFM 10540 Provide the ability to void a rental ticket**

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Client Request:

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Provide the ability to void a rental ticket in TrakQuip as follows:

- Keep the existing customer
- Keep all existing lines
- Set all lines to a zero dollar amount
- Provide an indicator on the header of the ticket that it has been canceled or voided
- Mark the ticket as no need for billing (closed)
- Un-post any posted items that have not already been returned to inventory

Overview and Background:

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This can currently be accomplished using the following procedure:

1. Un-post the ticket
  - This will return any items not previously returned to inventory
2. Flag the ticket as no charge and mark the reason as "VOID"
  - Removes dollar amounts
  - Creates the comment needed
3. Click 'Edit' on the ticket and then check 'Ticket Closed- No More Invoices' then click Save
  - Marks the ticket closed

Ticket is now closed and intact.

Proposed Modifications:

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Add a new menu option to void a rental ticket. This option should have the same logic as flagging a ticket "No Charge" with the following modifications:

- 1.) If the user selects to void a posted ticket, have the system automatically un-post the ticket before applying the void logic.
- 2.) When the system sets the line totals to zero, have it also set the usage days to zero and remove any usage days data.
- 3.) When the system creates the "No Charge" comment line to the voided ticket, replace the wording "No Charge -" with the wording "Ticket Voided -" followed the reason entered by the user.
- 4.) Have the system automatically mark the ticket as closed when voided.
- 5.) Add a new field to the ticket header to indicate whether the ticket has been voided. Set this field during the voiding process. When displaying a voided ticket on the ticket tab, display the status as "voided - closed" rather than just "closed."
- 6.) On the rental ticket search screen, when searching by status, provide the ability to search for voided tickets.
- 7.) Add a permission restriction to control access to this feature

NOTE: There will be no method for reversing a void on a ticket.

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**PR 2009102706 Timberline Interface may still reference old tax tables in AP Distributions Export**

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APP:Timb

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Client Reports:

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It appears that in some of the exports from Timberline that the N-Tier tax method is not considered in the export because it will not work if a new tax code is added to the N-Tier method only. Once the tax code is added to the old tax table, then it will work.

Investigation Results:

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At the time the Timberline interface was written, Timberline did not have the structure to support the N-Tier method. Found several queries and a function that need to be made sensitive to the N-Tier method.

Result of Report:

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Restructured code to be sensitive to N-Tier tax methods by use of TaxInfo object and use of tbl\_tax\_calc\_items to report tax information.

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**PR 2009102602      Service Items not calculating on the Expense and Revenue Report**

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DLL:BILLG

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Client Reports:  
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The Expense and Revenue Report is not calculating the Revenue earned on the "F" Itypes. They are being returned on the report with a revenue of 0.00 . The "F" IType is set to a "Service Item" in the custom billing logic. It appears we are only calculating the revenue from Service Items when we create an invoice.

Investigation Results:  
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Found that service type billing logic was applying an alternate invalid method of calculating the service charges when the system was not generating an actual invoice.

Result of Report:  
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Modified the service type billing logic to apply the correct service calculations in all circumstances.

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**PR 2009110202      Database update errors on poitem table**

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DLL:Classes

DLL:WEBUP

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Client Reports:  
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When applying the latest database updates, the following two errors are received:

While in dropping POItem Constraints the system reports error - -2147217900 [Microsoft][ODBC SQL Server Driver][SQL Server]The constraint 'IX\_poitem' is being referenced by table 'podist\_clearing', foreign key constraint 'FK\_podist\_clearing\_poitem'.

AND

Re-creating index on table 'poitem'

Incorrect syntax near 'go'.

Would you like to continue with the update?

Investigation Results:  
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The first error is related to code that is attempting to regenerate the indexes and keys on the poitem table. This code was introduced with PR 2009091601 but apparently began failing with the introduction of the podist\_clearing table on RFM 7900.

The second error appears to occur only because of the failure reported in the previous error, but it was found that the database update code is using a lowercase "go" as a delimiter when it is necessary to execute multiple SQL statements to change a field name on an existing index.

When parsing out the SQL commands later, the system is checking for a capital "GO" and failing.

Result of Report:  
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Modifications were made to the code from PR 2009091601 to properly handle regenerating the foreign key, FK\_podist\_clearing\_poitem and the indexes, IX\_poitem\_10 and IX\_poitem.

Modifications were made to the database update code to use the proper delimiter when changing a field on an existing index.

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**PR 2009102704      PO Column appearing as Customer Status column on ticket spreadsheet**

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APP:RTMS

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**PR 2009102704 PO Column appearing as Customer Status column on ticket spreadsheet**

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Client Reports:  
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Client Reports that their key-named logic to re-name the "Customer Status" column on the delivery ticket spreadsheet to "PO" is no longer working after the most recent update. This logic was originally added via RFM 6973.

Investigation Results:  
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Recent changes for RFM 10504 introduced this problem.

Result of Report:  
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With the recent change in RFM 10504 the column assignment was done with the variable instead of hard coding it. Old code was relocated to the proper module and was re-written to correctly populate the column labels.

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**PR 2009110501 Description on the Rental Contract spreadsheet is truncated**

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APP:TRAKQUIP

Client Reports:  
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The description on the rental contract is not allowing the client to enter more than 50 characters and is truncating any description from inventory that is over 50 characters. This is only affecting the entry of descriptions moving forward and viewing the description on the spreadsheet.

Investigation Results:  
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Changes were made to add a read only permission for the item description. The cell type was changed from static to readonly depending on the itype. When the cell type was changed to edit, the default edit length is 50 unless you override it.

Result of Report:  
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Changes were made to set the edit length to 255 after setting the cell type to edit.

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**PR 2009080603 Invoice and delivery ticket search using spreadsheet produces an error.**

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APP:RTMS

Client Reports:  
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The search invoice by spreadsheet function is throwing an error. The same error is presented when trying to perform a spreadsheet search on the delivery ticket.

Investigation Results:  
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Invoice - Performing a search using the spreadsheet produces an error stating: "While in SetDataFields in file SCONST, the system reports

error: - 9 Subscript out of range. The spreadsheet form appears, but does not list the respective fields.

Delivery Ticket - Produces the same error observed during the Invoice search, but does present the form with respective fields. Also entering

criteria in the form, produces desired result.

Investigation revealed this problem was introduced with RFM 9553. New columns were added to the spreadsheets and the column counts were not updated accordingly.

Result of Report:  
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Modified the code to use the correct column counts for the ticket and invoice items spreadsheets.