

# Retek® Invoice Matching™ 11.0.5

## Release Notes



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Contact Method	Contact Information
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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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Phone	+1 612 587 5800
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Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403
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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 document contains information about changes that have been made to Retek Invoice Matching (ReIM) since the previous release.

## Deploying the reim.war file

If you have made no customizations to the initial release and wish to accept all modifications that are included in this patch, you can save time and effort by extracting the reim.war file. The reim.war file contains all of the source code you need to run ReIM. You will still need to manually run scripts. Most application servers extract the .war file automatically. Please see your server's documentation for guidance on how to extract the .war file. You may have to modify your server's configuration files. After you extract reim.war, you will have to modify the ldap.properties and reim.properties files. You must then restart the server for your changes to take effect.

## DEFECT documentation (DEFECT MODULE XREF INVOICE MATCH 11.0.5.xls)

A DEFECT fix is a modification to the base Retek code (for example, 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 \docs folder titled <DEFECT#>.doc, such as "123456.doc". There is also a document in that same folder titled "DEFECT MODULE XREF INVOICE MATCH 11.0.5.xls", which lists every DEFECT # and the accompanying modules/scripts that are included in the patch. Each DEFECT document should be fully reviewed before this patch is implemented. Please note that scripts *do not* preserve data. Make sure that all data is backed up prior to running any script.

## Technical enhancement

### Size of batch updates

The defect related to this work is the following:

- **395196**

This new property in the reim.properties file establishes the size of the batch updates to the database. An array in this context is a collection of data. The value is in records.



**Note:** The EDI invoice upload batch process does not use this property.

## Functional enhancements

### Value added tax (VAT)

#### System options and security

The defects related to this work include:

- **395246:** Add new options for VAT matching.
- **395247:** Show default from receipt available qty on Invoice Maintenance Detail screen.

In order for the system to properly handle VAT validations and provide flexibility in ReIM VAT processing, several changes were made to the ReIM system options. Several new system options were added. Additionally, with the introduction of VAT processing and resolution, new security was added to control access to new VAT-related screens.

The IM\_SYSTEM\_OPTIONS values include the following:

- VAT processing
- Default header VAT from details
- VAT validation type
- VAT document creation level

These values are disabled in the system options screen to prevent changes that may result in data corruption. These values are set at installation by script and should not be modified in a production environment because changes may result in corrupt data. If changes are needed for these values, they should be made by a system administrator by updating the IM\_SYSTEM\_OPTIONS table. Any existing data will need to be updated before processing in ReIM continues.

A new option was added to the User Group Details screen that controls access to the new Invoice Matching VAT discrepancy screens. The new option is labeled 'VAT Discrepancy Maintenance' and is comprised of a drop-down list. Maintenance options in the list include: 'Edit', 'View', and 'None'. This option controls access and privileges to all new VAT Review and Resolution screens in ReIM and functions similarly to existing options for other screens.

## Online invoice creation

The defects related to this work include:

- **395251:** VAT validation will not be done for header level only invoices. This validation will occur during the matching process.
- **395257:** Show default from receipt available qty on Invoice Maintenance Detail screen.

The invoice to purchase order (PO) VAT validation was removed. The assumptions surrounding this validation were flawed and could prevent the creation of valid invoices. Other VAT validation ensures header-to-detail level consistency. Item VAT validation was added to check invoice item VAT against system item VAT. Changes were also made to determine applicable processing based on the new system indicator that controls general VAT processing for item VAT discrepancies. The Invoice Maintenance Detail screen was modified to show the available quantity instead of the received quantity in the Receipts frame. Finally, the available quantity is defaulted into the invoice quantity on the Item frame when the 'Default From Receipts' button is clicked.

## EDI invoice creation

The defect related to this work is the following:

- **395251:** VAT validation will not be performed for header-level only invoices. This validation will occur during the matching process.

The EDI upload batch program executes the intra-document VAT consistency validations but validation to PO VAT was removed. The item level invoice to system VAT validation was changed to determine appropriate processing based on the new system indicator that controls general VAT processing. A limited set of data validation errors (identified in the file layout 'Validation' column) causes the invalid transaction to be written to the reject file (named by the retailer). When VAT processing is active within ReIM, all failed validations result in EDI uploads' being rejected to a file. There are no reject-to-table cases, and the EDI Maintenance screens are not accessible to the retailer.

## Auto-match process

The defect related to this work is the following:

- **395250:** A new process was added to the auto-matching process and determines whether the VAT on header level only invoices are correct.

