MD.050 Application Extensions Functional Design

ROSE PHARMACY, INCORPORATED

Enhancement of the AP Vendor interrace

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Topical Essay

RPI regularly uploads trade suppliers/vendors from JDA MMS to Oracle AP using the Supplier Interface program to ensure consistent maintenance. Non-trade (external) suppliers/vendors are also uploaded manually through the same interface to prevent duplicate maintenance efforts. However, non-trade (internal) suppliers are maintained directly in Oracle as the existing program was not designed to support batch uploads for these type of suppliers. The interface program manages the upload and maintenance of both existing and new suppliers in Oracle.

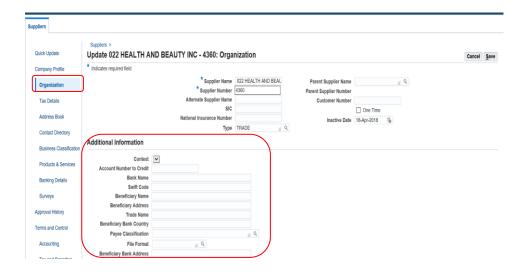
With the implementation of new projects in place such as HSBC Pesonet, MBOS and Auto-Email for BIR 2307 and Payment Advice, there is a need for additional information readily available on the supplier masterfile such as the bank details (beneficiary details), contact details, supplier site accounting, supplier site tax details, supplier status, payment group and payment method upon supplier interface in order to efficiently and effectively implement the new projects in Oracle Payables. Currently, this additional information is manually updated on the Oracle supplier master.

Basic Business Needs

With the need of the additional information on the Oracle supplier master; the bank details (beneficiary details), contact details, supplier site accounting, supplier site tax details, supplier status, payment group and payment method shall be uploaded for all existing and new suppliers utilizing the HSBC Pesonet, MBOS and Auto-Email for BIR 2307 and Payment Advice programs.

Major Features

- 1. Upload AP supplier flatfiles with naming convention to temporary table to Oracle Tables.
- 2. Upload additional information such as bank details (beneficiary details), contact details, supplier site accounting, supplier site tax details, supplier status, payment group and payment method.
 - 2.1 The bank details (beneficiary details) shall be uploaded under the Organization tab. As there are a number of fields required, Descriptive Flexfields (DFF) are utilized.



The following DFF will have the following attributes:

Field Name	Format Type	Maximum Size	Validation Type	Required?	
Account Number to Credit	Character	25	None	No	
Bank Name		Free form text		No	
Swift Code		Free form text		No	
Beneficiary Name		Free form text			
Beneficiary Address		Free form text			
Trade Name	Free form text		Free form text		No
Beneficiary Bank Country	Free form text		No		
Payee Classification	Character	50	Independent	No	
File Format	Character	20	Independent	No	
Beneficiary Bank Address	Free form text		No		

Note: Since these are not required fields, the program will only update the field if the uploaded file contains values. If the field is blank, do not update that specific field.

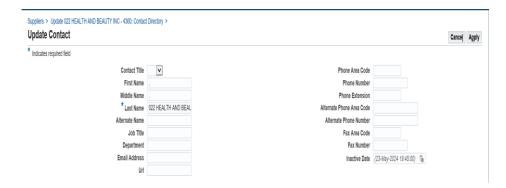
2.2 Supplier Contact Details

The supplier contact shall be uploaded under the Contact Directory tab



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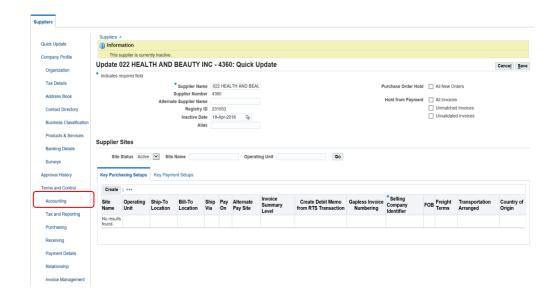
The following fields shall be uploaded:

