

HOW TO...

Configure and Use Electronic PL Invoice Load

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1 Overview

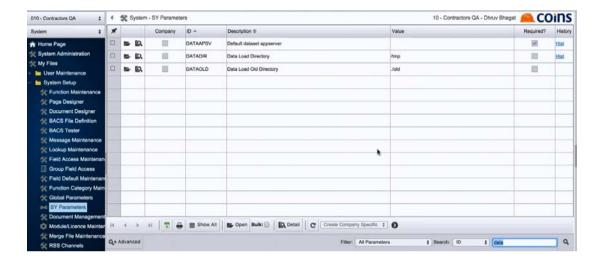
COINS allows you to import Purchase Ledger transaction data from other applications. The basic steps are:

- 1. Export your data into the supplied Excel Template
- 2. From the spreadsheet, create the import file in the required format
- 3. Use Purchase Ledger > Invoices > Check Electronic Invoices to check the data file before loading it.
- 4. COINS processes the file but does not load the data. If the check runs with no errors, you will be able to load the file. If there are errors, the file may load, but COINS will not post it.
- 5. Use Purchase Ledger > Invoices > Load Electronic Invoices to load the invoices.
- 6. COINS loads the data file and creates a transaction batch
- 7. If the data loads correctly, COINS then moves the data file to the directory specified by the system parameter DATAOLD.



2 Configuration

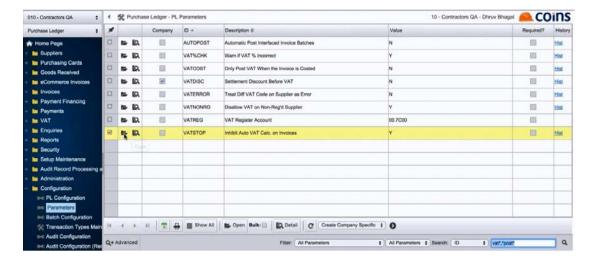
2.1 System Parameters



SY/DATADIR	The name of the directory that contains data files to be loaded. Used by GL, SL and PL load procedures. In Firstbase this will be set to /tmp
SY/DATAOLD	The name of the directory to which COINS moves data files automatically once they have been loaded. Used by GL, SL and PL load procedures. In Firstbase this will be set to ./old



2.2 Purchase Ledger Parameters



The following parameters must be amended **before** attempting to load the invoice file.

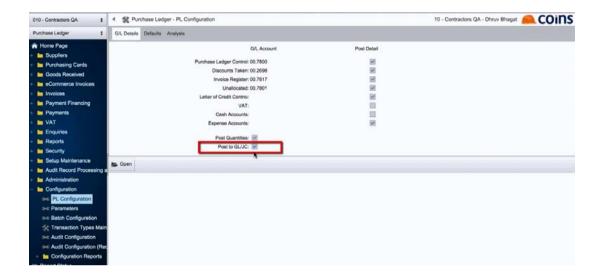
If you have multiple COINS companies, you should make these company specific to the company being imported into to avoid the changes affecting any other companies.

AUTOPOST - Automatic Post Interfaced Invoice Batches	This should be set to N so that Invoices loaded by the PL interface procedure will not automatically post.
VATSTOP - Inhibit Auto VAT Calc. on Invoices	This should be set to Y so that COINS does not enter the calculated VAT amount when a user enters the VAT code – The VAT amount will be on the import file



2.2.1 PL Configuration

In PL Configuration untick the option to Post to GL/JC



Note:

Remember to set the PL parameters and configuration back once the import is successful



3 Data File Format

A spreadsheet template is provided to facilitate the creation of the file into the correct format for loading.

To access the spreadsheet template, click the attachments icon in Adobe Reader (whilst reading this document) and download the attachment.

Note: The spreadsheet requires macros to be enabled to assist with the correct formatting of the data.

