Oracle® Revenue Management and Billing

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ORMB-PeopleSoft Implementation Guide

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ORMB-PeopleSoft Implementation Guide

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Contents

1. Glossary

Term	Definition
ORMB	Oracle Revenue Management and Billing System
GLDL	General Ledger Download Flat File
GL	General Ledger
AP	Accounts Payable
LKM	Load Knowledge Module
IKM	Integration Knowledge Module
CKM	Check Knowledge Module

2. Solution Overview

2.1 Summary

This document provides information on the integration between Oracle Revenue Management and Billing (ORMB) and Oracle PeopleSoft Enterprise Financial Management for General Ledger and Accounts Payable using Oracle Data Integrator tool. The sections below provide an overview of the participating applications and information regarding the business processes addressed by this integration.

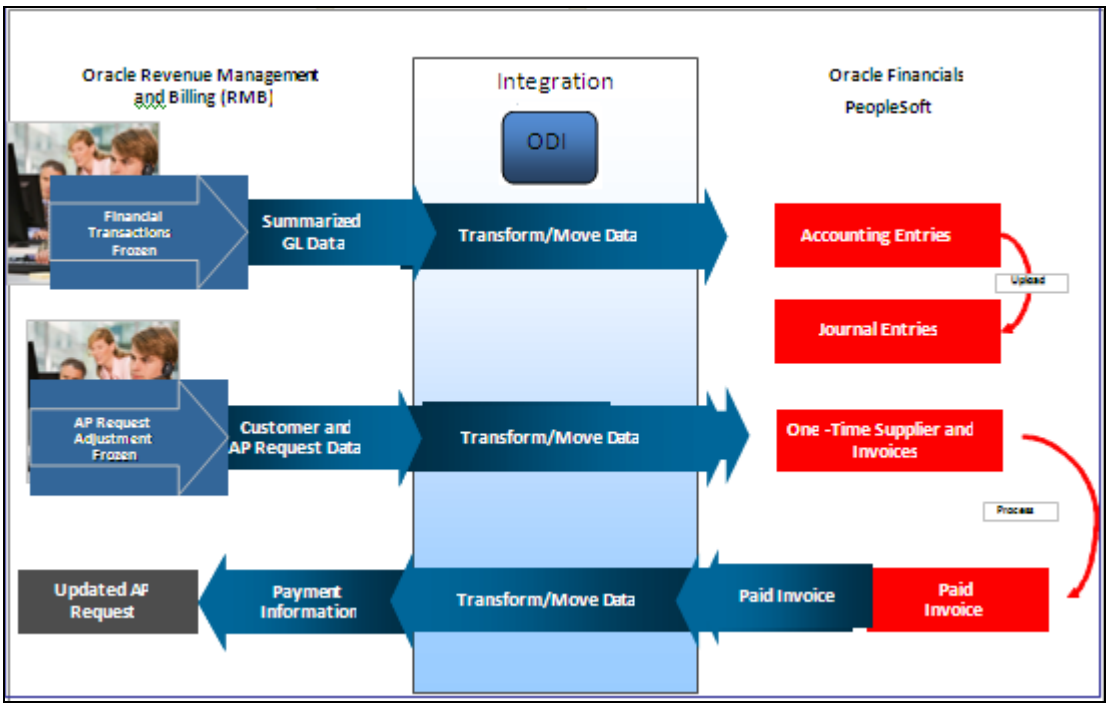
2.2 Business Process Task Flow

This integration of products incorporates three areas of key functionality to facilitate the transfer of information between two applications. Data is sent from Oracle Revenue Management and Billing to Oracle PeopleSoft Enterprise Financial Management for General Ledger and Accounts Payable and vice versa to support the following transactions and actions:

ORMB	PeopleSoft
A bill is created/ cancelled	The general ledger is updated with the journal information.
A payment is created/ cancelled	
An adjustment is created / cancelled	
An adjustment whose type indicates A/P Request is created	An accounts payable invoice is created and associated with a single payment vendor

ORMB	PeopleSoft
A payment is created for an invoice related to an ORMB A/P request.	Payment information is sent from PeopleSoft to ORMB. The A/P Request is updated with the payment information.
A check related to an invoice linked to an A/P request is re-issued.	
A check related to an invoice linked to an A/P request is voided and the liability is closed.	The A/P request and its associated adjustment are cancelled.

The flow of data between the two systems is illustrated below:



2.2.1 General Ledger Process

For general ledger transactions, ORMB is considered as sub-ledger and Oracle PeopleSoft Enterprise Financials and Accounts Payable both are considered as General Ledger.

- General Ledger transactions are written in one direction; from ORMB to Oracle PeopleSoft Enterprise Financials for General Ledger and Accounts Payable.
- Financial transactions are moved from the sub-ledger to the general ledger when two consecutive ORMB batch processes, GLASSIGN and GLS, are run according to a set schedule. These are standard processes released with ORMB.
- The GLASSIGN and GLS processes group all the financial transactions in ORMB that must be included in a batch. The GL Integration Point checks for batches of financial transactions that are ready to be sent, extracts and summarizes the data, translates the data from a sub-ledger format to the format required by the general ledger, and writes it to the Oracle PeopleSoft Generic Accounting Entry Table PS_JGEN_ACCNT_ENTRY.
- Once the entries are created in Oracle PeopleSoft Enterprise Financial Management, the standard journal generation process must be executed to create the necessary journal entries within the General Ledger.

This can be accomplished by scheduling the standard Oracle PeopleSoft Enterprise Financials for General Ledger and Accounts Payable journal generator process or by manually running this process through the standard user interface provided within the Oracle PeopleSoft Enterprise Financials for General Ledger and Accounts Payable product. You must set up a journal generator template to facilitate uploading the Journal Generator data from the Oracle PeopleSoft Enterprise Financials for General Ledger and Accounts Payable staging tables.

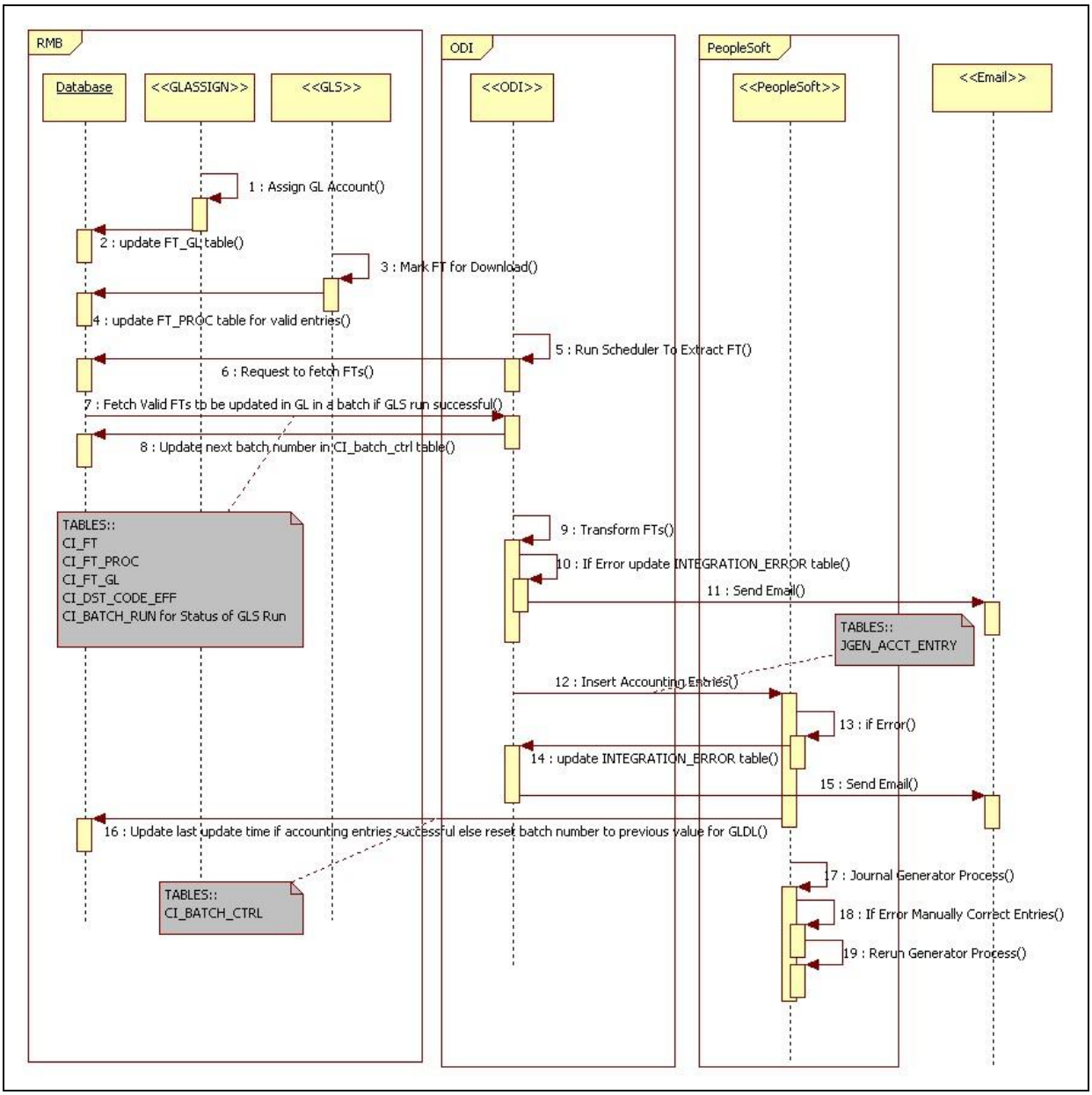


Figure 1 GL Process Flow Diagram

Following are the steps for the GL Process flow:

1. Run GLASSIGN batch program in ORMB which simply calls each GL's details distribution code's GL assignment algorithm and updates the GL detail with the GL account number. (Ref: Steps 1 & 2 in flow diagram)
2. Run GLS batch program in ORMB which creates FT download staging records for all FTs that are ready to be added/registered to the GL. (Ref: Steps 3 & 4 in flow diagram)
3. ODI extracts this FT information from ORMB to be interfaced with PeopleSoft. (Ref: Steps 5 , 6 & 7 in flow diagram)
4. ODI updates the Next_Batch_Nbr for GLDL in CI_Batch_Ctrl table in ORMB. (Ref: Step 8 in flow diagram)

5. ODI transforms and inserts the data into PeopleSoft Generic Accounting Entry table PS_JGEN_ACCNT_ENTRY (Ref: Steps 9 to 15 in flow diagram)
6. ODI updates the Last_Update_DateTime in CI_Batch_Ctrl table in ORMB. (Ref: Steps 16 in flow diagram)
7. Run Journal Import process in PeopleSoft to import FTs. (Ref: Steps 17 in flow diagram)
8. Any errors in interface tables must be corrected in PeopleSoft and the Journal Import process must be re-run. (Ref: Steps 18 & 19 in flow diagram)

2.2.2 Account Payable Request Process

- AP Request transactions are written in one direction from ORMB to Oracle PeopleSoft Enterprise Financial Management. Customer, customer account, and AP Request information is extracted from ORMB and exported to PeopleSoft Enterprise Financial Management as single payment voucher information.
- Once the customer and refund request data is loaded into Oracle PeopleSoft Enterprise Financial Management, by the integration product, the standard voucher build process must be executed. The customer and refund request data can be loaded using a scheduled process or manually by running the process through the standard user interface provided within the Oracle PeopleSoft Enterprise Financial Management UI.
- Ensure that you have set up a single payment vendor to represent the ORMB refund customers.
- It is also necessary to pre-configure an accounting entry template in Oracle PeopleSoft Enterprise Financial Management to indicate the accounts that accompany the refund.
- The integration extracts AP Requests from ORMB where the status of the AP Request is ‘N’ indicating the AP Request is ‘Not Selected for Payment’. Once the data has been integrated the integration software updates the AP Request status in ORMB to ‘R’ indicating it has been ‘Requested for Payment’.

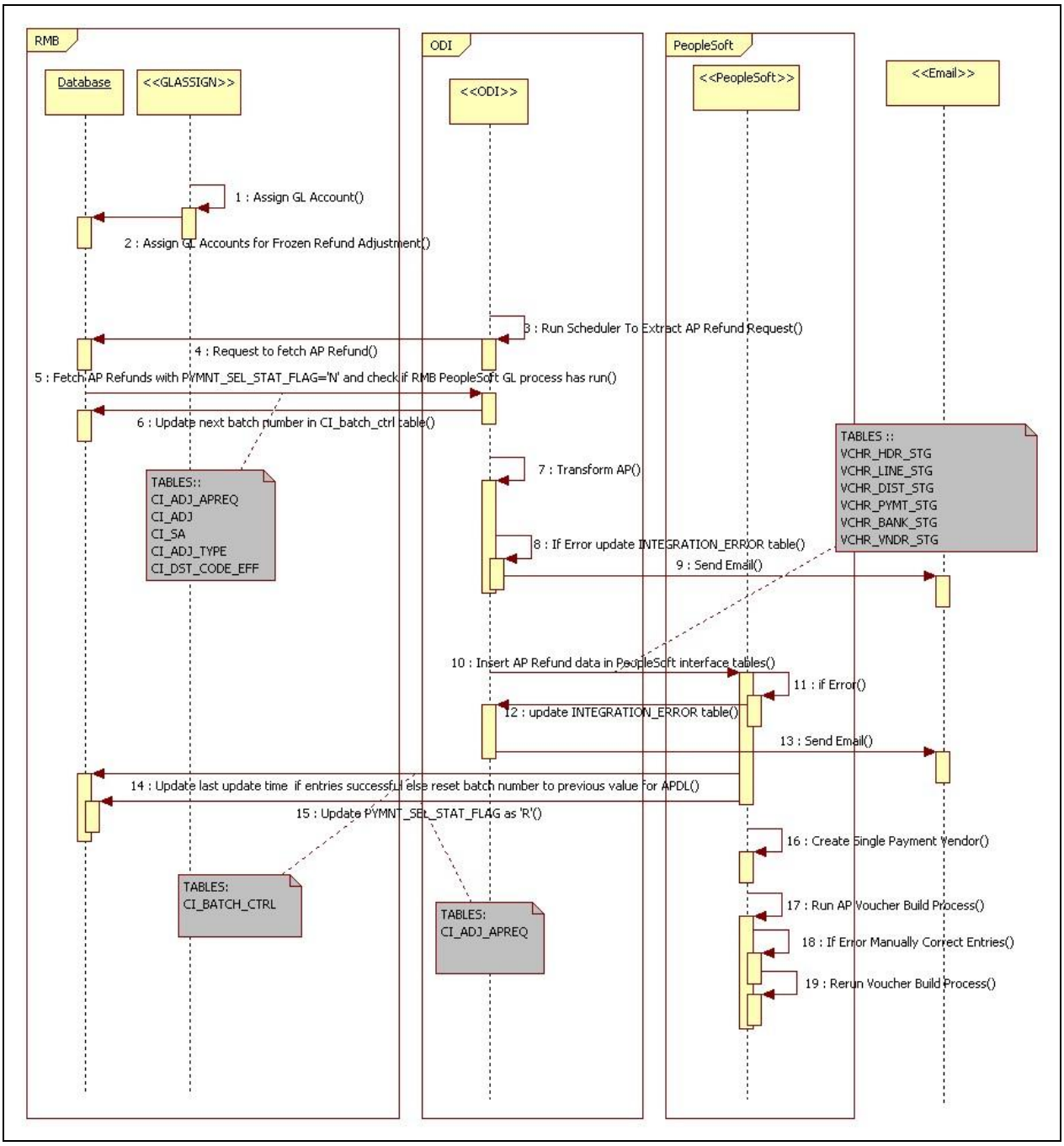


Figure 2 AP Process Flow Diagram

Following are the steps in AP Request flow:

1. Create and Freeze the Adjustment in ORMB and run GLASSIGN batch program. (Ref: Steps 1 & 2 in flow diagram)
2. ODI extracts AP Refund Request information from ORMB. (Ref: Steps 3 , 4 & 5 in flow diagram)
3. ODI updates the Next_Batch_Nbr for APDL in CI_Batch_Ctrl table in ORMB (Ref: Steps 6 in flow diagram)
4. ODI process transforms and inserts the data into PS AP Voucher Build Interface tables. (Ref: Steps 8 to 13 in flow diagram)
5. ODI updates the status of A/P Request in ORMB (Ref: Steps 14 & 15 in flow diagram)
6. In case of an error, ODI decrements the Next_Batch_Nbr for APDL in CI_Batch_Ctrl table in ORMB (Ref: Steps 14)
7. Run AP Voucher Build Process in PeopleSoft to import Invoices. Any errors in Interface tables must be corrected in Oracle PeopleSoft Enterprise Financial Management. (Ref: Steps 18 & 19 in flow diagram)

2.2.3 Account Payable Data Process

The AP Data transactions are written in one direction from PeopleSoft to ORMB. Following are the steps for Account Payable Data process:

- Payment information for system-generated checks is created and processed in PeopleSoft, then exported to ORMB.
- This Payment information corresponds to the AP Refund Requests originally generated in ORMB and exported to PeopleSoft for payment processing.
- The AP Data Integration Point updates the original AP Request in ORMB with the details of the payment including the check number and date.
- Once a payment has been created in PeopleSoft and the information is integrated to ORMB, the AP Request status in ORMB is updated to ‘P’ indicating that the AP Request has been paid. Additional statuses that can occur include ‘C’ – Closed or on Hold and ‘X’ – Cancelled.