- 2.2.1 First Name
- 2.2.2 Middle Name
- 2.2.3 Last Name (required)
- 2.2.4 Alternate Name
- 2.2.5 Job Title
- 2.2.6 Department
- 2.2.7 Email Address
- 2.2.8 Phone Number
- 2.2.9 Inactive Date

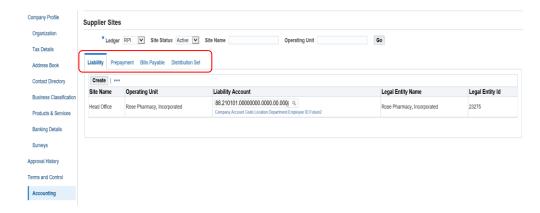
Note: Since not all are not required fields, the program will only update the field if the uploaded file contains values. If the field is blank, do not update that specific field.

2.3 Supplier Site Accounting

The supplier site accounting shall be uploaded under the Accounting tab



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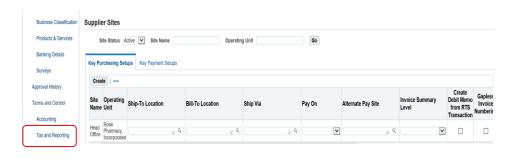


The following fields shall be uploaded:

- 2.3.1 Liability account account combination should be available on the chart of accounts setup
- 2.3.2 Prepayment Account account combination should be available on the chart of accounts setup
- 2.3.3 Bills Payable account account combination should be available on the chart of accounts setup
- 2.3.4 Distribution Set value should be available from the Distribution Set setup N>Setup > Invoice > Distribution Sets

2.4 Supplier Site Tax Details

The supplier site tax details shall be uploaded under the Tax and Reporting tab and Tax Details tab



The following fields shall be uploaded:

- 2.4.1 Site Name
- 2.4.2 Calculate Tax
- 2.4.3 Tax Registration Number
- 2.4.4 Allow Offset taxes
- 2.4.5 Rounding Rule

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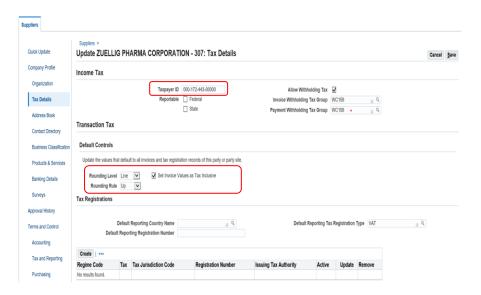
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- 2.4.6 Set Invoice Values as Tax Inclusive
- 2.4.7 Tax Classification value should be available from the Tax Manager setup

Tax Details Tab

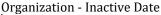
The following fields shall be uploaded:

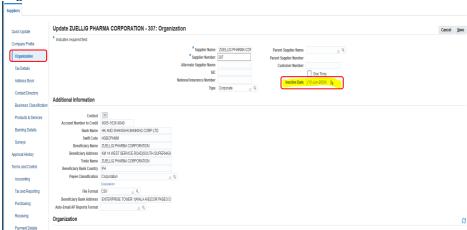
- 2.4.8 TaxPayer ID
- 2.4.9 Rounding Level



2.5 Supplier Status – Inactive Date and Status

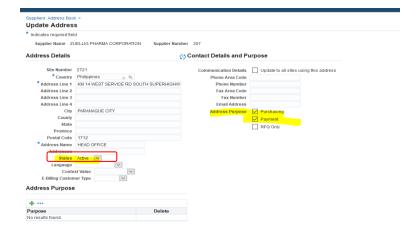
The supplier status shall be uploaded under the Organization tab and Address Book tab