Each row starting at Row 4 should contain the details for one invoice and the columns to be completed are as follows:

Column	Field	Description
Α	avm_num	Supplier Account Number
В	ain_idate	Invoice date
С	ain_amount	Gross amount (2 Decimal
		Places)
D	source	Source ledger code
		This should be set to PL
E	coj_type	Transaction type
		It is recommended that the
		import is only carried out for
		PINN invoices (no Purchase
_		Order)
F	ain_taxamt	VAT amount (2 Decimal
		Places)
G	ain_duedt	Automatically calculated from
		Invoice Date Due date
Н	ain_discdt	Automatically calculated
	at a discount	Discount date
1	ain_discamt	Discount
J	ain_desc	Description
K	new_ain_hcode	Hold code and Reason. Leave
		blank f these will not go on
		hold, otherwise specify a valid hold code and reason,
		separated by a comma.
		e.g. AA,Awaiting Approval
		e.g. AA,Awaitilig Apploval
L	ohd_num	P O number
		Leave blank
M	ain_supref	Supplier Reference

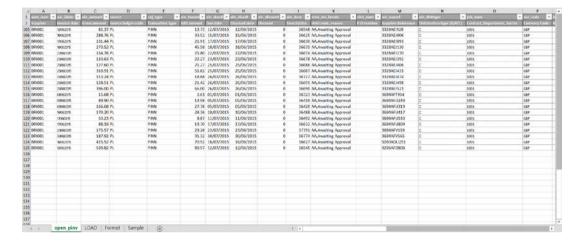


N	ain_disttype	Distribution type (R/P/C)
0	job_num	Contract, Department, Sector
P	cur_code	Currency Code
Q	int_ref	Internal reference
R	"\$"	This must contain "\$"
S	Lines	Leave Blank
T	"\$"	This must contain "\$"
U	ب vat code	VAT code
V	-	
V	ain_taxamt	Automatically copied from previous entry VAT amount (2
		Decimal Places)
W	ain_netamt	Automatically calculated Goods amount (2 Decimal
		Places)t
Х	summ2	Summary (YES/NO)
Υ	"\$"	This must contain "\$"
Z	Lines	Leave Blank
AA	"\$"	This must contain "\$"
AB	ain_netamt	Automatically copied from
	_	previous entry Amount
AC	anal_type	Analysis type (1 - Contract, 2 -
		Plant, 3 - General Ledger, 5 -
		Workshop)
AD	anal	Analysis (for example,
		contract/cost code/category,
		G/L account)
AE	ain_fdate	Effective Date
AF	summ	Summary (YES/NO)
AG	ain_desc	Automatically copied from
		previous entry Description
AH	ohd_num	Automatically copied from
		previous entry PO Number
Al	tax_code	Automatically copied from
		previous entry Sales Tax Code
AJ		Quantity
AK		Units
AL	"\$"	This must contain "\$"
AM	"E"	This must contain "E" to
		signify the end of the import
		record

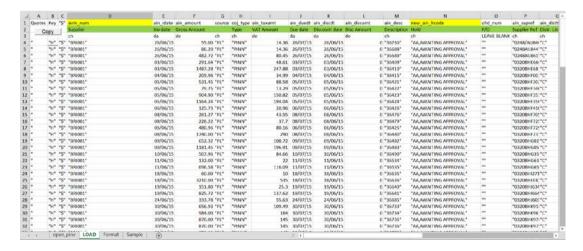


3.1 Method

1. Complete the "Open_pinv" sheet on the attached template as per the format description above.



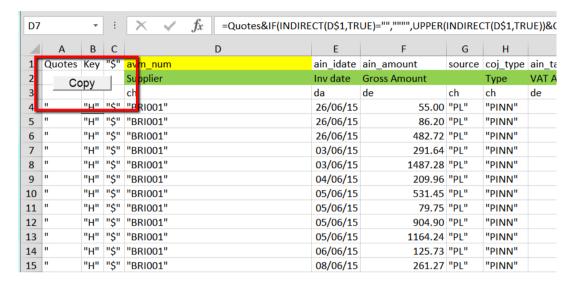
- 2. The Sheet "Sample" provides an example to refer to.
- 3. Row 3 of the sheet contains all the required settings and formulas and can be copied down to Row 4 onwards for the number of lines required 1 line per invoice to be loaded.
- 4. Once the sheet has been completed, click on the "LOAD" sheet.