Please refer to the table below to review how canceled payments are handled.

PeopleSoft	ORMB AP Request Resulting Action	ORMB Adjustment Resulting Action
Payment is completed	Payment information updated and status changes to “P” for Paid	No change
Payment stopped and placed on hold	Payment status changes to “C” for Closed	No change
Payment is re-issued	Payment information updated and status changes to “P” for Paid	No change
Payment is cancelled and the liability is closed	Payment status changes to “X” for Cancelled	Adjustment is cancelled

Payment Cancellation Process

When a payment is cancelled in Oracle PeopleSoft Enterprise Financial Management, the following options are available:

Re-Open/ Re-Issue

If a check is cancelled for any reason in Oracle PeopleSoft Enterprise Financials for General Ledger and Accounts Payable, new information is updated on the AP Request in ORMB and AP Request status is set to 'C' indicating that the AP Request has been closed. The AP Request in ORMB only holds the most recent check information sent (no history of checks re-issued).

A new payment schedule is created for the voucher and is picked up for payment processing by the pay cycle. When the payment is re-issued, the new payment information is sent to ORMB and the AP Request status in ORMB is set to 'P' indicating that the AP Request has been paid. A payment cannot be re-issued if the corresponding voucher is posted.

Re-Open/Hold

If a payment is stopped or voided to be re-opened and put on hold, the cancellation information is sent to ORMB as updates to the AP Request. The AP Request payment status flag in the ORMB is set to 'C' indicating a 'Closed' status. This affects only the AP Request, the adjustment in ORMB is not impacted.

Do not Re-Issue/Close Liability

If the payment is voided or stopped and all liabilities are closed, the integration cancels the AP Request and calls a service in ORMB to cancel the adjustment related to the request. The AP Request payment status flag in ORMB is set to 'X' indicating a 'Cancelled' status. The adjustment transaction is also cancelled using the standard adjustment maintenance object within the ORMB application software.

An ORMB adjustment cancellation algorithm, named CI_ADCA-CRTD – 'Adjustment Cancellation – Create To Do Entry', should be configured to create a To Do List entry to notify the users about the cancellation of the adjustment and AP Request within ORMB. If this algorithm is configured for the adjustment type used for AP Refunds, the ORMB system creates a To Do Entry when an adjustment of this type is cancelled.

The adjustment cancellation algorithm is shipped and documented as part of standard ORMB application software.

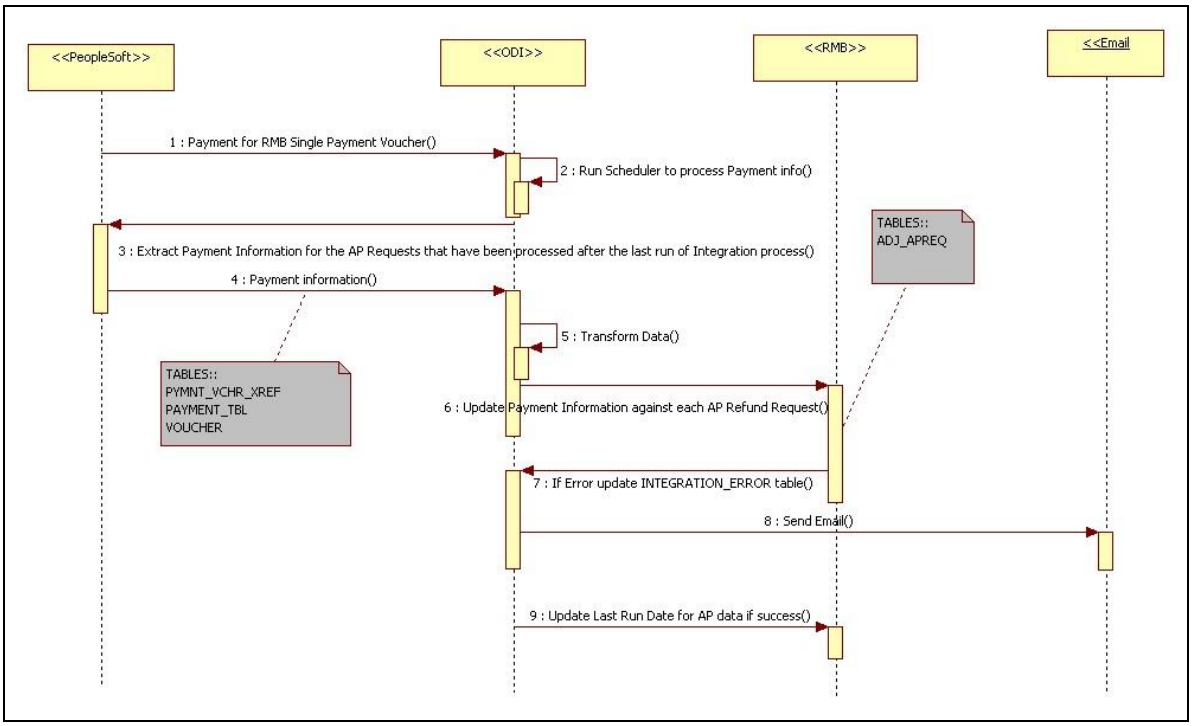


Figure 3 AP Data Process Flow Diagram

Following are the steps in AP Data process flow when a payment is made in PeopleSoft:

1. Payment is made in PeopleSoft for invoices originated from ORMB. (Ref: Step 1 in flow diagram)
2. ODI transforms and updates the payment information in ORMB and reports any errors in transformation (Ref: Steps 2 to 8 in flow diagram)
3. ODI updates the Last Run Date of AP Data Process in the Integration Schema. (Ref: Step 9 in flow diagram)

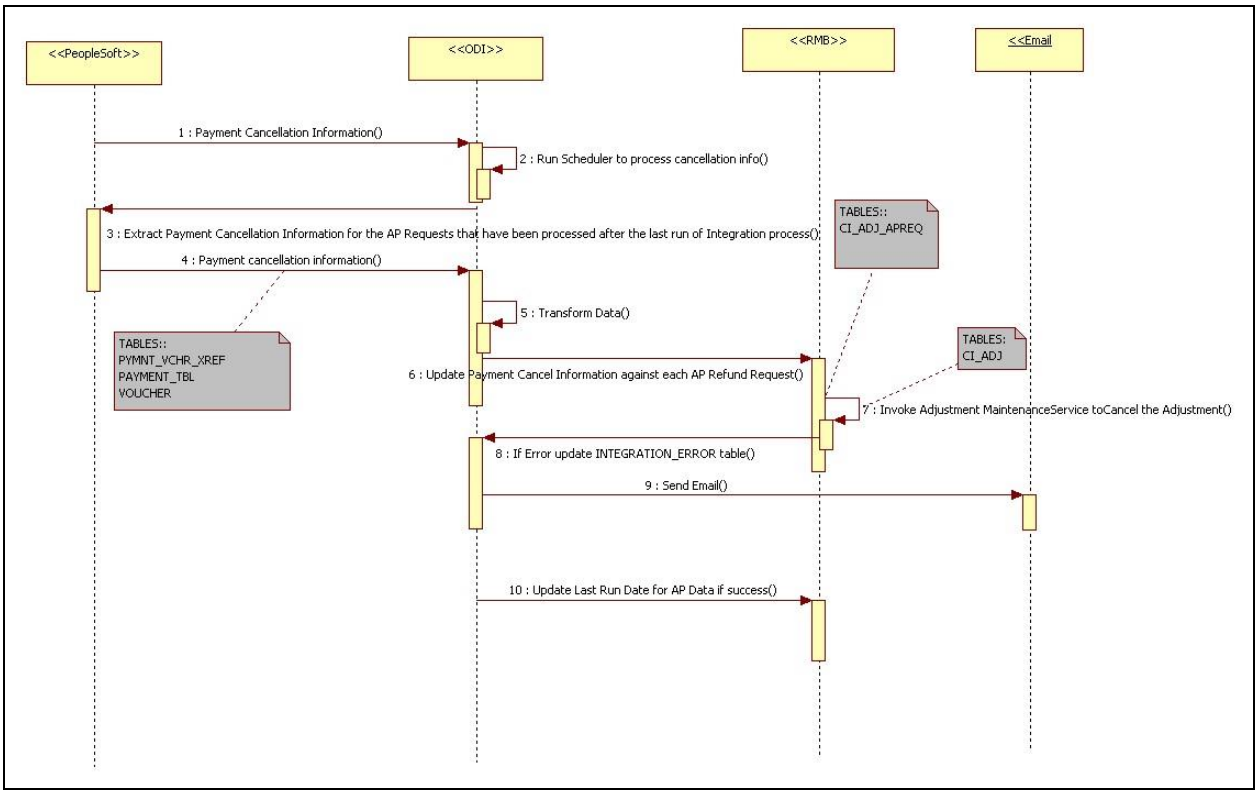


Figure 3 AP Cancellation Data Process Flow Diagram

Following are the steps in the AP Data process flow when a payment is cancelled in PeopleSoft.

1. Payment is cancelled in PeopleSoft for invoices originated from ORMB (Ref: Step 1 in flow diagram)
2. ODI updates the cancellation information in ORMB. (Ref: Steps 2 to 9 in flow diagram) and reports any errors in the transformation.

Note: The C1AdjustmentMaintenance Service is invoked to cancel an adjustment in ORMB.

3. ODI updates the Last Run Date of AP Data process in Integration schema. (Ref: Step 10 in flow diagram)

2.3 Best Practices

The following sections provide business information helps achieve accurate and error-free movement of data between ORMB and PeopleSoft.

Note: Detailed configuration settings specific to the integration are provided in the section Configuring the Integration. Refer to product specific documentation for information on how to complete product specific configuration tasks.

2.3.1 One-Time Configuration Settings

Following are the one-time configuration settings that must be coordinated manually to ensure proper results from the movement of data between the two applications.

General Ledger Configuration

Oracle PeopleSoft Enterprise Financial Management General Ledger is the source of truth for all General Ledger information. Oracle Revenue Management and Billing is considered to be the sub-ledger. It is assumed that the General Ledger has already been configured to accommodate you business needs.

Distribution Codes

ORMB uses distribution codes to map sub-ledger transactions to the General Ledger Accounts. As part of the ORMB setup, it is assumed that you have properly mapped your distribution codes to the General Ledger chart of accounts.

General Ledger Divisions for Non-Integrated Transactions

For transactions created in ORMB which should not be integrated to the General Ledger you must configure a separate General Ledger Division for these transactions. You must then configure the integration product to distinguish which General Ledger Division must be integrated with the General Ledger.

2.3.1.1 General Ledger Integration

Oracle PeopleSoft Enterprise Financial Management General Ledger accounts is structured using account segments. These accounts are set up in the existing PeopleSoft Enterprise Financial Management configuration according to your business practices. The ORMB distribution codes must be configured to mirror the segments in PeopleSoft. The segment positions are separated by dots '.' in ORMB so that the first segment is Account, the second segment is Department ID, and so on.

Create your chart of accounts in the PeopleSoft Enterprise Financial Management General Ledger then set up your ORMB distribution codes to be mapped to the General Ledger account structure using dot separators.

You should understand the differentiation between GL accounts and ORMB customer billing account properly. A customer billing account is the information associated with a customer that is used in the ORMB payment and billing process, and does not relate to the PeopleSoft Enterprise Financial Management accounting definition of account (General Ledger Account). The ORMB distribution code translates to the PeopleSoft Enterprise Financial Management general ledger account.

Oracle PeopleSoft Enterprise Financial Management General Ledger Settings

Configure General Ledger settings in Oracle PeopleSoft Enterprise Financial Management General Ledger according to the following guidelines, keeping in mind that Oracle PeopleSoft Enterprise Financial Management General Ledger is the source of truth for the general ledger.

- **Journal Generator Process**: Schedule the Journal Generator process to create journal vouchers from ORMB information inserted into interface tables by the integration software. When you configure PeopleSoft Enterprise Financial Management to run this process automatically at a preset time please ensure you have matched this timing with the timing of other actions completed by ORMB and the integration product. Alternatively you may use the standard user interface within PeopleSoft Enterprise Financial Management to run the Journal Generator process manually.
- **Accounting Entry Definition**: If not already configured, pre-configure an accounting entry definition in PeopleSoft Enterprise Financial Management to indicate the staging table where incoming accounting entries should be stored, and the mapping from staging table fields to active chart fields. Ensure that all mandatory fields on the staging tables are mapped.
- **Journal Generator Template**: If not already configured, pre-configure a Journal Generator Template in PeopleSoft Enterprise Financial Management to set the journal processing defaults for incoming ORMB data.
- The integration software relies on other PeopleSoft Enterprise Financial Management configuration information including: Business Unit, Calendars, Ledger groups and Ledger. These are generally configured as part of your implementation. If these do not already exist please configure them for the Integration software to run correctly.

Oracle Revenue Management and Billing General Ledger Settings

Configure General Ledger settings in Oracle Revenue Management and Billing according to the following guidelines, keeping in mind that Oracle PeopleSoft Enterprise Financial Management General Ledger is the overriding source for the general ledger.