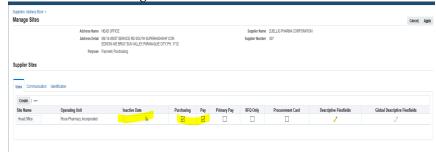


Address Book tab - Status field

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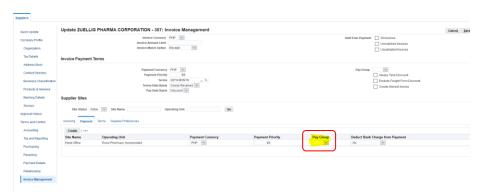


Address Book > Manage Sites - Inactive Date



2.6 Pay Group

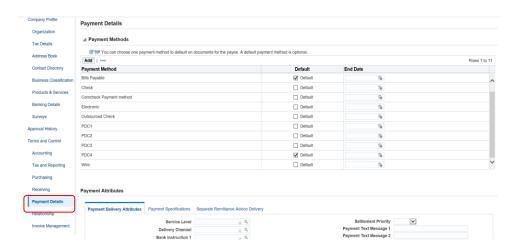
The supplier payment group shall be uploaded under the Invoice Management tab $\,$



2.7 Payment Details

The supplier payment method shall be uploaded under the Payment Details tab

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Supplier's default payment method shall be enabled from the available payment methods setup – both in Header and Site

3. Upload existing, new and updates of supplier from other applications to Oracle AP.

Business Rules

- 1. All vendor maintenance and updates will be uploaded from JDA MMS except for non-trade suppliers
- 2. Pre requisite setups have already been setup in Oracle AP such as DFF Payee Classification, DFF File Format, GL accounts combination, Distribution Set, Tax Classification, Pay Group and Payment Method.
- 3. Run the interface program at EOD or as defined by RPI
- 4. Manual updating of uploaded supplier master directly in Oracle is not allowed as this causes error during Supplier Interface Update.
- 5. Run it before the AP Invoices Interface is executed

Assumptions

- 1. A separate program outside Oracle will extract the AP suppliers to a textfile
- 2. A separate program outside Oracle will transfer the AP supplier flatfiles to Oracle directory

NOTE:

When extracting data from other applicatios there are two (2) criteria:

- 1) Existing and New Supplier's data to be extracted.
- 2) Records of Suppliers whose data has changed. (Updated supplier records)

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We do not need records of Suppliers whose records have had no change.

Other systems may be having a status flag which can identify a new record or a changed record, or may have a field that indicates last changed date. Hence, filtering of required data can be done on this basis.

If the entire content of suppliers is given, processing could be slow as one will need to sequentially process each record of supplier and update or add records in Oracle EBS R12.

3.) As a general rule, for the **Not Required** fields, the program will only update the field if the uploaded file contains values. If the field is blank, do not update that specific field. For **Required** fields, the program will update the field based on the textfile value.