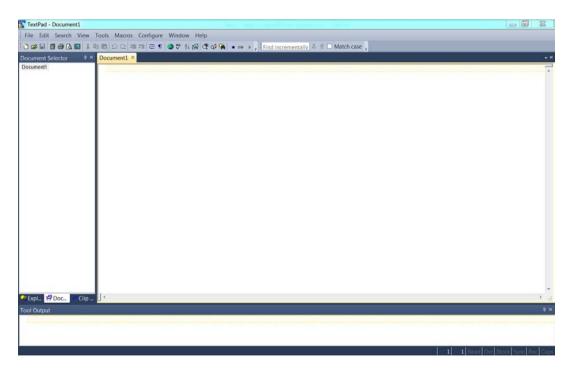
5. This automatically populates with the data from "Open_Pinv" and creates the correct export format. Verify that you have the same number of lines on each. If there are more lines needed on "LOAD" simply copy the last line down the required number of lines – this will copy the formulas and automatically populate from the "Open_Pinv" sheet. If there are more lines than invoices, delete the extra lines.



6. Once you are happy that all the invoices are showing on "LOAD" click the Copy button on the top left of the sheet

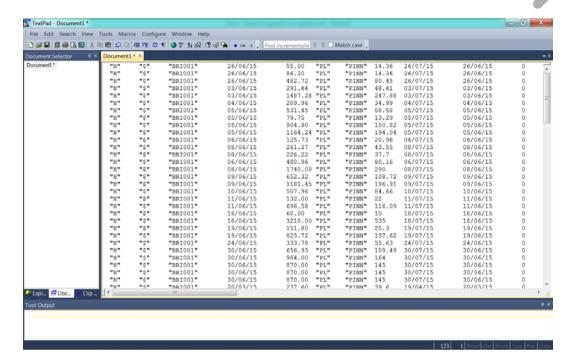


- 7. The data will be copied to your clipboard.
- 8. Open Textpad (This can be downloaded from www.textpad.com)

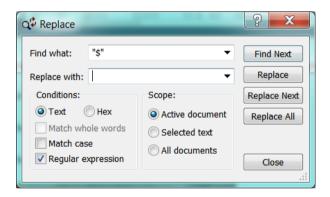


9. Paste the data from the clipboard into Textpad



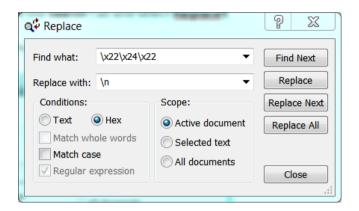


- 10. Click the Search Tab and select Relplace
- 11. In the Find What box, enter "\$"

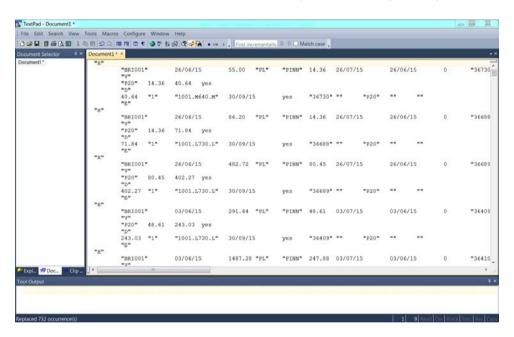


- 12. Select the Hex radio button
- 13. In the Replace With box, Enter \n





- 14. Click Replace All
- 15. The file will then be converted to the correct import format required by COINS



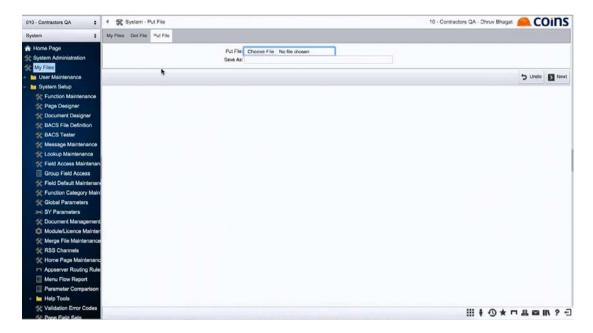
16. Save the file to a directory on your PC