- Schedule the GLASSIGN and GLS batch processes to run at an appropriate time of day. These processes fetches sub ledger information in Oracle Revenue Management and Billing and all information that has not been posted to the General Ledger, ensuring readiness to extract, transform and load to the General Ledger. When you configure Oracle Revenue Management and Billing to run this process automatically at a preset time, ensure you have coordinated this timing with the timing of other actions done by PeopleSoft and the integration product. (Alternatively you may use the standard user interface within Oracle Revenue Management and Billing to run these batch processes manually).
- Ensure that Distribution Codes are configured in Oracle Revenue Management and Billing to properly reflect the General Ledger accounts that must be debited and credited for each type of financial transaction created.

Integration Software General Ledger Settings

As part of the technical configuration you must configure the following information:

- E-mail address of the person to be notified if the integration software detects and logs an error while performing the integration
- The Ledger ID, Ledger Source and Ledger Category to be used for journal voucher lines in Oracle PeopleSoft Enterprise Financial Management that are fetched from Oracle Revenue Management and Billing through the integration.
- If you enter an Oracle Revenue Management and Billing GL Division name in the configuration table then only then the financial transactions associated with this GL Division are extracted for integration to Oracle PeopleSoft Enterprise Financial Management GL. If you want all Oracle Revenue Management and Billing financial transactions to be integrated to Oracle PeopleSoft Enterprise Financial Management GL maintain this parameter as “ALL”

Accounting

The following table shows the basic accounting debits and credits that can be achieved through the setup indicated above:

Oracle Revenue Management and Billing Event	Debit Account	Credit Account
Charges generated by billing	Accounts Receivable	Revenue
Customer making payment	Cash	Accounts Receivable
A/P Request adjustment	Accounts Receivable	Accounts Payable Clearing

2.3.1.2 Accounts Payable (A/P) Request and A/P Data Integrations

Oracle PeopleSoft Enterprise Financial Management General Ledger A/P Settings

The PeopleSoft Enterprise Financial Management AP Voucher Build Application Engine Process (AP_VCHRBLD) is run as scheduled to read the data from the AP Voucher Build Interface tables and create single payment vouchers corresponding to the RMB AP Requests.

PeopleSoft Enterprise Financial Management single payment vendors are used to identify standard customer related information used for all AP Requests coming from ORMB. These must be setup in PeopleSoft Enterprise Financial Management for the integration to process these transactions correctly.

Configuration needed for AP Request and AP Payment integrations includes:

- **PeopleSoft Enterprise Financial Management AP Voucher Build Application Engine Process**: Schedule this process to create AP Vouchers from Oracle Revenue Management and Billing information inserted into interface tables by the integration product software. When you configure PeopleSoft Enterprise Financial Management to run this process automatically at a preset time please ensure you have matched this timing with the timing of other actions done by Oracle Revenue Management and Billing and the integration product. (Alternatively you may use

the standard user interface within PeopleSoft Enterprise Financial Management to run the PeopleSoft Enterprise Financial Management AP Voucher Build Application Engine Process manually).

- **Single Payment Vendor**: Pre-configure a single payment vendor in PeopleSoft Enterprise Financial Management to accommodate payments sent to customers within Oracle Revenue Management and Billing. A PeopleSoft Enterprise Financial Management single payment vendor translates the concept of a customer from Oracle Revenue Management and Billing to the concept of vendor in PeopleSoft, and helps avoid the creation of a new vendor for every customer that needs to be issued a payment. The single payment vendor record holds default information for customers from Oracle Revenue Management and Billing. If you have already set up single payment vendor you can choose to use the existing vendor. No Oracle Revenue Management and Billing specific setup is required while configuring the single payment vendor for this integration point.
- **Accounting Entry Template**: Pre-configure an accounting entry template in PeopleSoft Enterprise Financial Management to indicate the accounts that accompany the refund. Each voucher that comes from the Oracle Revenue Management and Billing system is accompanied by a General Ledger account. An Accounting Entry template is needed in PeopleSoft Enterprise Financial Management to define the off-set account for the incoming Oracle Revenue Management and Billing account. If you have already set up an accounting entry template you can choose to use the existing template. No Oracle Revenue Management and Billing specific setup is required while configuring the accounting entry template for this integration point.
- **Payment Terms Code**: Create a new payment terms code for processing the payments for Oracle Revenue Management and Billing customers. This payment terms code needs to be of the type 'Single Payment'. These codes are used to define defaults for when payments should be made based on the invoice date, which status should be paid, any applicable discounts, rebates etc.

Note: Refer to the Oracle PeopleSoft Enterprise Financial Management General Ledger User documentation for specific guidelines on configuring these settings.

Oracle Revenue Management and Billing A/P Settings

Configure Accounts Payable settings in Oracle Revenue Management and Billing according to the following guidelines, keeping in mind that Oracle PeopleSoft Enterprise Financial Management General Ledger is the overriding source for the general ledger account information.

- **Division**: The Oracle Revenue Management and Billing Division characteristic value for A/P Operating Unit must match the A/P Org ID in PeopleSoft.
- **Characteristic for Distribution Code**: An Oracle Revenue Management and Billing characteristic associated with the distribution code assigned to an adjustment type used to create A/P Requests in Oracle Revenue Management and Billing must be setup and its value must match the value in the Accounting Combinations defined in Oracle PeopleSoft Enterprise Financial Management General Ledger.

Note: Refer to the Oracle Revenue Management and Billing User documentation for more information on the configuration settings referenced in this section.

Integration Software A/P Settings

The integration product extracts the A/P Requests that have not been processed yet from Oracle Revenue Management and Billing. After the necessary translations and transformations on the Supplier/Invoice data extracted from Oracle Revenue Management and Billing are applied, the data is loaded into the Oracle PeopleSoft Enterprise Financial Management A/P Invoice Interface tables.

This integration product requires you to configure the following:

- E-mail address of the person to be notified if the integration software detects and logs an error while performing the A/P Request and A/P Data integrations.
- The AP Voucher information required by PeopleSoft Enterprise Financial Management including build keys, Voucher Style, and Vendor Set ID.
- The Single Vendor ID, Location, Address Sequence Number, Payment Terms code, AP Rate Type, Multiplier, Division, Match Action, Voucher Source, Physical Nature Code, AP Business Unit Code, Bank Code, Bank account key, payment method, payment handling code, and the ORMB characteristic types holding the PeopleSoft Enterprise Financial Management AP Business Unit must all be setup to valid values in the integration settings table.
- The AP data remit vendor must be set to valid values in the integration settings table.

Accounting

The following shows the basic accounting debits and credits that can be achieved through the above A/P setup:

Event	Debit Account	Credit Account
A/P Request Adjustment in Oracle Revenue Management and Billing (as part of the General Ledger Integration)	Accounts Receivable	Accounts Payable Clearing
A/P Invoice Created in PeopleSoft	Accounts Payable Clearing	A/P Liability
A/P Invoice Payment in PeopleSoft	A/P Liability	Cash

2.4 Solution Flow

2.4.1 Integration Prerequisites

Following are the prerequisites the integration:-

1. ORMB application installed and running
2. PeopleSoft v9.2 application installed and running
3. ODI v12.1.3.0.0 installed and running.

Note: For more information, refer to *ORMB-PeopleSoft Integration Guide*.

2.4.2 ODI Process Flow

ODI uses standard data mapping at the database level to extract, transform and load data to fetch it from the source database system and insert into the target database system. After the source system generates financial data:

- ODI extracts and consolidates the financial data.
- ODI then transforms the data into the appropriate format for loading into the target system.
- ODI then loads the data into the appropriate interface table in the target.
- When the target system receives this data, it validates and converts imported data into the appropriate format of entries in the target application.

2.4.3 Solution Diagram for Integration using ODI

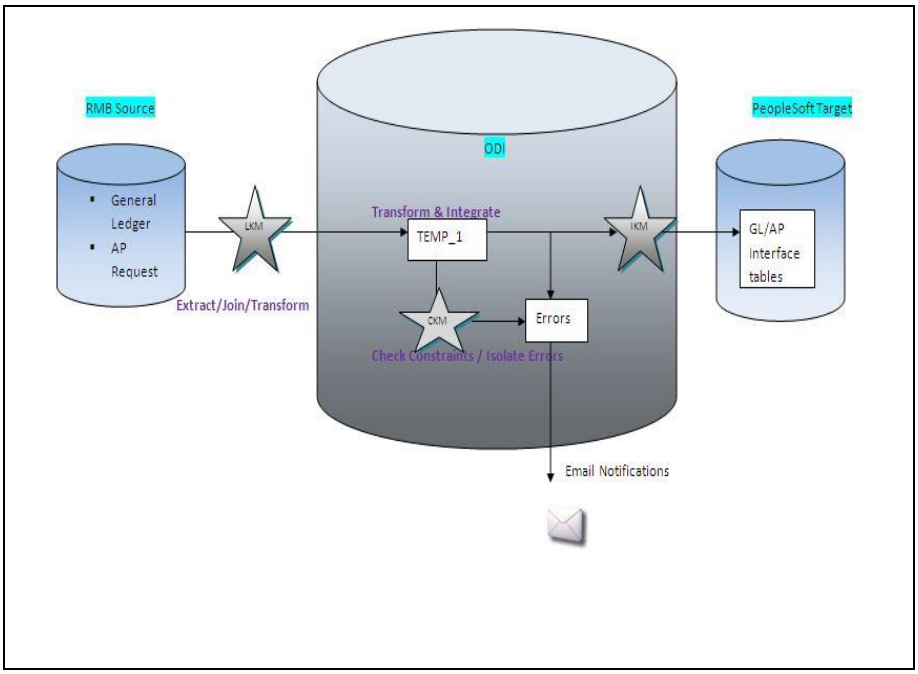


Figure 1 GL and AP Request Solution Flow Diagram from ORMB to PeopleSoft

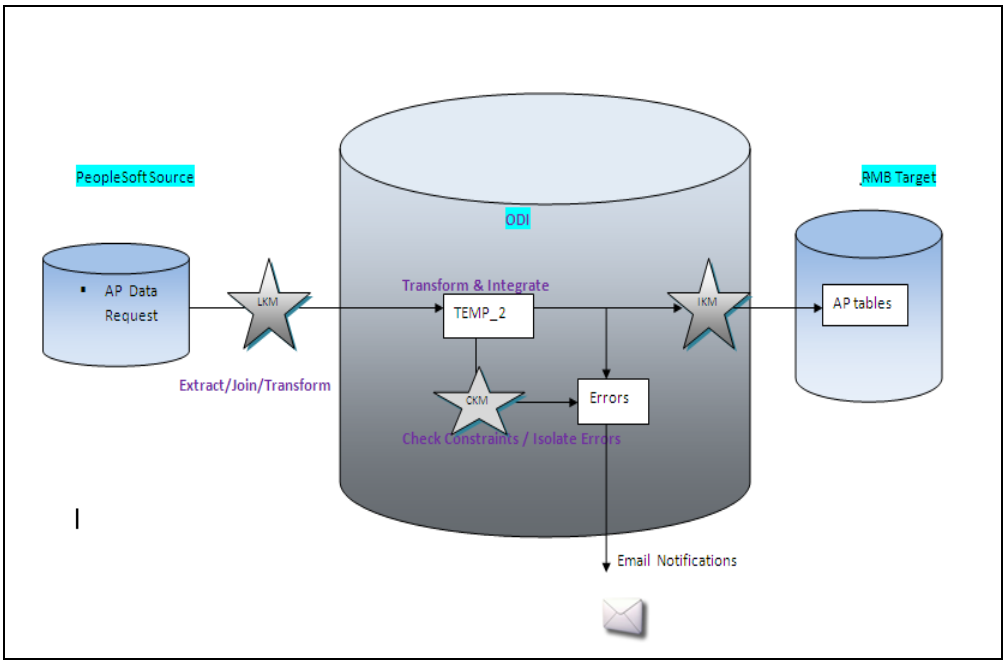


Figure 2 AP Data Solution Flow Diagram from PeopleSoft to ORMB

Knowledge Modules (KM) implement "how" the integration processes occur. Each Knowledge Module type in the diagrams above (LKM/CKM/IKM) refers to a specific integration task. A Knowledge Module is a code template for a given integration task. This code is independent of the Declarative Rules to be processed. At design-time, the Declarative Rules describing integration processes are created. These Declarative Rules are merged with the Knowledge Module to generate code ready for runtime. At runtime, Oracle Data Integrator sends this code for execution to the source and target systems to load, join and transform the data.

Above figure 1 & figure 2 show the data flow automatically generated by Oracle Data Integrator (ODI) to load the final target tables. The business rules (data mapping/transformation rules) will be transformed into code by the Knowledge Modules (KM). The code produced will generate several steps. These steps will extract and load the data from the source tables to the staging area (Loading Knowledge Modules - LKM). Others internal ODI stages will transform and integrate the data from the staging area to the target tables (Integration Knowledge Module - IKM).

In case of Figure 1:- Source ORMB - Staging area ODI - Target PeopleSoft. (GL/AP Request)

In case of Figure 2:- Source PeopleSoft - Staging area - Target ORMB. (AP data Request)

To ensure data quality, the Check Knowledge Module (CKM) will apply the user defined constraints to the staging data to isolate erroneous records in the ODI Error Table.

At this point we have the source database (either PeopleSoft or ORMB), ODI database for the master and work repositories (2 schemas) and the target database (either PeopleSoft or ORMB).

2.4.4 Database Details for Integration

The following table shows the integration process, source application, target application, tables, and process used to load the data that is imported from the other system.

General Ledger as PeopleSoft

Integration Process	Source System	Target System	Process	Integration Process
General Ledger	ORMB	PeopleSoft	Journal Import	PS_JGEN_ACCT_ENTRY
AP Request	ORMB	PeopleSoft	Voucher Build	PS_VCHR_HDR_STG, PS_VCHR_LINE_STG, PS_VCHR_DIST_STG, PS_VCHR_PYMT_STG, PS_VCHR_VNDR_STG
AP Data	PeopleSoft	ORMB	The appropriate AP Request within ORMB	The appropriate AP Request within ORMB

The following new database tables are required to operate ORMB process integration for the PeopleSoft product.

Table	Description
INTEGRATION_LOOKUP_TABLE	A lookup table to store all the configuration parameters used by the ODI processes. This table is also used to configure the email addresses to be notified in case of any error. This table is seeded with data at the time of integration product installation.
INTEGRATION_ERROR_STORE	The table holds the information of the errors encountered during the integration transactions. For each error encountered by the ODI processes, a record is inserted in the INTEGRATION_ERROR_STORE table. The mail notification process, MailNotification, accesses this table to get the error information needed to construct the notification email. This table is delivered with no data.

2.4.4.1 GL Integration Point

RMB

The following ORMB tables are used when extracting Financial Transaction data for sending to the GL as Journal Vouchers:

- CI_FT
- CI_FT_GL
- CI_DST_CODE_EFF
- CI_FT_PROC (FT Process)
- CI_BATCH_CTRL (Batch Control)
- CI_BATCH_RUN
- CI_BATCH_JOB

PeopleSoft

PS_JGEN_ACCT_ENTRY is used to stage the incoming accounting entries from ORMB.