Report Descriptions

AUDIT LOG REPORT

Filename: AP Vendor Interface - Enhancement

Processing Date: June-7-2024 12:00:00

Number of records provided = 1000 Number of records uploaded = 1000

Filename: AP Vendor Interface - Enhancement

Processing Date: June-7-2024 12:00:00

Number of Site records provided = 1000 Number of Site records uploaded = 1000

Supplier Flatfile

Field Descriptions

No	Column Name	Description	Data Type	Req?
1	HDR_SUPPLIER_NAME	Supplier Name	VARCHAR2(240)	Y
2	HDR_SUPPLIER_CODE	Supplier Code	VARCHAR2(30)	Y
3	HDR_SUPPLIER_TYPE	Supplier Type	VARCHAR2(30)	Y
4	HDR_TERMS_NAME	Supplier Payment Terms	VARCHAR2(50)	Y
5	HDR_PAY_DATE_BASIS_LOOKUP_CODE	Supplier Payment Date	VARCHAR2(25)	N
		Basis. Default = "DUE"		
6	HDR_INVOICE_CURR_CODE	Supplier Invoice Currency Code	VARCHAR2(15)	Y
7	HDR_PAYMENT_CURR_CODE	Supplier Payment Invoice Code	VARCHAR2(15)	Y
8	HDR_VAT_CODE	Supplier VAT Code	VARCHAR2(15)	Y
9	HDR_TERMS_DATE_BASIS	Supplier Terms Date Basis(Options: Invoice Date, System Date, Goods Received Date)	VARCHAR2(25)	N
10	HDR_AUTO_TAX_CALC_FLAG	Supplier Auto Tax Calculate Flag. Default is null	VARCHAR2(1)	Y
11	HDR_AMOUNT_INCLUDES_TAX_FLAG	Supplier Invoice Include Tax Flag Default is null	VARCHAR2(1)	N
12	HDR_ALLOW_AWT_FLAG	Supplier Allow AWT Flag. Default is null	VARCHAR2(1)	Y
13	HDR_AWT_GROUP_NAME	Supplier AWT Group Name. (withholding tax code)	VARCHAR2(25)	N
14	HDR_PAYMENT_METHOD_CODE	Supplier Payment Method Code.	VARCHAR2(30)	Y
15	HDR_ACCTS_PAY_CODE_COMPANY	Supplier Liability Account – Company	VARCHAR2(30)	N
16	HDR_ACCTS_PAY_CODE_ACCOUNT	Supplier Liability Account – Account	VARCHAR2(30)	N
17	HDR_ACCTS_PAY_CODE_LOCATION	Supplier Liability Account – Location (Includes Region, District and Store)	VARCHAR2(30)	N
18	HDR_ACCTS_PAY_CODE_DEPARTMENT	Supplier Liability Account – Department	VARCHAR2(30)	N
19	HDR_ACCTS_PAY_CODE_EMPLOYEE ID	Supplier Liability Account – Section	VARCHAR2(30)	N
20	HDR_ACCTS_PAY_CODE_FUTURE	Supplier Liability Account – Future	VARCHAR2(30)	N
21	DTL_SITE_CODE	Unique Supplier Site Code = 'Head Office' or 'HO'	VARCHAR2(15)	Y
22	DTL_PAY_SITE_FLAG	Pay Site Flag – Default value "Y"	VARCHAR2(1)	Y
23	DTL_ADDRESS_LINE1	Enter the address for your	VARCHAR2(240)	Y
24	DTL_ADDRESS_LINE2	customer in these columns.	VARCHAR2(240)	N
25	DTL_ADDRESS_LINE3	You can enter up to three lines of an address.	VARCHAR2(240)	N