3.2 Loading the Data into COINS

3.2.1 Uploading the File

1. In COINS, navigate to System > My Files and click on the **Put File** tab



- 2. Click on Choose File and select the import file you created earlier in TextPad
- 3. In the **Save As** box, enter the path /tmp/ (or the path specified by the SY/DATADIR parameter if different) followed by your file name



4. Click Next

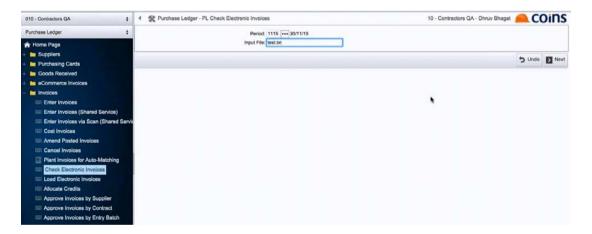


3.2.2 Check Electronic Invoices

PL Check Electronic Invoices allows you to check the format of an invoice data file before you load it.

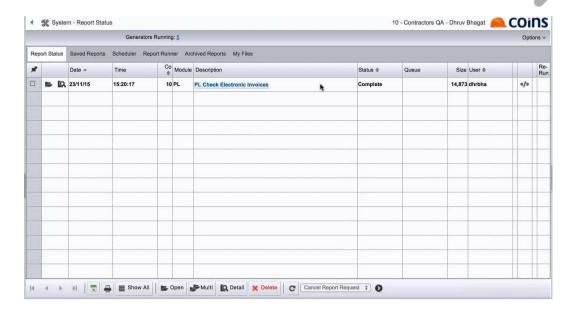
COINS will produce a log report if there are any errors or warnings. COINS processes the file but does not load the data. If the check runs with no errors, then you will be able to load the file. If there are errors, the file may load, but COINS will not post it.

- 1. Navigate to Purchase Ledger > Invoices > Check Electronic Invoices
- 2. Select the relevant financial period
- 3. Enter the name of your import file, no path is required. This will automatically use the SY/DATADIR folder specified.

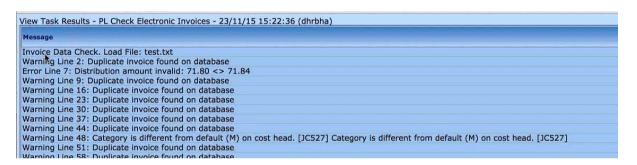


- 4. Click Next
- 5. COINS will validate the import file and a report will be generated on the Report Status Workbench





6. Open the report and check for any errors. An example is shown below:



- 7. Errors must be corrected before attempting to load the file. Warnings will not prevent the file from loading, but may prevent the batch from posting until corrected COINS. It is advisable to resolve any Warnings at this stage.
- 8. Correct the issues reported within import file on your PC (The Report will identify the line numbers to assist with finding the correct record to change). You will then need to upload the corrected file to COINS as shown in 3.2.1 and re-run the **Check Electronic Invoices** process again.
- 9. Once the Report indicates that there are no further Errors or Warnings, you can proceed to Loading the Invoices.



3.2.3 Electronic Invoice Load

NOTE:

DO NOT attempt to Load the Invoice File if Errors are indicated on the Check Report. If you do, only a partial load will occur and the batch will need to be deleted.

This will be indicated on the Load Report:

- 1. Navigate to Purchase Ledger > Invoices > Load Electronic Invoices
- 2. Select the Financial Period
- 3. Enter a Batch Description to help identify the batch
- 4. Specify the import filename



5. On the Report Status Workbench, locate the Load Report



6. The report will confirm is the load was successful. Any Errors will have caused the file to partially load and the batch must be deleted, the error corrected and the file re-checked and re-loaded