2.4.4.2 AP Request Integration Point

RMB

The following tables are used when extracting AP Request information from ORMB:

- CI_ADJ_APREQ
- CI_ADJ
- CI_SA
- CI_ACCT
- CI_ACCT_PER
- CI_PER
- CI_PER_NAME

PeopleSoft

The following AP Invoice staging tables are used to stage the incoming AP Requests from ORMB:

- PS_VCHR_HDR_STG
- PS_VCHR_LINE_STG
- PS_VCHR_DIST_STG
- PS_VCHR_PYMT_STG
- PS_VCHR_VNDR_STG

2.4.4.3 AP Data Integration Point

RMB

The CI_ADJ_APREQ application table is updated with the payment Information received from PeopleSoft. This table is considered as an interface table for the purpose of this integration point even though it is a core ORMB table.

PeopleSoft

No Oracle PeopleSoft Enterprise Management interface tables are used in this integration point. The payment Information is extracted from the following application tables:

- PS_PAYMENT_TBL
- PS_VOUCHER
- PS_PYMNT_VCHR_XREF

2.4.5 Logic Used in the Integration Points

The following describes the logic used in ODI that forms part of this integration product.

2.4.5.1 GL Integration Point for PeopleSoft

ODI Polls to Verify whether FTs are ready for extraction

ODI polls RMB to verify whether financial transactions are ready for extraction.

If GLS has run since the last run of the integration

AND the GLS run has completed successfully

Retrieve the Batch of Rows identified in CI_BATCH_RUN (created by GLS)

Else

Do nothing

Update the NEXT BATCH NUMBER in CI_BATCH_CNTRL

Increment the NEXT_BATCH_NBR by 1 in CI_BATCH_CTRL WHERE BATCH_CD is GLDL

Extract Financial Transactions from RMB

Select the information shown in the table below:

FROM CI_FT_PROC, CI_FT_GL, CI_FT FT, CI_DST_CODE_EFF

WHERE the rows were marked by GLS belonging to the latest batch ready to be integrated

Summarize and group the rows

BY FTPR.BATCH_NBR, FTGL.DST_ID, FTGL.GL_ACCT, FT.CIS_DIVISION, FT.GL_DIVISION, FT.CURRENCY_CD, DST.STATISTICS_CD, FT.ACCOUNTING_DT, DST.FUND_CD

Field Name	Source/Value/Description
Source System	Set to ORMB
BATCH_NBR	The batch number for the group of FT's extracted. The batch number is assigned to the financial transaction when GLS is run.
DIST_ID	The distribution code used in ORMB to derive the GL account information. A sample data example is R – ELERES for electric residential revenue financial transactions.
GL_ACCT	The actual GL account with '.' separating the substructure numbers like department. For example 101.73653.8873..87
CIS_DIVISION	The CIS Division
GL_DIVISION	The GL Division
CURRENCY_CD	The currency of the amount, such as USD.
STATISTICS_CD	The identifier of the type of statistical amount being sent to GL such as KWH for electricity or CCF for gas.
ACCOUNTING_DT	The effective accounting date for the GL transactions
AMOUNT	The dollar amount of the GL debit or credit
STATISTIC_AMOUNT	The quantity associated with the Statics Code.

When the above is executed successfully, continue by executing the following:

Update the LAST UPDATE TIME FOR GLDL in CI_BATCH_CNTRL

Set the last update date and time by setting

CI_BATCH_CTRL LAST_UPDATE_DTTM to SYSDATE WHERE BATCH_CD = 'GLDL'

Update the NEXT BATCH NUMBER in CI_BATCH_CNTRL

Increment the NEXT_BATCH_NBR by 1 in CI_BATCH_CNTRL where the BATCH_CD is GLDL

2.4.5.2 A/P Request Integration Point for PeopleSoft

Update the NEXT BATCH NUMBER in the CI_BATCH_CNTRL

Increment the NEXT_BATCH_NBR by 1 in CI_BATCH_CNTRL where the BATCH_CD is APDL

ODI Polls to Verify whether A/P Requests are ready for Extraction

ODI Polls ORMB to verify whether A/P Requests are ready for extraction.

If there are A/P Requests where the CI_ADJ_APREQ PYMNT_SEL_STAT_FLG is N (not selected for payment)

AND the associated adjustment is in a frozen status

Process the A/P Requests that have not been integrated before and mark all with the next APDL Batch Number

Else do nothing.

Extract of Customer and A/P Refund Request

An extract of customer and A/P refund request is made from ORMB

Select the following information

AP_REQ_ID, GL_ACCT,CHAR_VAL, SA_ID, ADJ_ID, CRE_DT, ADJ_TYPE_CD, CIS_DIVISION, CHAR_VAL, ENTITY_NAME, COUNTRY, ADDRESS1, ADDRESS2, ADDRESS3, ADDRESS4, CITY, NUM1, NUM2, COUNTY, HOUSE_TYPE, STATE, POSTAL, CURRENCY_CD, CURRENCY_PYMNT, GEO_CODE, IN_CITY_LIMIT, PYMNT_METHOD_FLG, ADJ_AMT, SCHEDULED_PAY_DT

(See mapping table PeopleSoft PS_VCHR_LINE_STG Mapping to ORMB within this document for more details)

FROM CI_ADJ_APREQ, CI_ADJ, CI_SA, CI_ADJ_TYPE, CI_DST_CODE_EFF, CI_DST_CD_CHAR, CI_CIS_DIV_CHAR

Where PYMNT_SEL_STAT_FLG status flag is set to N (not selected for payment)

AND the Adjustment is frozen

Updating CI_ADJ_APREQ Status

UPDATE CI_ADJ_APREQ

SET PYMNT_SEL_STAT_FLG to R (Requested for Payment)

Update the NEXT BATCH NUMBER in the CI_BATCH_CNTRL table

Increment the NEXT_BATCH_NBR by 1 in CI_BATCH_CNTRL where the BATCH_CD is APDL

2.4.5.3 A/P Data Integration Point for PeopleSoft

Extract the Payment Information from PeopleSoft

SELECT the following information

BANK_CD, BANK_ACCT_KEY, PYMNT_ID, PYMNT_ID_REF, BANK_ACCOUNT_NUM, REMIT_VENDOR, PYMNT_AMT, PYMNT_METHOD, PYMNT_STATUS, CANCEL_ACTION, CANCEL_POST_STATUS, VOUCHER_ID, PYMNT_MESSAGE, INVOICE_ID

FROM PS_PAYMENT_TBL, PS_PYMNT_VCHR_XREF, PS_VOUCHER

WHERE REMIT_VENDOR = 'RMBVENDOR' (The Single Payment Vendor Identified in

Configuration)

AND the cancel date is greater than the last date the interface was run

OR the CANCEL_POST_STATUS is P (Paid)

OR the create date is greater than the last date the interface was run

'RMBVENDOR' is a configuration parameter.

For each payment selected above, check if this payment is already applied in RMB

If PS_PAYMENT_TBL.CANCEL_DT<> Null and PS_PAYMENT_TBL.CANCEL_ACTION IN

('C','H','R') (This payment has been cancelled after it was created)

If PS_PAYMENT_TBL.CANCEL_POST_STATUS='P' (This cancellation is posted)

If the Payment has been canceled in PeopleSoft and the liability has been closed update the CI_ADJ_APREQ PYMNT_SEL_STAT_FLG to "X" (Canceled) and Invoke the service C1AdjustmentMaintenance to cancel the Adjustment corresponding to this payment.

2.4.6 Process Scheduling

Depending on the size and complexity of the accounting system and business practices, transactions generated in either of the participating applications are sent to the alternate application as per a daily or weekly schedule. The information transfer between applications is scheduled as per frequency most appropriate for the organization. Agent feature in ODI can be used for scheduling the scenarios for various flows. Agent needs to be running for scheduler to work. Ensure all the schema details for the repositories are configured in odiparams file. Please refer to ODI specific documentation for further information on scheduling.

2.4.7 Trouble Shooting

2.4.7.1 E-mail Notification

During the main integration processes, if any error occurs, the errors are logged in the Integration Error table, INTEGRATION_ERROR_STORE and the notification sub process is invoked. The e-mail notification sub process reads the information in the error table and sends an e-mail notification, based on settings configured for the integration layer. This e-mail contains the following information:

- Subject: "Source System" "Target System"
- Body
- Source system
- Integration batch number
- Error Code
- Error Summary
- Error Message

Note: For all errors encountered during GLS/GLASSIGN jobs run or while running programs in PeopleSoft are to be rectified manually in the respective systems.

2.4.7.2 Any Integration Point

Error Scenario	Process	Details	Resolution
System or Network Down	ODI	If the ODI shuts down in the middle of an integration process.	If the ODI shuts down goes down in the middle of a long running process, a re-run should be performed.

3. Physical Data Model

No changes to the existing data model in ORMB due to this integration.

4. Configuration

4.1 Configuring the Integration

Configuration check list for PeopleSoft

Step	Information	Comments
A1	GL Business Unit	Identify and document the GL Business Unit(s) to be used with the integrated data. Example: **US001**. This is used in checklist steps **B1** and **D16**.
A2	Accounting Entry Definition	Identify or Create the accounting entry definition that will be used with the Journal Generator process. This definition is used as an input parameter for the Journal Generator Process. It specifies the staging table from which the Journal Generator fetches the accounting data. Your definition must specify the PS_JGEN_ACCT_ENTRY table. An example is the **GENERIC** accounting entry definition.
A3	AP Business Unit	Document the AP Business Unit(s) to be used with the integrated data. Example: **US001**. This is used in checklist step **B4**.
A4	AP Single Payment Vendor	Create and document the Single Payment Vendor to be used with the integrated data. Example: **RMBVENDOR**. This is used in checklist steps **D7** and **E2**.
A5	Payment Terms Code	Create or document the payment terms code to be used for paying AP vouchers coming from ORMB. Example: **07** (**RMBREFUND**). This is used in checklist step **D10**.
A6	Accounting Entry Template	Identify and document the Accounting Entry Template to be used with the integrated data. This template defines the offset account. Example: **STANDARD**. This is used in checklist step **B3**.

Configuration Check List for ORMB

Step	Information	Comments
B1	GL Division	Configure the GL Division(s) to be used in the integration. Example: US001. This must exactly match the GL Business Unit, in step A1 above.
B2	Distribution Codes	Configure your distribution codes. For more details see GL Integration Point required setup. Example: 111.222.333…. With '111' corresponding to Account '222' corresponding to Department ID, and so on. See details of all mapping segments later in this document.
B3	Accounting Entry Template Characteristic Type	Configure a characteristic type to hold the value of the Accounting Entry Template to be used. Example characteristic type: RMBTMPLT. This is used in checklist step D22. The value you create in this characteristic (Example: STANDARD) must match that was documented in step A6.
B4	AP Business Unit Characteristic Type	Configure a characteristic type to hold the value of the AP Business Unit to be used. Example characteristic type: PSBU. This is used in checklist step D23. The value you create in this characteristic (Example: US001) must match what you documented in step A3.
B5	Verify Service and Cancel	Verify that the cancel service C1AdjustmentMaintenance and the cancel reason it refers to are configured correctly.
B6	Link the characteristic type created in step B4 with the Division	The Division you are using (Example: CA) will now have a characteristic type linked to it (Example: PSBU) that holds the name of the AP Business Unit to use (Example: US001).
B7	Link the characteristic type created in step B3 with the appropriate distribution codes.	For each distribution code, linked with an adjustment type that has an associated AP Request configured, you must link the characteristic type that indicates the accounting entry template. The distribution code you are using (Example: AP-OVPY) will now have a characteristic type linked to it (Example: RMBTMPLT) that holds the name of the Accounting Entry Template to use (Example: STANDARD).

Configuration Check List for Integration Product (ODI)

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
C1	RMB.PS.GL.EMAIL	abc.gl@xyz.com	Enter the e-mail address to be notified if errors occur in the GL integration point.
C2	RMB.PS.GL.LINE_DESCR	RMB Journal Line.	The Journal Voucher line description to be used.
C3	RMB.PS.GL.APPL_JRNL_ID	UGBURMB	This is journal generator template and it is used in conjunction with the Accounting Entry Definition by the GL Integration point.
C4	RMB.PS.GL.LEDGER	UGBURMB	Create or identify the ledger to be used.
C5	RMB.PS.GL.LEDGER_GRO UP	UGBURMB	Create or identify the ledger group to be used.
C6	RMB.PS.GL.GL_DIVISION	US1	If this value is blank, then financial transactions associated with all GL divisions in ORMB are integrated. If this column has a value, then only financial transactions associated with this specific GL Division indicated are integrated.
C7	RMB.PS.GL.CUSTOM.TRANS.FLAG	N	Set this flag 'Y' for selecting Custom transformation flow for GL. Set this to 'N' for selecting the default transformation.

Note: No user interface exists in this release. Use approved database tools to set column values.

Configuration is done in the INTEGRATION_LOOKUP_TABLE (AP Request Integration Point). Most of these columns receive a default value as part of the installation of the product. You may choose to override the default if required.

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
D1	RMB.PS.AP.EMAIL		Enter the e-mail address to be notified if errors occur in the AP Request integration point. Example abc.ap@oracle.com.
D2	RMB.PS.AP.VCHR_BLD_KEY_N1	0	Voucher Build Key Num 1
D3	RMB.PS.AP.VCHR_BLD_KEY_N2	0	Voucher Build Key Num 2
D4	RMB.PS.AP.VOUCHER_STYLE	SGLP	This indicates a Single Payment voucher style to the system.

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
D5	RMB.PS.AP.VENDOR_SETID	SHARE	Vendor SetID
D6	RMB.PS.AP.VENDOR_ID	RMBVENDOR	Vendor ID. This must match the vendor ID setup in step A4. Example: RMBVENDOR.
D7	RMB.PS.AP.VNDR_LOC	1	Vendor Location
D8	RMB.PS.AP.ADDRESS_SEQ_NUM	1	Address Sequence Number
D9	RMB.PS.AP.PYMNT_TERMS_CD	07	Payment Terms ID. This must match that was documented in step A5.
D10	RMB.PS.AP.RT_TYPE	CRRNT	Rate Type
D11	RMB.PS.AP.RATE_MULT	1	Rate Multiplier
D12	RMB.PS.AP.RATE_DIV	1	Rate Divisor
D13	RMB.PS.AP.MATCH_ACTION	N	Match Action
D14	RMB.PS.AP.VCHR_SRC	XML	Voucher Source
D15	RMB.PS.AP.BUSINESS_UNIT_GL	US001	GL Business Unit. This must match that was documented in step A1.
D16	RMB.PS.AP.PHYSICAL_NATURE	S	Physical Nature
D17	RMB.PS.AP.BANK_CD	USBNK	Bank Code
D18	RMB.PS.AP.BANK_ACCT_KEY	CHCK	Bank Account
D19	RMB.PS.AP.PYMNT_METHOD	CHK	Payment Method
D20	RMB.PS.AP.PYMNT_HANDLING_C D	RE	Payment Handling
D21	RMB.PS. AP.CHAR_TYPE_CD	TEMPLATE	Characteristic Type to store the PS Accounting Entry Template. This must match details documented in step B3. Example: RMBTMPLT.
D22	RMB.PS. AP. CHAR_TYPE_CD_BU	PSBU	Characteristic Type to store PS AP Business Unit. This must match details documented in step B4. Example: PSBU.