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26	DTL_COUNTRY	Site Country	VARCHAR2(25)	Y
27	DTL_PHONE_AREA_CODE	Site Phone Area Code	VARCHAR2(10)	N
28	DTL_PHONE_NUMBER	Site Phone Number	VARCHAR2(20)	N
29	DTL_FAX_AREA_CODE	Site Fax Area Code	VARCHAR2(10)	N
30	DTL_FAX_NUMBER	Site Fax Number	VARCHAR2(20)	N
31	DTL_TERMS_DATE_BASIS	Site Terms Data Basis	VARCHAR2(25)	N
32	DTL_VAT_CODE	Site VAT Code	VARCHAR2(20)	Y
33	DTL_TERMS_NAME	Site Terms Name	VARCHAR2(50)	Y
34	DTL_PAY_DATE_BASIS_LOOKUP_CODE	Site Payment Date Basis. Default = "DUE"	VARCHAR2(25)	N
35	DTL_INVOICE_CURR_CODE	Site Invoice Currency Code	VARCHAR2(15)	Y
36	DTL_PAYMENT_CURR_CODE	Site Payment Invoice Code	VARCHAR2(15)	Y
37	DTL_AUTO_TAX_CALC_FLAG	Site Auto Tax Calculate Flag. Default is null	VARCHAR2(1)	N
38	DTL_AMOUNT_INCLUDES_TAX_FLAG	Site Invoice Include Tax Flag Default is null	VARCHAR2(1)	N
39	DTL_PRIMARY_PAY_SITE_FLAG	Site Primary Pay Site Flag.	VARCHAR2(1)	N
40	DTL_PAYMENT_METHOD_CODE	Site Payment Method Code	VARCHAR2(30)	Y
41	DTI_ALLOW_AWT_FLAG	Site Allow AWT Flag. Default is null	VARCHAR2(1)	Y
42	DTL_AWT_GROUP_NAME	Site AWT Group Name.	VARCHAR2(25)	N
43	DTL_EMAIL_ADDRESS	Site Email Address	VARCHAR2(2000)	N
44	DTL_ACCTS_PAY_CODE_COMPANY	Supplier Liability Account – Company	VARCHAR2(30)	N
45	DTL_ACCTS_PAY_CODE_ACCOUNT	Supplier Liability Account – Account	VARCHAR2(30)	N
46	DTL_ACCTS_PAY_CODE_LOCATION	Supplier Liability Account – Location	VARCHAR2(30)	N
47	DTL_ACCTS_PAY_CODE_DEPARTMENT	Supplier Liability Account – Department	VARCHAR2(30)	N
48	DTL_ACCTS_PAY_CODE_EMPLOYEE ID	Supplier Liability Account – Employee ID	VARCHAR2(30)	N
49	DTL_ACCTS_PAY_CODE_FUTURE	Supplier Liability Account – Future	VARCHAR2(30)	N
50	DTL2_CONT_FIRST_NAME	Site Contact First Name	VARCHAR2(15)	N
51	DTL2_CONT_MIDDLE_NAME	Site Contact Middle Name	VARCHAR2(15)	N
52	DTL2_CONT_LAST_NAME	Site Contact Last Name	VARCHAR2(20)	Y
53	DTL2_CONT_PREFIX	Site Contact Prefix	VARCHAR2(5)	N
54	DTL2_CONT_TITLE	Site Contact Title	VARCHAR2(30)	N
55	DTL2_CONT_PHONE_AREA_CODE	Site Contact Phone Area Code	VARCHAR2(10)	N
56	DTL2_CONT_PHONE_NUMBER	Site Contact Phone Number	VARCHAR2(20)	N
57	DTL2_CONT_FAX_AREA_CODE	Site Contact Fax Area Code	VARCHAR2(10)	N
58	DTL2_CONT_FAX_NUMBER	Site Contact Fax Number	VARCHAR2(20)	N
59	POSTAL_CODE (for US Suppliers)	Supplier Postal Code	VARCHAR(50)	N
60	CITY (For US Suppliers)	Supplier City Address	VARCHAR(50)	N
61	COUNTY (For US Suppliers)	Supplier County Address	VARCHAR(50)	N
62	STATE (For US Suppliers)	Supplier State Address	VARCHAR (50)	N
63	SUPPLIER TIN	Supplier TIN	VARCHAR(50)	Y
64	CHECK NAME	Check Name/Payee Name	VARCHAR (100)	N
65	DISTRIBUTION SET	For fixed recurring entries	VARCHAR (30)	N