The processing consists of three levels: summary, detail, and header. Summary-level matching attempts to match all invoices to receipts at a summary level. Detail-level matching attempts to match all invoices (that do not match at a summary level) to receipts at a line item level. Header level matching attempts to validate VAT before continuing to attempt to match all invoices.

The auto-matching process determines whether the VAT values on header level-only invoices are correct. The system only processes invoices that do not have any unresolved VAT discrepancies. The invoice status determines whether an invoice can be processed by the Auto-match batch process (AutoMatchService.java). Only invoices in a status of 'Ready for Match' are processed. Those with a status of VAT discrepancy are not processed by the batch.

Invoices created without details are not able to have their VAT information validated at invoice creation. All header level-only invoices are created with a status of 'Ready for Match'. These invoices must have a VAT validation executed as part of the invoice matching process. This validation determines whether a header level-only invoice that has been matched to a receipt should continue in the matching and posting process or whether it should be marked as having a VAT discrepancy and removed from the matching process.

### VAT discrepancy resolution process

The defect related to this work is the following:

- **395249:** A new dialog allows the user to search for invoices with VAT discrepancy and resolve the discrepancies.

When VAT is turned on in ReIM and the VAT processing option is set to VAT resolution, and when invoices are created and VAT validation determines that a line of an invoice has a VAT discrepancy, it is marked as having a VAT discrepancy and routed to VAT discrepancy handling. Both the invoice line and invoice header status will be marked as have VAT discrepancy. A new menu option is available from the main Invoice Matching tab for 'VAT Review List'. Header-only invoices that are determined to have VAT discrepancies are displayed in the VAT Review List form, but must have details added before they can be resolved.

### Invoice summary matching

The defect related to this work is the following:

- **395256:** The ReIM Online (Summary Matching) dialogs have been modified to display item-level VAT validation information and to allow for discrepancy resolution processing.

The ReIM Online Summary Matching dialog was modified to display item-level VAT validation. This VAT information will be shown when the VAT validation type is 'system' or 'reconcile'. If VAT is outside of tolerance, an online match is not allowed.

### Credit note matching

The defect related to this work is the following:

- **395255:** The credit note matching dialog has been modified to allow for the reconciliation of any VAT discrepancies between credit notes and credit note requests.

The credit note matching dialog was modified to allow for the reconciliation of any VAT discrepancies between credit notes and credit note requests. Both the summary and detail matching screens were modified to display the VAT values for both credit notes and credit note requests and to indicate if any discrepancies exist. Similar to the manner in which VAT discrepancies are being managed for invoice-to-system comparisons, the options for resolving VAT discrepancies between credit notes and credit note requests are to either accept the value on the credit note, or to dispute the credit note value. Disputing the credit note value can be accomplished by either creating an off-setting credit note request for the whole credit note amount or by creating a credit note request containing only the discrepant items.



## Reason code maintenance

The defect related to this work is the following:

- **395254:** In order to support the resolution processes for Item VAT discrepancies, ReIM will need to allow for the creation of additional reason codes, and several changes will need to be made to the reason code dialog.

In order to support VAT resolution processing, several changes were made to the reason code dialog. First, two additional reason code types were added to the dialog to support invoice VAT discrepancies and VAT discrepancies between credit note requests and credit notes. Reason code types of 'VAT discrepancy' and 'Credit note VAT discrepancy' must exist for the creation of VAT discrepancy reason codes. Secondly, new actions were added for the two new reason code types.

## Performance enhancements

- **395959:** Document summary matching performance issues.
- **396366:** Performance enhancement for the posting batch program.
- **395642:** Performance enhancement for the Automatch batch program.
- **395888:** Quantity Review List Screen: Fixed query that gets the list and moved it up to the abstract class.
- **395643:** Invoice Summary Match Find: Fixed query and moved it up to the abstract class.

## Noteworthy defect fixes

Descriptions of several noteworthy fixes are listed below. Refer also to the DEFECT MODULE XREF INVOICE MATCH 11.0.5.xls. This spreadsheet contains a complete list of fixes included in the patch.

- **Defect 393562 (P1):** On the Parent Invoice Header screen, when a parent invoice is split into child invoices, the following error is displayed, "Could not post Trade Accounts Payable".
- **Defect 394729 (P2):** EDI Upload never writes records for the invoice details with VAT discrepancies to the IM\_ITEM\_VAT\_AUDIT table.
- **Defect 393856 (P2):** On Invoice Maintenance Header, the merchandise invoices that are in ready for match status should allow editing of total cost, non-merchandise costs, VAT costs and total quantity.
- **Defect 376666 (P2):** ReIMSsecureAction does not clear out all the objects from the http session upon logout.
- **Defect 395929 (P2):** When creating an invoice manually without entering the Invoice Qty in Invoice Maintenance Header, the invoice cannot be saved as an error occurs stating "Cannot save file".
- **Defect 396371 (P2):** The debit memo or a credit note request that is uploaded through EDI for RTV orders cannot be posted to financial staging table.
- **Defect 395318 (P2):** When the EDIINVCUPLOAD.PC batch process is complete, if the issue is due to invalid vendor, the issue cannot be corrected because it is not visible from the correction screens.