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
D24	RMB.PS.AP.DST_CNTRL_ID	RMBTMPLT	
D25	RMB.PS.MAIL_HOST		Enter the mail host IP address.
D26	RMB.PS.AP.CUSTOM.TRANS.FLAG	N	Set this flag 'Y' for selecting Custom transformation flow for APREQ. Set this to 'N' for selecting the default transformation.

Configuration is done in the INTEGRATION_LOOKUP_TABLE (AP Data Integration Point):

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
E1	PS.RMB.APDATA.EMAIL	abc@oracle.com	Enter the e-mail address to be notified if errors occur in the AP Data integration point.
E2	PS.RMB.APDATA.REMIT_VENDOR	RMBVENDOR	Remit Vendor. This must match details documented in step A4.
E3	PS.RMB.APDATA.LASTRUNDTT M	01-01-2011 10:01:01	Last updated time of ODI process run. This is used to determine the payment data to be extracted and moved across the integration point. This column is updated by the integration application each time it is run.
E4	PS.RMB.CANCEL.CANCEL_REA SON	APVC	Cancel reason code. This must match the cancel reason setup in ORMB.
E5	RMB.PS.APDATA.WEBSERVICE.WSDL		Enter the Webservice WSDL for calling the webservice.
E6	RMB.PS.APDATA.WEBSERVICE.RESPDIR		Enter the Response Directory path for storing the Webservice response.
E7	RMB.PS.APDATA.WEBSERVICE.RESPTOUT		Enter the Webservice response timeout.
E8	RMB.PS.APDATA.WEBSERVICE.HTTPUSER		Enter the Application User ID for calling the webservice.

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
E9	RMB.PS.APDATA.WEBSERVICE.HTTPENCPWD		Enter the application password encoded using the ODI utility. Go to the command prompt and change directory to the ODI domain home \bin. Type command: encode <password> For example: <ODI_DOMAIN_HOME>\bin>encode Password The encoded password is generated as a7yXbeCWoU7d4kOCwvmOu3O2y. Enter this value in INTEGRATION_LOOKUP_TABLE to be used by ODI to call the web service.
E10	RMB.PS.APDATA.CUSTOM.TRANS.FLAG	N	Set this flag 'Y' for selecting Custom transformation flow for APDATA. Set this to 'N' for selecting the default transformation.

Configuration generic to all integrations for ODI:

Step	INTEGRATION_KEY	INTEGRATION_VALUE	Comments
F1	RMB.PS.ADMIN.EMAIL	odi@odi.com	Enter the from e-mail address if error occurs in integration.

4.1.1 PeopleSoft Configuration

Configure the GL accounts and single vendor in Oracle PeopleSoft Enterprise Management.

Note: Please refer to your product-specific user documentation regarding steps to configure the GL.

4.1.1.1 GL Integration Point

For the GL integration point in the Oracle PeopleSoft Enterprise Management, only the chart of accounts, other GL definitions and settings should be configured.

You can send the RMB data to an existing GL business unit, with your existing Oracle PeopleSoft Enterprise Management configuration. If you need to segregate ORMB data by GL business unit from other financial data within the Oracle PeopleSoft Enterprise Management, you need to create a new GL Business Unit definition in the GL Definition. If you need to segregate ORMB data by GL business unit from other financial data within the Oracle PeopleSoft Enterprise Management, create a new GL Business Unit definition in the GL Definition. The GL Business Unit should be added in the implementation checklist..

If an Accounting Entry is already defined to specify the staging table from which the Journal Generator should fetch the accounting data (sent by the GL Integration Point) a new accounting entry need not be defined. The defined Account Entry should be documented in your implementation checklist.

AP Request Integration Point

Configure an AP Business Unit in Oracle PeopleSoft Enterprise Management (Optional)

You can send the RMB data to an existing GL business unit, with your existing Oracle PeopleSoft Enterprise Management configuration. If you need to segregate ORMB data by AP business unit from other data within Oracle PeopleSoft Enterprise Management, create a new AP Business Unit definition. The AP Business Unit should be added in the implementation checklist.

Identify the Accounting Entry Template

If an Accounting Entry Template is already defined to offset incoming ORMB Accounts, then a new accounting entry template need not be defined. The Accounting Entry Template should however be documented in the implementation checklist as it is used to accommodate the accounts that accompany the vouchers coming from ORMB.

Configure the Single Payment Vendor in Oracle PeopleSoft Enterprise Management

You must set up a Single Payment Vendor in Oracle PeopleSoft Enterprise Management to represent default accounting information for all of the incoming AP Requests from ORMB. Name of the Accounting Entry template in Oracle PeopleSoft Enterprise Management is required to offset the incoming ORMB Accounts. The field values described below in the table are the minimum setup values required to setup a single payment vendor. Based on the client requirements, values for the other fields may be optional.

To Configure the Single Payment Vendor in Oracle PeopleSoft Enterprise Management:

1. Open Oracle PeopleSoft Enterprise Management Financials and navigate to the Suppliers Page.

   Suppliers->Supplier Information->Add/Update->Supplier

2. Create Single Payment Vendor by selecting the **Add a New Value** tab. Choose the **Single Payment Vendor (SGLP)** persistence.
3. Use the following settings:

Field Label	Value	Comments
SetID	SHARE	
VENDOR	RMBVENDOR	This is an example value. You may use any value you wish however document it for subsequent configuration steps.
ShortName	RMBVENDOR	Example.
Name	ORMB Single Payment Vendor	Example.

Field Label	Value	Comments
Description	ORMB Single Payment Vendor	Example.
Terms Options	Default	This field denotes the payment terms of the voucher. It has two possible values: 1. Default: Values defaulted from higher level setup. 2. Specify: Terms must be specified in the Terms field.
Currency Options	Default	This field denotes the currency code specifications. Two possible values are: 1. Default: Values defaulted from higher level setup. 2. Specify: Terms must be specified in the Terms field.
Handling Options	Default	This field denotes Payment Handling options for individual payments of this vendor. Two possible values are: 1. Default: Values defaulted from higher level setup. 2. Specify: Terms must be specified in the Terms field.
Banking Options	Default	This field denotes the Banking options for this vendor. Two possible values are: 1. Default: Values defaulted from higher level setup. 2. Specify: Terms must be specified in the Terms field.

Note: Please refer to your Oracle PeopleSoft Enterprise Management documentation for further instructions.

Configure the Payment Terms Code in Oracle PeopleSoft Enterprise Management

To Configure the Payment Terms Code in Oracle PeopleSoft Enterprise Management follow these steps:

1. Open Oracle PeopleSoft Enterprise Management Financials and navigate to the Procurement Options Payment Terms Timing Codes tab.
   Set Up: **Financials/Supply Chain > Product Related > Procurement Options > Payments > Payment Terms Timing Codes.**
2. Create a Payment Terms Timing Code by selecting the **Add a New Value** tab.

   SetID: Share

Timing Definition ID: 07 (example)

3. Define additional timing code values on the Payment Terms Timing Codes screen.

Field Label	Value	Comments
SetID	SHARE	SetID
Timing ID	07	Timing Definition ID
Description	7 Days	Description
Short Description	7 Days	Short Description
Timing Basis Option	None End of Relative Month Fixed Month Day Values Specific Due Date	Timing Basis Option
Timing Adjustment	Day Increment Month Increment Year Increment	Timing Adjustment

In this example the Days Increment is set to “7” to indicate that the amount will be paid seven days after the Invoice date.

4. Create a Payment Terms Code using the Payment Terms Timing Code that was created.
   Set Up: **Financials/Supply Chain > Product Related > Procurement Options > Payments > Payment Terms-Single Payment**
5. Create a Payment Terms – Single Payment Code by selecting the Add a New Value tab.

   SetID: Share

   Timing Definition ID: 07 (example)

6. Select the desired Payment Terms Timing code in the Timing ID field to complete the creation of the Payment Terms Code.

Field Label	Value	Comments
SetID	SHARE	SetID
Description	ORMB Refund Payment Terms Code	Description
Payment Terms ID	07	Payment Terms ID
Short Description	RMBREFUND	Short Description
Effective Date	01/01/1900	Effective Date
Terms Applicability	Vendor-Only Terms	Terms Applicability
Status	Active	Effective Status
Split Net Terms	No	Split Net Terms

Field Label	Value	Comments
Basis From and To Days	01 and 31	Only apply when: Starting and Ending Day of the month
Timing ID	07	Net Terms Timing ID
Rebate Term Available	No	Rebate Term Available
Daily Rebate Percent	0	Daily Rebate Percent
Maximum Rebate	0	Maximum Rebate Percent
Discount Terms Available	No	Discount Terms Available
Discount Terms	No	Discount Terms

4.1.1.2 AP Data Integration Point

No configuration is required in Oracle PeopleSoft Enterprise Management for this integration point. Product-delivered application tables are used for selecting data from PeopleSoft to export payment information to ORMB.

4.1.2 ORMB Configuration

To configure the ORMB portion of the integration you must define settings for all three integration points. Please refer to the integration documentation for instructions regarding specific steps in ORMB.

4.1.2.1 GL Integration Point

To enable this integration point, configure the following information in ORMB:

Configure GL Division

You must map your GL Division in ORMB to the GL Business Unit in Oracle PeopleSoft Enterprise Management GL Business Unit. To map the GL Division you must know the GL Business Unit(s) you will be using within the GL and create GL Divisions in ORMB to match these exactly. You can then associate these GL Divisions with the appropriate Service Agreement Types in ORMB

Configure Distribution Codes

Map your distribution codes in ORMB with the appropriate GL Accounts in the Oracle PeopleSoft Enterprise Management GL. First configure the distribution codes and then assign them to various entities within the ORMB applications.

Oracle PeopleSoft Enterprise Management GL accounts are structured using account segments. These are set up in your existing Oracle PeopleSoft Enterprise Management configuration according to your business practices. ORMB distribution codes must be configured to mirror the segments in Oracle

PeopleSoft Enterprise Management. The segment positions in ORMB are dot '.' separated to differentiate that the first segment is Account, second segment is Department ID, and so on, as shown in the following table.

Oracle PeopleSoft Enterprise Management Account Column name	**ORMB Distribution (GL_ACCT) segment position**
ACCOUNT	Position1
DEPTID	Position 2
OPERATING_UNIT	Position 3
PRODUCT	Position 4
CLASS_FLD	Position 5
PROGRAM_CODE	Position 6
ALTACCT	Position 7
PROJECT_ID	Position 8
AFFILIATE	Position 9
AFFILIATE_INTRA1	Position 10
AFFILIATE_INTRA2	Position 11
BUDGET_REF	Position 12
CHARTFIELD1	Position 13
CHARTFIELD2	Position 14
CHARTFIELD3	Position 15

* Use a single dot (.) as the delimiter to indicate a break between positions. Use 2 dots (..) to indicate skipping a position and assigning a null value to that position.

A sample GL Account string is 400000.10000.NEWYORK.ALLPR...211004

When interpreted by standard mapping in the product, this GL Account String in the sub-ledger equates to the following in the Oracle PeopleSoft Enterprise Management GL:

- Account: 400000
- Department ID: 10000
- Operating Unit: NEWYORK
- Product: ALLPRD
- Alternate account: 211004

Only fields relevant to the integration are included in this table.

Field Label	Value	Comments
Distribution Code	Example: R-ELERES	The distribution code to be used for financial transactions of a certain type.
Description	Example: Electric residential revenue	A description of how the distribution code is used.
GL Account Algorithm	GLCNST-DFLT	The standard product, or customer modified, algorithm you use for determining the GL Account String from distribution code
GL Account Details	1 of 1	Create at least one set of account details needed by the algorithm chosen above. Only one set of account is used based on the status and effective date.
Effective Date	01-01-1900	The date on which you need to make the GL Account string active, to be used by the system, and therefore the integration software.
Status	Active	Only active status accounts are used by the product and therefore by the integration.
GL Account	400000.10000.NEWYORK. ALLPRD 211004.	Input the GL Account String as explained above.

Configure Fund Code

Note: This section is only relevant for some organizations. The Fund Code configuration is needed only if your organization practices fund accounting (this type of accounting is typically performed by municipal utilities).

If you are using fund accounting, you must map your fund codes in ORMB with the appropriate fund codes in the Oracle PeopleSoft Enterprise Financial Management. First configure the appropriate fund codes and then assign them to their respective distribution codes within the ORMB applications.

For more information about enabling Fund Accounting and configuration of Fund Code, refer to ORMB Implementation and User Guides.

Note: While setting up the fund code in ORMB, please ensure that the length of the FUND_CD does not five characters which is the maximum number of characters supported by the PeopleSoft fund code.

Configure GLASSIGN, and GLS for ORMB Extract

To successfully execute extracts from ORMB, two processes must be configured with the appropriate batch parameters and set to run on a scheduled basis. These processes can be scheduled using ORM user interface or an enterprise scheduler that meets the open architecture standards used by ORMB.

4.1.2.2 AP Request Integration Point

Configure the Accounting Entry Template Characteristic Type

For each Adjustment Type with an associated AP Request, you must identify, in ORMB, the accounting entry template to be used in Oracle PeopleSoft Enterprise Management GL. This template is used by the Oracle PeopleSoft Enterprise Management applications to determine the offset account associated with the distribution code and GL account information sent from ORMB with the AP Request information.

Complete the following configuration in ORMB to reference the Accounting Entry Template corresponding to the distribution code as follows.

1. Create a Characteristic Type.

   Admin Menu > C > Characteristic Type

The value for this characteristic type stores the value of the Oracle PeopleSoft Enterprise Management Accounting Entry Template. In this example, it is RMBTMPLT. Use the name of the template in Oracle PeopleSoft Enterprise Management Enterprise Management.

2. Set up the details on the characteristic type as follows:

Field Label	Value	Comments
Characteristic Type	TEMPLATE	The code associated with your characteristic type. This is used in future steps.
Description	Oracle PeopleSoft Enterprise Management Business	A description of the use for this characteristic type.
Type of Char Value	Predefined Value	No freeform text is allowed, only a predefined set of values.
Allow Search by Char Val	Allowed	Allow Searches
Characteristic Value	RMBTMPLT	The name of the Oracle PeopleSoft Enterprise Management Template to be used.
Description	ORMB Account Template	

3. Select the **Characteristic Entities** tab to allow the characteristic type to be associated with the distribution code:

Field Label	Value	Comments
Characteristic Entity	Distribution Code	This characteristic type can be inserted on a distribution code.

4. Attach the characteristic type, created above, to any distribution codes that will be used for AP Request Adjustments. In sample data an example is provided as the A/P – OVPY Distribution Code that is attached to the REFUNDAP Adjustment Code.

   Admin Menu > D > Distribution Code

Field Label	Value	Comments
Distribution Code	Example: A/P-OVPY	The distribution code to be used for financial transactions of a certain type.
Description	Example: AP overpayment refund	A description of how the distribution code is used.
GL Account Algorithm	GLCNST-DFLT	The standard product, or customer modified, algorithm you use for determining the GL Account String from the distribution code.
GL Account Details	1 of 1	Create at least one set of account details as needed by your chosen algorithm above. Only set of account is used based on status and effective date.
Effective Date	01-01-1900	The date on which you need to make the GL Account string to be used by the system, and therefore the integration software.
Status	Active	Only active status accounts are used by the product and therefore by the integration.
GL Account	400000.10000.NEWYORK .ALL PRD 211004.	Input the GL Account String as explained above.
Characteristic Type	Oracle PeopleSoft Enterprise Management Template	The characteristic type you created above.
Characteristic Value	Example: RMBTMPLT	The value assigned to the characteristic type created above.