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66	HDR_ACCOUNT NUMBER TO CREDIT	Bank account number to credit	VARCHAR (25)	N
67	HDR_BANK NAME	Bank account name to credit	VARCHAR (20)	N
68	HDR_SWIFT CODE	Bank swift code	VARCHAR (20)	N
69	HDR_BENEFICIARY NAME	Suppier Beneficiary Name	VARCHAR (150)	N
70	HDR_BENEFICIARY ADDRESS	Suppier Beneficiary Address	VARCHAR (150)	N
71	HDR_TRADE NAME	Supplier Trade Name	VARCHAR (150)	N
72	HDR_BENEFICIARY BANK COUNTRY	Beneficiary bank country	VARCHAR (20)	N
73	HDR_PAYEE CLASSIFICATION	Payee classification	VARCHAR (50)	N
74	HDR_FILE FORMAT	File Format	VARCHAR (20)	N
75	HDR_BENEFICIARY BANK ADDRESS	Beneficiary Bank Address	VARCHAR (150)	N
76	DTL2_ALTERNATE NAME	Contact Alternate Name	VARCHAR2(20)	N
77	DTL2_DEPARTMENT	Contact Department	VARCHAR2(20)	N
78	DTL2_EMAIL ADDRESS	Contact Email Address	VARCHAR2(2000)	N
79	DTL2_PHONE_NUMBER	Contact Phone Number	VARCHAR2(20)	N
80	DTL2_INACTIVE DATE	Contact effective date	Standard Date Format	N
81	DTL_PREPAYMENT_CODE_COMPANY	Supplier Prepayment Account - Company	VARCHAR2(30)	N
82	DTL_PREPAYMENT_CODE_ACCOUNT	Supplier Prepayment Account – Account	VARCHAR2(30)	N
83	DTL_PREPAYMENT_CODE_LOCATION	Supplier Prepayment Account – Location	VARCHAR2(30)	N
84	DTL_PREPAYMENT_CODE_DEPARTMENT	Supplier Prepayment Account – Department	VARCHAR2(30)	N
85	DTL_PREPAYMENT_CODE_EMPLOYEE ID	Supplier Prepayment Account - Employee ID	VARCHAR2(30)	N
86	DTL_PREPAYMENT_CODE_FUTURE	Supplier Prepayment Account – Future	VARCHAR2(30)	N
87	DTL_BILLS PAYABLE_CODE_COMPANY	Supplier Bills Payable Account – Company	VARCHAR2(30)	N
88	DTL_ BILLS PAYABLE _CODE_ACCOUNT	Supplier Bills Payable Account – Account	VARCHAR2(30)	N
89	DTL_ BILLS PAYABLE _CODE_LOCATION	Supplier Bills Payable Account – Location	VARCHAR2(30)	N
90	DTL_BILLS PAYABLE _CODE_DEPARTMENT	Supplier Bills Payable Account – Department	VARCHAR2(30)	N
91	DTL_ BILLS PAYABLE _CODE_EMPLOYEE ID	Supplier Bills Payable Account – Employee ID	VARCHAR2(30)	N
92	DTL_ BILLS PAYABLE _CODE_FUTURE	Supplier Bills Payable Account – Future	VARCHAR2(30)	N
93	DTL_CALCULATE TAX	Yes/ No	VARCHAR2(15)	N
94	DTL_TAX REGISTRATION NUMBER	Supplier TIN	VARCHAR2(20)	N
95	DTL_ALLOW OFFSET TAX	Yes/ No	VARCHAR2(15)	N
96	DTL_ROUNDING RULE	Default = Nearest	VARCHAR2(15)	N
97	DTL_SET INVOICE VALUES AS TAX INCLUSIVE	Yes/ No	VARCHAR2(15)	N

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98	DTL_TAX CLASSIFICATION	Suppleir VAT Code	VARCHAR2(15)	N
99	DTL_TAXPAYER_ID	TIN Number	VARCHAR(50)	Y
100	DTL_ROUNDING_LEVEL	Tax Rounding Level	VARCHAR2(15)	N
101	DTL_SUPPLER_INACTIVE DATE	Supplier effective date	Standard Date	N
			Format	
102	DTL_SUPPLIER_STATUS	Supplier Status	VARCHAR2(15)	N
103	DTL_PAY_GROUP	Supplier payment grouping	VARCHAR(50)	N
104	FILENAME	This column will identify	VARCHAR2(100)	Y
		the grouping of data or		
		source text file of data.		

Open and Closed Issues for this Deliverable

Open Issues

ID	Issue	Resolution	Responsibility	Target Date	Impact Date

Closed Issues

ID	Issue	Resolution	Responsibility	Target Date	Impact Date