- **Defect 396236 (P2):** When an invoice is corrected for an invalid supplier in the EDI Rejected Invoice Details screen, an error occurs as follows, “Error processing replacing of EDI rejects.”
- **Defect 396781 (P2):** The VAT lines that are written to this table should display the actual value against the specific VAT rate in the AMOUNT field so that VAT can be posted accurately in the general ledger.
- **Defect 396507 (P2):** The Item LOVs on the Invoice Maintenance Detail screen and the Document Maintenance Detail screen do not bring up items with multiple effective VAT dates for the same region.
- **Defect 394889 (P2):** When an order has two invoices and one receipt, and the receipt is matched with one of the invoices on the screen, both the invoices are displayed in unmatched invoices frame upon returning to the Summary Match List screen.
- **Defect 396504 (P2):** Only posted credit notes should be available for matching though the Credit Note Summary matching screens.
- **Defect 395009 (P3):** The Merch Type field on the THEAD record of the EDI upload document may only specify ‘C’, ‘D’, or ‘E’ (or remain unspecified). However, RMS 10 still specifies this field as a consignment indicator of values ‘Y’ or ‘N’. Upon uploading a document with the field specified as ‘Y’ or ‘N’, the document is reject to file with an illegal merch type value.
- **Defect 396694 (P3):** EDI Upload should never reject to table when the VAT is turned ON in the system.
- **Defect 377921 (P3):** On Invoice Maintenance Header screen, when a special character is entered for the invoice number, a message that you can only enter alphanumeric character is displayed. However, an invoice can have special characters defined in reim.properties file.
- **Defect 394653 (P3):** User receives an error when running the batch program ReceiptWriteOff.
- **Defect 395996 (P3):** When the user views the details of unmatched invoices and receipts in Summary Match List screen, the following error occurs, ‘Page cannot be displayed’.
- **Defect 372849 (P3):** When a user enters an invalid value in an LOV, which requires a numeric value, an oracle error message gets written to the log file. The numeric validation should be performed before making the database query.
- **Defect 394840 (P3):** While performing a partial resolution of either cost or quantity through the Detail Match Screen, the previous resolution detail, which has already been performed, is getting deleted in the next attempt of resolution.
- **Defect 396324 (P3):** While correcting a rejected EDI document that has an invalid location type through the EDI Maintenance screen, the location type is not getting updated in IM\_EDI\_REJECT\_DOC\_HEAD table, which causes the correction to fail.
- **Defect 394896 (P3):** In Summary Match - Supplier List screen, the number of invoices and receipts count is incorrect when the “Include Suppliers in Group” option is selected in the Invoice Summary Match Find screen.
- **Defect 396452 (P3):** If the difference between a cost variance and a tolerance is greater than zero but less than the four places of precision that the system offers (such that proper scaling would render it zero), a match within tolerance still fails.

- **Defect 394756 (P4):** The main menu is getting displayed directly when trying to exit from the cost review list comments screen.
- **Defect 396693 (P4):** Currency LOV is disabled when an invalid currency code is entered.
- **Defect 395015 (P4):** Validation specific to uploaded debit memo documents was altered to include a range check of the total cost field. If the field exhibits values that are zero or greater, the upload is rejected to file with an error message reporting the name of the program experiencing the condition, the errant value, and the line number in which it occurs.
- **Defect 395824 (P4):** An incorrect error message appears when the user tries to enter a duplicate item for credit note details.

## Known issues

**Defect 396856 (P4):** The `im_supplier_options.qty_matched_ind` and `im_supplier_options.total_header_qty_req_ind` are obsolete in ReIM 11.0. These columns will be removed safely.

**Defect 396611 (P3):** When an open receipt closes after the number of days set in `IM_SUPPLIER_OPTIONS.CLOSE_OPEN_SHIPMENT_DAYS`, the records are written to `IM_FINANCIALS_STAGE` without the VAT records.

**Defect 396235 (P3):** BatchPurge runs and completes normally but does not delete `IM_DOC_HEAD` records of status 'delete'.