Note: Only fields relevant to the integration are included in this table.

Configure the AP Business Unit Characteristic Type

For each Division used in ORMB, you must configure the AP Business Unit to be used in Oracle PeopleSoft Enterprise Management GL.

Complete the following configuration in ORMB to reference the AP Business Unit corresponding to the Division as follows.

1. Create a Characteristic Type.

Admin Menu > C > Characteristic Type

The value for this characteristic type stores the value of the Oracle PeopleSoft Enterprise Management AP Business Unit. In this example it is RMBTMPLT. You will use the name of the template in Oracle PeopleSoft Enterprise Management.

2. Set up the details on the Characteristic Type as follows:

Field Label	Value	Comments
Characteristic Type	PSBU	The code associated with your characteristic type. This will be used in future steps.
Description	Oracle PeopleSoft Enterprise Management Business Unit	A description of the use for this characteristic type.
Type of Char Value	Predefined Value	No freeform text is allowed, only a predefined set of values.
Allow Search by Char Val	Allowed	Allow searches
Characteristic Value	US001	The name of the Oracle PeopleSoft Enterprise Management AP Business Unit to be used.
Description	US001 Business Unit	

3. Select the Characteristic Entities tab to allow the Characteristic Type to be associated with the Distribution Code:

Field Label	Value	Comments
Characteristic Entity	Division	This characteristic type can be inserted on a Division.

4. Attach the characteristic type, created above, to any Divisions that will be used for AP Request Adjustments. In sample data an example is provided as the CA Division.

Admin Menu > D > Division

Field Label	Value	Comments
Division	Example: CA	The Division to be used.
Description	Example: California	A description of how the Division is used.
Characteristic Tab		

Field Label	Value	Comments
Effective Date	Example: 01-01-1900	The date on which you need to make the characteristic type active to be used by the system, and therefore the integration software.
Characteristic Type	Oracle PeopleSoft Enterprise Management Business Unit	The characteristic type you created above.
Characteristic Value	Example: US001	The value assigned to the characteristic type created above.

Note: Only fields relevant to the integration are included in this table.

4.1.2.3 AP Data Integration Point

No ORMB configuration is required to enable this integration point. AP payment data is extracted from Oracle PeopleSoft Enterprise Management when an AP Request invoice is paid. This data is then translated by ODI and inserted into the RMB AP Request that initiated the invoice.

ODI invokes the RMB service, named C1AdjustmentMaintenance, when a payment is canceled and the liability is closed in Oracle PeopleSoft Enterprise Management. The service uses the cancel reason contained in its configuration when canceling the adjustment associated with an AP Request. The sample data cancel reason is pre-configured as “APVC” (Accounts Payable Void Check) in ORMB version 2.2 and later.

You should verify that the cancel service C1AdjustmentMaintenance is configured and the Cancel Reason to which it refers is also configured correctly.

Admin Menu > X > XAI Inbound Service

Field Label	Value	Comments
XAI In Service Name	AdjustmentMaintenance	This service is used to change data associated with adjustment
Description	Adjustment Maintenance for AP Cancel	
Long Description	Adjustment Maintenance for AP Cancel	
Active	Checked	Active check box checked.
Request Schema	C1AdjustmentMaintenance.xsd	Used by ODI to call this service.
Response Schema	C1AdjustmentMaintenance.xsd	Used by ODI to receive the response from this service.
Transaction Type	Update	Service used to update an existing adjustment transaction.

You can test this service using XAI Dynamic Submission as follows:

Admin Menu > X > XAI Dynamic Submission

Field Label	Value	Comments
XAI In Service Name	AdjustmentMaintenance	This service is used to change data associated with adjustment transactions.
Transaction Type	Update	
Cancel	Checked	Cancel check box checked.
Adjustment ID	Example: 078644601179	The key value of the adjustment for which you wish to test the cancel service.
Cancel Reason	Example: APVC	AP Void Check cancel reason. This must be configured as a cancel reason.

Click **Submit** and review the results.

5. Verifying the Integration

Best practice to verify the implementation is to start each application individually then manually run the integration points.

5.1.1 GL Integration Point

1. Identify Financial Transactions in CI_FT table to be sent to Oracle PeopleSoft Enterprise Financial Management General Ledger for creating Journal Entries. If needed, generate a bill, adjustment or payment event to create financial transactions.
2. Run the GLASSIGN process to assign the Account Number to the FT in CI_FT.
3. Run the GLS process to mark the FT's in the CI_FT table for download. The staging process for creating a GL download (GLS) creates a staging record for every financial transaction that is ready for download. This process populates the FT / Batch Process table with the unique ID of all financial transactions to be interfaced to the GL. This process marks each staging record with the batch process ID (defined on the installation record) for the GL interface. It also stamps the current run number for the respective batch control record.

Note: The integration BPEL process uses the information on this staging table to create the consolidated journal entries that are interfaced to your GL. The Oracle BPEL process reads the CI_BATCH_JOB table to check for new BATCH_JOB_ID and BATCH_JOB_STAT_FLG.

4. Run the GLS process. Invoke the GL Integration Point process from ODI or wait for its next run to occur. The package should do the following:
   - Select the FT in the CI_FT table based on the batch code and the run number provided to it by ODI
   - Extract and group (summarize) the Financial Transactions (FT) and push them into ODI.
   - After extracting the FT, increment the NEXT _BATCH_NBR in the CI_BATCH_CTL table.
   - Data is transformed by the ODI process and written to the GL journal staging table in the Oracle PeopleSoft Enterprise Financial Management General Ledger.
5. Use the Oracle PeopleSoft Enterprise Financials for General Ledger Journal Generator to Load the GL data into the Oracle PeopleSoft Enterprise Financials for General Ledger Generic Accounting Entry Table: PS_JGEN_ACCNT_ENTRY.

5.1.2 A/P Request Integration Point

1. Generate an adjustment of the appropriate to create an A/P Request for a refund customer in ORMB.
2. Invoke the ODI Integration Point Process to extract the A/P Request Information, and the corresponding customer information from ORMB, transform it, and load it into the A/P Invoice Interface tables of Oracle PeopleSoft Enterprise Financial Management General Ledger.
3. Run the voucher build process in Oracle PeopleSoft Enterprise Financial Management General Ledger to create Invoices from the A/P Check Request and Customer data that is staged in the Invoice Interface tables.

5.1.3 A/P Data Integration Point

1. Generate a payment in the Oracle PeopleSoft Enterprise Financial Management General Ledger for an invoice created by the ORMB A/P Request process above.
2. Invoke the ODI Integration Point process to update the A/P Check Request table (CI_ADJ_APREQ) with the payment information from the Oracle PeopleSoft Enterprise Financial Management General Ledger.
3. If you want to further test a cancellation of payment functionality, cancel the payment you made above in Oracle PeopleSoft Enterprise Financial Management General Ledger.
4. Invoke the ODI Process Manager process to update the A/P Check Request table (CI_ADJ_APREQ) with the Payment Information from Oracle PeopleSoft Enterprise Financial Management General Ledger. This cancels the A/P Request and the adjustment.

6. Running ODI Process Flows

The ODI artifacts are run as scenarios in the production environments. Scenarios can be scheduled based on the frequency of transformation of particular flows. Other options to run scenarios are through the ODI console or through command prompt. Refer to the ODI documentation for information on scenarios in ODI. Executing the scenarios will transform the data for PeopleSoft and populate the requisite interface tables.

6.1.1 GL Request

Execute the following scenario for GL Request. Based on the customization flags, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_GL_PKG Version 001

6.1.2 AP Request

Execute the following scenario for AP Request. Based on the customization flags, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_APREQ_PKG Version 001

6.1.3 AP data Request

Execute the following scenario for AP data Request. Based on the customization flags, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_APDATA_PKG Version 001

7. Available Extension Points in ODI

7.1.1 GL Extension Point

When the ODI process customization point needs to be invoked, ensure that the transaction flag on the Custom ODI component is set to 'Y' for each of the flows in the integration lookup table. For GL Request, RMB.PS.GL.CUSTOM.TRANS.FLAG key should be set to 'Y'.

Base transformation implementation is copied as custom transformation interface with the shipped product. The implementation team can modify the custom transformation to include additional mappings. For the complete flow understanding of the base ODI package in terms of the procedures/interfaces/packages used, refer the User interface for ODI which provides diagrammatic representation for the ODI packages.

The custom transformation is used to map elements coming from the GL/FT tables in Oracle ORMB to fields in the GL_INTERFACE table in PeopleSoft that are still unmapped.

Package where extensibility can be done	PS_CUSTOM_GL_PKG
Interface where extensibility can be done	CUSTOM_GL_INTERFACE, PS_CUSTOM_GL_TEMP_INTERFACE

7.1.2 AP Request Extension Point

When the ODI process customization point needs to be invoked, make sure that the transaction flag on the Custom ODI component is set to "Y" for each of the flows in the integration lookup table.

For AP Request, RMB.PS.AP.CUSTOM.TRANS.FLAG key should be set to 'Y'.

Base transformation implementation is copied as custom transformation interface with the shipped product. The implementation team can modify the custom transformation to include additional mappings. For the complete flow understanding of the base ODI package in terms of the procedures/interfaces/packages used, refer the User interface for ODI which provides diagrammatic representation for the ODI packages.

The custom transformation is used to map elements from the Adjustment A/P Request tables in ORMB to fields in the PeopleSoft Invoice Interface tables that are still unmapped.

Package where extensibility can be done	PS_CUSTOM_APREQ_PKG
Interface where extensibility can be done	CUSTOM_APREQ_VCHR_DIST_STG_INTERFACE, CUSTOM_APREQ_VCHR_HDR_STG_INTERFACE, CUSTOM_APREQ_VCHR_PYMT_STG_INTERFACE, CUSTOM_APREQ_VCHR_LINE_STG_INTERFACE, CUSTOM_APREQ_VCHR_VNDR_STG_INTERFACE, CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_CIS_DIV_CHAR, CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_DST_CD_CHAR, CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_DST_CODE_EFF_CHAR

7.1.3 AP Data Extension Point

When the ODI process customization point needs to be invoked, ensure that the transaction flag on the Custom ODI component is set to “Y” for each of the flows in the integration lookup table.

For AP Request, RMB.PS.AP.CUSTOM.TRANS.FLAG key should be set to ‘Y’.

Base transformation implementation is copied as custom transformation interface with the shipped product. The implementation team can modify the custom transformation to include additional mappings. For the complete flow understanding of the base ODI package in terms of the procedures/interfaces/packages used, refer the user interface for ODI which provides diagrammatic representation for the ODI packages.

The custom transformation is used to map elements from the Adjustment A/P Request tables in ORMB to fields in the PeopleSoft Invoice Interface tables that are still unmapped.

Package where extensibility can be done	PS_CUSTOM_APDATA_PKG
Interface where extensibility can be done	CUSTOM_AP_DATA_INTERFACE

Note: Post all customization changes regenerate the scenarios for the changes to reflect.

8. Appendix: A

8.1 PeopleSoft Data Mapping

The following sections show the fields that are mapped for the integration for PeopleSoft

8.1.1 GL Transaction

8.1.1.1 PeopleSoft GL (PS_JGEN_ACCT_ENTRY) Table Mapping to ORMB

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
BUSINESS_UNIT	CHAR (5)	BUSINESS UNIT				Business Unit that sends the GL Transactions. This is left blank for 3rd Party Data.
TRANSACTION_ID	CHAR (10)	REPORT ID	CI_FT_PROC	BATCH_NBR	NUMBER (10)	Identifies a Transaction. This just a cross reference back to the source system. This is the ORMB GLDL Batch Number.
LEDGER_GROUP	CHAR (10)	LEDGER GROUP				Derived from ODI. Identifies the Oracle PeopleSoft Enterprise Management Ledger Group to use for posting. Value = UGBURMB
LEDGER	CHAR (10)	LEDGER				Derived from ODI. Identifies the Oracle PeopleSoft Enterprise Management ledger to use for posting Value = UGBURMB
SEQUENCENO	NUMBER (38)	SEQUENCE NUMBER				Derived from ODI, It identifies a line within a transaction ID. ODI inserts number starting with 1
ACCOUNTING_DT	DATE (10)	ACCOUNTING DATE	CI_FT	ACCOUNTI NG_DT	DATE	Date used by GL to define the accounting period into which the Financial Transaction is booked.

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
APPL_JRNL_ID	CHAR (10)	JOURNAL TEMPLATE				Derived from ODI. Identifies the Journal Template to use Value = UGBURMB
BUSINESS_UNIT_GL	CHAR (5)	GL BUSINESS UNIT	CI_FT	GL_DIVISI ON		Derived from ODI, Identifies the GL Business Unit in Oracle PeopleSoft Enterprise Management
FISCAL_YEAR	NBR(4)	FISCAL YEAR				Populated by Oracle PeopleSoft Enterprise Management Journal Generator. Initial value derived by ODI Value = 0
ACCOUNTING_PERIOD	NBR(3)	ACCOUNTING PERIOD				Populated by Oracle PeopleSoft Enterprise Management Journal Generator. Initial value derived by ODI Value = 0
JOURNAL_ID	CHAR (10)	JOURNAL ID				Populated by Oracle PeopleSoft Enterprise Management Journal Generator. Initial value derived by ODI Value = NEXT
JOURNAL_DATE	DATE (10)	JOURNAL DATE				Populated by Oracle PeopleSoft Enterprise Management Journal Generator. Initial value derived by ODI Value = NULL
JOURNAL_LINE	NBR(9)	GL JOURNAL LINE NUMBER				Populated by Oracle PeopleSoft Enterprise Management Journal Generator. Initial value derived by ODI Value = 0
ACCOU NT	CHAR (10)	ACCOUNT	CI_FT_GL	GL_ACCT Position1	Varchar2(254)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null.