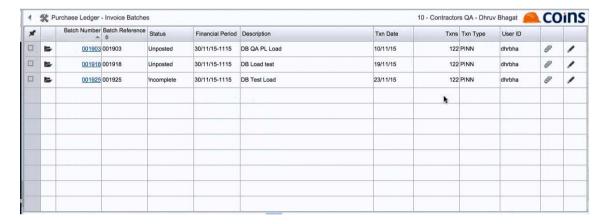




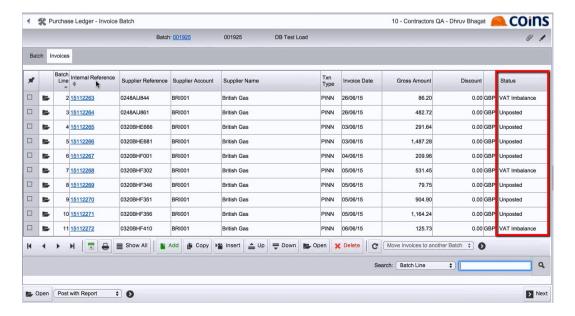
7. A successful load will show Load Complete



8. Any Warning should be noted and the relevant invoices corrected in COINS before the batch can be posted. Batches with Warnings will show in the Invoice Entry Workbench as **incomplete**.

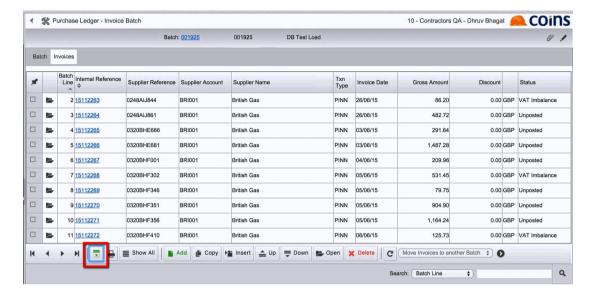


- 9. Verify that the correct number of Invoices (TXNS column) are in the batch.
- 10. Open the batch and Select the Invoices Tab
- 11. Invoices that are ok will have a status of unposted. Any Invoices that require correct will have a message identifying the issue. These must be corrected before the batch can be posted.

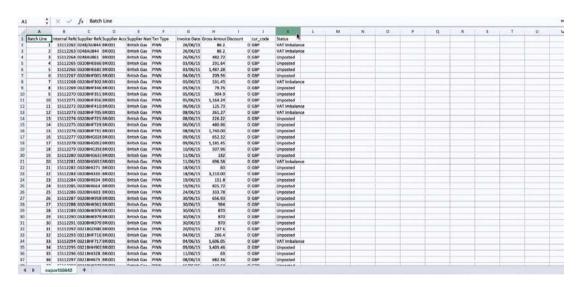




12. If the batch contain a large number of invoices, you may find it easier to deal with the invoices that required amendment if you click the Excel export button at the bottom of the screen.

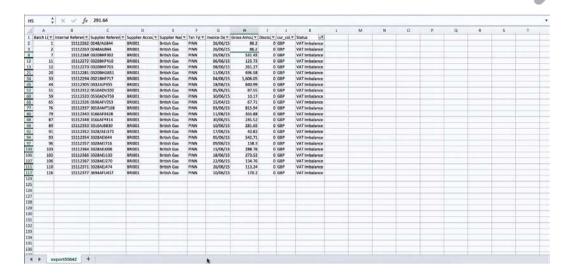


The batch records will then open in Excel

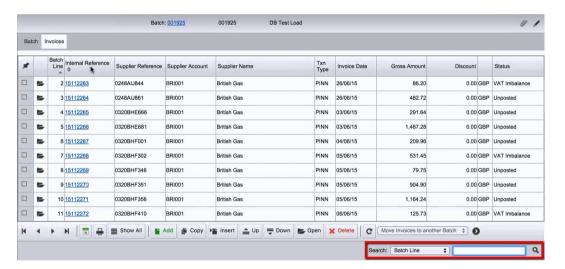


Filter the Status column to exclude any invoices with a status of **Unposted**. This will leave you with a list of only the invoices that need correcting.





From the spreadsheet, the first column will provide the Batch Line number of the invoices to be corrected. In COINS you can use the line number in the browse filter to navigate directly to the invoices rather than paging up and down to locate them.



13. Once any issues are dealt with, the batch status will become **Unposted**. You can then Post the batch to complete the invoice load process.