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
ALTACC T	CHAR (10)	ALTERNATE ACCOUNT	CI_FT_ GL	GL_ACCT Position 7	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null.
DEPTID	CHAR (10)	DEPARTME NT	CI_FT_ GL	GL_ACCT Position 2	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null.
OPERAT ING_UNI T	CHAR (8)	OPERATING UNIT	CI_FT_ GL	GL_ACCT Position 3	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
PRODU CT	CHAR (6)	PRODUCT	CI_FT_ GL	GL_ACCT Position 4	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
FUND_C ODE	CHAR (5)	FUND CODE	CI_DST _COD E_EFF	FUND_C D	Varchar2(12)	Null unless fund accounting is enabled in ORMB.
CLASS_ FLD	CHAR (5)	CLASS FIELD	CI_FT_ GL	GL_ACCT Position 5	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
PROGR AM_CO DE	CHAR (5)	PROGRAM CODE	CI_FT_ GL	GL_ACCT Position 6	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
BUDGET_ REF	CHAR (8)	BUDGET REFERENCE	CI_FT_ GL	GL_ACCT Position 12	Varchar2(48)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
AFFILIA TE	CHAR (5)	AFFILIATE	CI_FT_ GL	GL_ACCT Position 9	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
AFFILIA TE_INTR A1	CHAR (10)	FUND AFFILIATE	CI_FT_ GL	GL_ACCT Position 10	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
AFFILIA TE_INTR A2	CHAR (10)	OPERATING UNIT AFFILIATE	CI_FT_ GL	GL_ACCT Position 11	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
CHARTF IELD1	CHAR (10)	CHARTFIELD 1	CI_FT_ GL	GL_ACCT Position 13	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
CHARTF IELD2	CHAR (10)	CHARTFIELD 2	CI_FT_ GL	GL_ACCT Position 14	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
CHARTF IELD3	CHAR (10)	CHARTFIELD 3	CI_FT_ GL	GL_ACCT Position 15	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
PROJEC T_ID	CHAR (15)	PROJECT	CI_FT_ GL	GL_ACCT Position 8	Varchar2(4 8)	Use (dot) as the delimiter to extract this information from Gl_Acct. 2 dots (..) indicates skip or null
CURRE NCY_CD	CHAR (3)	CURRENCY CODE	CI_FT	CURREN C Y_CD	CHAR(3)	
STATIST ICS_CO DE	CHAR (3)	STATISTICS CODE	CI_DST _COD E_EFF	STATISTI C S_CODE	CHAR(8)	

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
FOREIGN_CURRENCY	CHAR (3)	FOREIGN CURRENCY CODE				This field is not mapped to ORMB field Leave the field Blank
RT_TYP E	CHAR (5)	RATE TYPE				This field is not mapped to ORMB field Leave the field Blank
RATE_MULT	SIGN NBR (7.8)	RATE MULTIPLIER				This field is not mapped to ORMB field 0
RATE_DIV	NBR (7.8)	RATE DIVISOR				This field is not mapped to RMB field 0
MONETARY_AMOUNT	SIGN NBR (23.3)	MONETARY AMOUNT	CI_FT_GL	AMOUNT	NUMBER(15,2)	Base Currency Amount
FOREIGN_AMOUNT	SIGN NBR (23.3)	FOREIGN AMOUNT				This field is not mapped to ORMB field 0
STATISTIC_AMOUNT	SIGN NBR (13.2)	STATISTIC AMOUNT	CI_FT_GL	STATISTIC_AMOUNT	NUMBER(15,2)	
MOVEMENT_FLAG	CHAR (1)	MOVEMENT FLAG				Defines the sign of the Amount when debit/credit options are separate Value = N
DOC_TYPE	CHAR (8)	DOCUMENT TYPE				This field is not mapped to ORMB field Blank
DOC_SEQ_NBR	CHAR (12)	DOCUMENT SEQUENCE NUMBER				This field is not mapped to ORMB field Blank
DOC_SEQ_DATE	DATE (10)	DOCUMENT SEQUENCE DATE				This field is not mapped to ORMB field Null

Column	Data Type	Description	ORMB Table	Column	Data Type	Remarks
JRNL_LN_REF	CHAR (10)	JOURNAL LINE REFERENCE	CI_FT_PROC	BATCH_NB R	NUMBER (10)	Identifies the Source of the Transaction. Mapped to ORMB Batch Number for reference.
LINE_DESCR	CHAR (30)	JOURNAL LINE DESCRIPTION				Derived in ODI. Describes a transaction.
IU_SYS_TRAN_CD	CHAR (8)	SYSTEM TRANSACTION				This field is not mapped to ORMB field Blank
IU_TRAN_CD	CHAR (8)	TRANSACTION CODE				This field is not mapped to ORMB field Blank
IU_ANCHOR_FLG	CHAR (1)	INTERUNIT ANCHOR				This field is not mapped to ORMB field Blank
GL_DISTRIB_STATUS	CHAR (1)	DISTRIBUTION STATUS				Derived from ODI. Value = N (Ready for Distribution).
PROCESS_INSTANCE	NBR (10)	PROCESS INSTANCE				Populated by Journal Generator Initial value Derived from ODI. Value =0
DTTM_STAMP	TIMESTAMP(6)	DATE TIME STAMP				SYSDATE

8.1.2 A/P Request

8.1.2.1 PeopleSoft PS_VCHR_HDR_STG Mapping to ORMB

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNI T	VARCHAR2 (5)	Business Unit	CI_CIS_DIV_CHAR	CHAR_VAL	CHAR (16)	
VCHR_BLD_KE Y_C1	VARCHAR2 (25)	Voucher Build Key Char 1	CI_SA	CIS_DIVISION	CHAR (5)	
VCHR_BLD_KE Y_C2	VARCHAR2 (25)	Voucher Build Key Char 1	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
VCHR_BLD_KE Y_N1	NUMBER (10)	Voucher Build Key Num 1	Derived from ODI. Value = 0			
VCHR_BLD_KE Y_N2	NUMBER (10)	Vchr Build Key Num 2	Derived from ODI. Value = 0			
VOUCHER_ID	VARCHAR2 (8)	Voucher ID	Derived from ODI. Value = NEXT			
VOUCHER_ST YLE	VARCHAR2 (4)	Voucher Style	Derived from ODI. Value = SGLP			
INVOICE_ID	VARCHAR2 (30)	Invoice Number	CI_ADJ	ADJ_ID	CHAR (12)	
INVOICE_DT	DATE	Invoice Date	CI_ADJ	CRE_DT	DATE	
VENDOR_SETI D	VARCHAR2 (5)	Vendor SetID	Derived from ODI. Value = SHARE			
VENDOR_ID	VARCHAR2 (10)	Vendor ID	Derived from ODI. Value = RMB VENDOR			
VNDR_LOC	VARCHAR2 (10)	Vendor Location	Derived from ODI. Value = 1			
ADDRESS_SE Q_NUM	NUMBER (38)	Address Sequence Number	Derived from ODI. Value = 1			
GRP_AP_ID	VARCHAR2 (10)	Control Group ID				Value = Blank
ORIGIN	VARCHAR2 (3)	Origin				Value = Blank

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
OPRID	VARCHAR2 (30)	User ID	Derived from ODI. Voucher Build Process inserts the OPRID Value = Blank			
ACCOUNTING_DT	DATE	Accounting Date				Value = Null
POST_VOUCHER	VARCHAR2 (1)	Post Voucher Now				Value = Blank
DST_CNTRL_ID	VARCHAR2 (10)	Accounting Template	CI_DST_CD_CHAR	CHAR_VAL	CHAR (16)	
VOUCHER_ID_RELATED	VARCHAR2 (8)	Related Voucher				Value = Blank
GROSS_AMT	NUMBER (26,3)	Gross Invoice Amount	CI_ADJ	ADJ_AMT	NUMB ER (15,2)	
DSCNT_AMT	NUMBER (26,3)	Discount Amount	Derived from ODI. Value = 0			
TAX_EXEMPT	VARCHAR2 (1)	Tax Exempt Flag	Derived from ODI. Value = Y			
SALETX_AMT	NUMBER (26,3)	Sales Tax Amount	Derived from ODI. Value = 0			
FREIGHT_AMT	NUMBER (26,3)	Freight Amount	Derived from ODI. Value = 0			
MISC_AMT	NUMBER (26,3)	Misc Charge Amount	Derived from ODI. Value = 0			
PYMNT_TERMS_CD	VARCHAR2 (5)	Payment Terms ID	Derived from ODI. Value = 07			
ENTERED_DT	DATE	Entered on	Derived from ODI. Value = System Date			
TXN_CURRENCY_CD	VARCHAR2 (3)	Transaction Currency	CI_ADJ	CURRENCY_CD	CHAR (3)	
RT_TYPE	VARCHAR2 (5)	Rate Type	Derived from ODI. Value = CRRNT			
RATE_MULT	NUMBER (15,8)	Rate Multiplier	Derived from ODI. Value = 1			
RATE_DIV	NUMBER (15,8)	Rate Divisor	Derived from ODI. Value = 1			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
VAT_ENTRD_A MT	NUMBER (26,3)	Entered VAT Amount	Derived from ODI. Value = 0			
MATCH_AC TIO N	VARCHAR2 (1)	Match Action	Derived from ODI. Value = N			
CUR_RT_SO U RCE	VARCHAR2 (1)	Exchange Rate Source	Derived from ODI. Value = T			
DSCNT_AM T_F LG	VARCHAR2 (1)	Discount Amount Control	Derived from ODI. Value = T			
DUE_DT_FL G	VARCHAR2 (1)	Due Date Control	Derived from ODI. Value = T			
VCHR_APPR VL_FLG	VARCHAR2 (1)	Voucher Approval Flag	Derived from ODI. Value = P			
BUSPROCN AM E	VARCHAR2 (30)	Business Process Name	Derived from ODI. Value = Blank			
APPR_RULE _S ET	VARCHAR2 (30)	Approval Rule Set	Derived from ODI. Value = Blank			
VAT_DCLRT N_ POINT	VARCHAR2 (1)	Declaration Point	Derived from ODI. Value = Blank			
VAT_CALC_ TY PE	VARCHAR2 (1)	Calculation Type	Derived from ODI. Value = E			
VAT_CALC_ GR OSS_NET	VARCHAR2 (1)	Calculate at Gross or Net	Derived from ODI. Value = Blank			
VAT_RECAL C_ FLG	VARCHAR2 (1)	Recalculate at Payment	Derived from ODI. Value = Blank			
VAT_CALC_ FRGHT_FLG	VARCHAR2 (1)	Include Freight	Derived from ODI. Value = N			
VAT_TREAT ME NT_GRP	VARCHAR2 (4)	VAT Treatment Group	Derived from ODI. Value = Blank			
COUNTRY_S HI P_FROM	VARCHAR2 (3)	Ship From Country	Derived from ODI. Value = Blank			
STATE_SHIP _F ROM	VARCHAR2 (6)	Ship From State	Derived from ODI. Value = Blank			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
COUNTRY_SHI P_TO	VARCHAR2 (3)	Ship to Country	Derived from ODI. Value = Blank			
STATE_SHIP _T O	VARCHAR2 (6)	Ship to State	Derived from ODI. Value = Blank			
COUNTRY_V A T_BILLFR	VARCHAR2 (3)	Seller Registration Country	Derived from ODI. Value = Blank			
COUNTRY_V A T_BILLTO	VARCHAR2 (3)	Buyer Registration Country	Derived from ODI. Value = Blank			
VAT_EXCPT N_ CERTIF	VARCHAR2 (20)	VAT Certificate ID	Derived from ODI. Value = Blank			
VAT_ROUN D_ RULE	VARCHAR2 (1)	VAT Rounding Rule	Derived from ODI. Value = Blank			
COUNTRY_L O C_SELLER	VARCHAR2 (3)	Seller Location Country	Derived from ODI. Value = Blank			
STATE_LOC _S ELLER	VARCHAR2 (6)	Seller Location State	Derived from ODI. Value = Blank			
COUNTRY_L O C_BUYER	VARCHAR2 (3)	Buyer Location Country	Derived from ODI. Value = Blank			
STATE_LOC _B UYER	VARCHAR2 (6)	Buyer Location State	Derived from ODI. Value = Blank			
COUNTRY_V A T_SUPPLY	VARCHAR2 (3)	VAT Place of Supply Country	Derived from ODI. Value = Blank			
STATE_VAT _S UPPLY	VARCHAR2 (6)	VAT Place of Supply State	Derived from ODI. Value = Blank			
COUNTRY_V A T_PERFRM	VARCHAR2 (3)	Service Performed Country	Derived from ODI. Value = Blank			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
STATE_VAT_P ERFRM	VARCHAR2 (6)	Service Performed State	Derived from ODI. Value = Blank			
STATE_VAT_D EFAULT	VARCHAR2 (6)	Defaulting State	Derived from ODI. Value = Blank			
PREPAID_REF	VARCHAR2 (10)	Prepayment Reference	Derived from ODI. Value = Blank			
PREPAID_AUT O_APPLY	VARCHAR2 (1)	Automatically Apply Prepayment	Derived from ODI. Value = Blank			
DESCR254_MI XED	VARCHAR2 (254)	More Information	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
EIN_FEDERAL	VARCHAR2 (9)	EIN Federal	Derived from ODI. Value = Blank			
EIN_STATE_LO CAL	VARCHAR2 (20)	EIN State Local	Derived from ODI. Value = Blank			
PROCESS_INS TANCE	NUMBER (10)	Process Instance	Derived from ODI. Value = 0			
IN_PROCESS_ FLG	VARCHAR2 (1)	In Process	Derived from ODI. Value = N			
BUSINESS_UNI T_PO	VARCHAR2 (5)	PO Business Unit	Derived from ODI. Value = Blank			
PO_ID	VARCHAR2 (10)	PO Number	Derived from ODI. Value = Blank			
PACKSLIP_NO	VARCHAR2 (22)	Packing Slip Number	Derived from ODI. Value = Blank			
PAY_TRM_BSE_DT_OPT	VARCHAR2 (1)	Payment Terms Basis Date Type	Derived from ODI. Value = I			
VAT_CALC_MI SC_FLG	VARCHAR2 (1)	Include Miscellaneous	Derived from ODI. Value = N			
IMAGE_REF_ID	VARCHAR2 (12)	Image Reference ID	Derived from ODI. Value = Blank			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
IMAGE_DATE	DATE	Image Date	Derived from ODI. Value = Null			
PAY_SCHEDULE_TYPE	VARCHAR2 (3)	Pay Schedule Type	Derived from ODI. Value = Blank			
TAX_GRP	VARCHAR2 (4)	Tax Group Code	Derived from ODI. Value = Blank			
TAX_PYMNT_TYPE	VARCHAR2 (5)	Tax Payment Type Code	Derived from ODI. Value = Blank			
INSPECT_DT	DATE	Inspection Date	Derived from ODI. Value = Null			
INV_RECPT_DT	DATE	Invoice Receipt Date	Derived from ODI. Value = Null			
RECEIPT_DT	DATE	Received Date	Derived from ODI. Value = Null			
BILL_OF_LADING	VARCHAR2 (30)	Bill of Lading	Derived from ODI. Value = Blank			
CARRIER_ID	VARCHAR2 (10)	Carrier ID	Derived from ODI. Value = Blank			
DOC_TYPE	VARCHAR2 (8)	Document Type	Derived from ODI. Value = Blank			
DSCNT_DUE_DT	DATE	Discount Due Date	Derived from ODI. Value = Null			
DSCNT_PRORATE_FLG	VARCHAR2 (1)	Prorate Discount	Derived from ODI. Value = Blank			
DUE_DT	DATE	Due Date	Derived from ODI. Value = Null			
ECQUEUEINST ANCE	NUMBER (38)	ECQUEUEINSTANCE - EC Queue Instance	Derived from ODI. Value = 0			
ECTRANSID	VARCHAR2 (15)	EC Transaction ID	Derived from ODI. Value = Blank			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
FRGHT_CHAR GE_CODE	VARCHAR2 (10)	Freight Charge	Derived from ODI. Value = Blank			
LC_ID	VARCHAR2 (12	Letter of Credit ID	Derived from ODI. Value = Blank			
MISC_CHAR GE_CODE	VARCHAR2 (10)	MISC_CHAR GE_COD E - Miscellaneo us Charge	Derived from ODI. Value = Blank			
REMIT_ADD R_ SEQ_NUM	NUMBER (38)	Remitting Address	Derived from ODI. Value = 0			
SALETX_CH AR GE_CODE	VARCHAR2 (10)	Sales Tax Charge	Derived from ODI. Value = Blank			
VCHR_BLD_ C ODE	VARCHAR2 (6)	Voucher Build Code	Derived from ODI. Value = Blank			
BUSINESS_U NI T_AR	VARCHAR2 (5)	AR Business Unit	Derived from ODI. Value = Blank			
CUST_ID	VARCHAR2 (15)	Customer ID	Derived from ODI. Value = Blank			
ITEM	VARCHAR2 (30)	Item ID	Derived from ODI. Value = Blank			
ITEM_LINE	NUMBER (38)	Item Line	Derived from ODI. Value = 0			
ERS_INV_SE Q	NUMBER (38)	Invoice Sequence	Derived from ODI. Value = 0			
LS_KEY	NUMBER (15)	Lease Key	Derived from ODI. Value = 0			
VCHR_SRC	VARCHAR2 (4)	VCHR_SRC - Voucher Source	Derived from ODI. Value = XML			
VAT_EXCPT N_ TYPE	VARCHAR2 (1)	Exception Type	Derived from ODI. Value = Blank			
TERMS_BAS IS_DT	DATE	Payment Terms Basis Date	CI_ADJ	CRE_DT	DATE	

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
USER_VCHR_CHAR1	VARCHAR2 (1)	User Character Field	Derived from ODI. Value = Blank			
USER_VCHR_CHAR2	VARCHAR2 (1)	User Character Field 2	Derived from ODI. Value = Blank			
USER_VCHR_DEC	NUMBER (26,3)	USER_VCHR_DEC - User Amount Field	Derived from ODI. Value = 0			
USER_VCHR_DATE	DATE	User Date	Derived from ODI. Value = Null			
USER_VCHR_NUM1	NUMBER (38)	USER_VCHR_NUM1 - User Number field	Derived from ODI. Value = 0			
USER_HDR_CHAR1	VARCHAR2 (1)	Header User Field	Derived from ODI. Value = Blank			
STATE_SHIP_FROM	VARCHAR2 (6)	Ship From State	Derived from ODI. Value = Blank			
COUNTRY_SHIP_TO	VARCHAR2 (3)	Ship to Country	Derived from ODI. Value = Blank			
STATE_SHIP_TO	VARCHAR2 (6)	Ship to State	Derived from ODI. Value = Blank			
COUNTRY_VAT_BILLFR	VARCHAR2 (3)	Seller Registration Country	Derived from ODI. Value = Blank			
COUNTRY_VAT_BILLTO	VARCHAR2 (3)	Buyer Registration Country	Derived from ODI. Value = Blank			
VAT_EXCPTN_CERTIF	VARCHAR2 (20)	VAT Certificate ID	Derived from ODI. Value = Blank			
VAT_ROUND_RULE	VARCHAR2 (1)	VAT Rounding Rule	Derived from ODI. Value = Blank			
COUNTRY_LOC_SELLER	VARCHAR2 (3)	Seller Location Country	Derived from ODI. Value = Blank			
STATE_LOC_SELLER	VARCHAR2 (6)	Seller Location State	Derived from ODI. Value = Blank			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
COUNTRY_LOC_BUYER	VARCHAR2 (3)	Buyer Location Country	Derived from ODI. Value = Blank			
STATE_LOC_BUYER	VARCHAR2 (6)	Buyer Location State	Derived from ODI. Value = Blank			
COUNTRY_VAT_SUPPLY	VARCHAR2 (3)	VAT Place of Supply Country	Derived from ODI. Value = Blank			
STATE_VAT_SUPPLY	VARCHAR2 (6)	VAT Place of Supply State	Derived from ODI. Value = Blank			
COUNTRY_VAT_PERFRM	VARCHAR2 (3)	Service Performed Country	Derived from ODI. Value = Blank			
STATE_VAT_PERFRM	VARCHAR2 (6)	Service Performed State	Derived from ODI. Value = Blank			
STATE_VAT_DEFAULT	VARCHAR2 (6)	Defaulting State	Derived from ODI. Value = Blank			
PREPAID_REF	VARCHAR2 (10)	Prepayment Reference	Derived from ODI. Value = Blank			
PREPAID_AUT O_APPLY	VARCHAR2 (1)	Automatically Apply Prepayment	Derived from ODI. Value = Blank			
DESCR254_MIXED	VARCHAR2 (254)	More Information	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
EIN_FEDERAL	VARCHAR2 (9)	EIN Federal	Derived from ODI. Value = Blank			
EIN_STATE_LOCAL	VARCHAR2 (20)	EIN State Local	Derived from ODI. Value = Blank			
BUSINESS_UNIT_AM	VARCHAR2 (5)	AM Business Unit	New column added in PeopleSoft version 9.1			
ASSET_ID	VARCHAR2 (12)	Asset ID	New column added in PeopleSoft version 9.1			
LEASE_ID	VARCHAR2 (30)	Lease ID	New column added in PeopleSoft version 9.1			
CLAIM_NO	VARCHAR2 (30)	Claim Number	New column added in PeopleSoft version 9.1			
POLICY_NUM	VARCHAR2 (30)	Policy Number	New column added in PeopleSoft version 9.1			
ENDORSER_PARTY	VARCHAR2 (40)	Endorser Party	New column added in PeopleSoft version 9.1			

Columns in PS_VCHR_HDG_STG	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT_BI	VARCHAR2(5)	Business Unit NI	New column added in PeopleSoft version 9.2			
BI_INVOICE	VARCHAR2(22)	BI invoice	New column added in PeopleSoft version 9.2			
CUSTOM_C100_A1	VARCHAR2(100)	Custom Field	New column added in PeopleSoft version 9.2			
CUSTOM_C100_A2	VARCHAR2(100)	Custom Field	New column added in PeopleSoft version 9.2			
CUSTOM_C100_A3	VARCHAR2(100)	Custom Field	New column added in PeopleSoft version 9.2			
CUSTOM_C100_A4	VARCHAR2(100)	Custom Field	New column added in PeopleSoft version 9.2			
CUSTOM_C1_A	VARCHAR2(1)	Custom Field	New column added in PeopleSoft version 9.2			
VAT_NRCVR_CHRG_CD	VARCHAR2(10)	VAT NRCVR CHRG CD	New column added in PeopleSoft version 9.2			
VAT_CF_ANLSYS_TYPE	VARCHAR2(1)	VAT CF ANLSYS TYPE	New column added in PeopleSoft version 9.2			

8.1.2.2 PeopleSoft PS_VCHR_LINE_STG Mapping to ORMB

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT	VARCHAR2(5)	Business Unit	CI_CIS_DIV_CHAR	CHAR_VAL	CHAR (16)	
VCHR_BLD_KEY_C1	VARCHAR2(25)	Voucher Build Key Char 1	CI_SA	CIS_DIVISION	CHAR (5)	
VCHR_BLD_KEY_C2	VARCHAR2(25)	Voucher Build Key Char 1	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
VCHR_BLD_KEY_N1	NUMBER(10)	Voucher Build Key Num 1		Derived from ODI. Value = 0		
VCHR_BLD_KEY_N2	NUMBER(10)	Vchr Build Key Num 2		Derived from ODI. Value = 0		
VOUCHER_ID	VARCHAR2(8)	Voucher ID		Derived from ODI. Value = NEXT		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
VOUCHER_LINE_NUM	NUMBER (38)	Voucher Line Number		Derived from ODI. Value = 1		
BUSINESS_UNIT_PO	VARCHAR2 (5)	PO Business Unit		Derived from ODI. Value = Blank		
PO_ID	VARCHAR2 (10)	PO Number		Derived from ODI. Value = Blank		
LINE_NBR	NUMBER (38)	Line Number		Derived from ODI. Value = 0		
SCHED_NBR	NUMBER (38)	Schedule Number		Derived from ODI. Value = 0		
DESCR	VARCHAR2 (30)	Description		Derived from ODI. Value = Blank		
MERCHANDISE_AMT	NUMBER (26,3)	Merchandise Amt	CI_ADJ	ADJ_AMT	NUMBER (15,2)	
ITM_SETID	VARCHAR2 (5)	Item SetID		Derived from ODI. Value = Blank		
INV_ITEM_ID	VARCHAR2 (18)	Item ID		Derived from ODI. Value = Blank		
QTY_VCHR	NUMBER (15,4)	Quantity Vouchered		Derived from ODI. Value = 0		
STATISTIC_AMOUNT	NUMBER (15,2)	Statistic Amount		Derived from ODI. Value = 0		
UNIT_OF_MEASURE	VARCHAR2 (3)	Unit of Measure		Derived from ODI. Value = Blank		
UNIT_PRICE	NUMBER (15,5)	Unit Price		Derived from ODI. Value = 0		
DSCNT_APPL_FLG	VARCHAR2 (1)	Apply Discount		Derived from ODI. Value = Blank		
TAX_CD_VAT	VARCHAR2 (8)	VAT Code		Derived from ODI. Value = Blank		
BUSINESS_UNIT_RECV	VARCHAR2 (5)	Receiving Business Unit		Derived from ODI. Value = Blank		
RECEIVER_ID	VARCHAR2 (10)	Receipt Number		Derived from ODI. Value = Blank		
RECV_LN_NBR	NUMBER (38)	Receipt Line		Derived from ODI. Value = 0		
RECV_SHIP_SEQ_NBR	NUMBER (38)	Receiver Shipping Sequence		Derived from ODI. Value = 0		
MATCH_LINE_OPT	VARCHAR2 (1)	Match Line Option		Derived from ODI. Value = N		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
DISTRIB_MTHD_FLG	VARCHAR2 (1)	Distribute by		Derived from ODI. Value = A		
SHIPTO_ID	VARCHAR2 (10)	Ship To Location		Derived from ODI. Value = Blank		
SUT_BASE_ID	VARCHAR2 (10)	Sales/Use Tax Destination		Derived from ODI. Value = Blank		
TAX_CD_SUT	VARCHAR2 (8)	Tax Code - Sales and Use Tax		Derived from ODI. Value = Blank		
ULTIMATE_USE_CD	VARCHAR2 (8)	Ultimate Use Code		Derived from ODI. Value = Blank		
SUT_EXCPTN_TYPE	VARCHAR2 (1)	Sales/Use Tax Exception Type		Derived from ODI. Value = Blank		
SUT_EXCPTN_CERTIF	VARCHAR2 (20)	Sales/Use Tax Exception Certif		Derived from ODI. Value = Blank		
SUT_APPLICABILITY	VARCHAR2 (1)	Sales/Use Tax Applicability		Derived from ODI. Value = Blank		
VAT_APPLICABILITY	VARCHAR2 (1)	VAT Applicability		Derived from ODI. Value = Blank		
VAT_TXN_TYPE_CD	VARCHAR2 (4)	VAT Transaction Type		Derived from ODI. Value = Blank		
VAT_USE_ID	VARCHAR2 (6)	VAT Use Type		Derived from ODI. Value = Blank		
ADDR_SEQ_NUM_SHIP	NUMBER (38)	Address Sequence Number		Derived from ODI. Value = 0		
BUS_UNIT_RELATED	VARCHAR2 (5)	AP Business Unit		Derived from ODI. Value = Blank		
VOUCHER_ID_RELATED	VARCHAR2 (8)	Related Voucher		Derived from ODI. Value = Blank		
VENDOR_ID	VARCHAR2 (10)	Vendor ID		Derived from ODI. Value = RMBVENDOR		
VNDR_LOC	VARCHAR2 (10)	Vendor Location		Derived from ODI. Value = 1		
DESCR254_MIXED	VARCHAR2 (254)	More Information	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
SPEEDCHART_KEY	VARCHAR2 (10)	SpeedChart Key		Derived from ODI. Value = Blank		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT_GL	VARCHAR2 (5)	GL Business Unit		Derived from ODI. Value = RMB		
ACCOUNT	VARCHAR2 (10)	Account	CI_DST_CODE_EFF	GL_ACCT Position 1)	VARCHAR2 (254)	
ALTACCT	VARCHAR2 (10)	Alternate Account		Derived from ODI. Value = Blank		
OPERATING_UNIT	VARCHAR2 (8)	Operating Unit		Derived from ODI. Value = Blank		
PRODUCT	VARCHAR2 (6)	Product		Derived from ODI. Value = Blank		
FUND_CODE	VARCHAR2 (5)	Fund Code		Derived from ODI. Value = Blank		
CLASS_FLD	VARCHAR2 (5)	Class Field		Derived from ODI. Value = Blank		
PROGRAM_CODE	VARCHAR2 (5)	Program Code		Derived from ODI. Value = Blank		
BUDGET_REF	VARCHAR2 (8)	Budget Reference		Derived from ODI. Value = Blank		
AFFILIATE	VARCHAR2 (5)	Affiliate		Derived from ODI. Value = Blank		
AFFILIATE_INTRA1	VARCHAR2 (10)	Fund Affiliate		Derived from ODI. Value = Blank		
AFFILIATE_INTRA2	VARCHAR2 (10)	Operating Unit				
Affiliate		Derived from ODI. Value = Blank				
CHARTFIELD1	VARCHAR2 (10)	ChartField 1		Derived from ODI. Value = Blank		
CHARTFIELD2	VARCHAR2 (10)	ChartField 2		Derived from ODI. Value = Blank		
CHARTFIELD3	VARCHAR2 (10)	ChartField 3		Derived from ODI. Value = Blank		
DEPTID	VARCHAR2 (10)	Department		Derived from ODI. Value = Blank		
PROJECT_ID	VARCHAR2 (15)	Project		Derived from ODI. Value = Blank		
BUSINESS_UNIT_PC	VARCHAR2 (5)	PC Business Unit		Derived from ODI. Value = Blank		
ACTIVITY_ID	VARCHAR2 (15)	Activity		Derived from ODI. Value = Blank		
ANALYSIS_TYPE	VARCHAR2 (3)	Analysis Type		Derived from ODI. Value = Blank		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
RESOURCE_TYPE	VARCHAR2 (5)	Source Type		Derived from ODI. Value = Blank		
RESOURCE_CATEGORY	VARCHAR2 (5)	Category		Derived from ODI. Value = Blank		
ECQUEUEINSTANCE	NUMBER (38)	EC Queue Instance		Derived from ODI. Value = 0		
ECTRANSID	VARCHAR2 (15)	EC Transaction ID		Derived from ODI. Value = Blank		
TAX_DSCNT_FLG	VARCHAR2 (1)	Include Discount		Derived from ODI. Value = Blank		
TAX_FRGHT_FLG	VARCHAR2 (1)	Include Freight		Derived from ODI. Value = Blank		
TAX_MISC_FLG	VARCHAR2 (1)	Include Misc Charges		Derived from ODI. Value = Blank		
TAX_VAT_FLG	VARCHAR2 (1)	Include VAT		Derived from ODI. Value = Blank		
PHYSICAL_NATURE	VARCHAR2 (1)	Physical Nature		Derived from ODI. Value = S		
VAT_RCRD_INPT_FLG	VARCHAR2 (1)	Record Input VAT		Derived from ODI. Value = Blank		
VAT_RCRD_OUTPT_FLG	VARCHAR2 (1)	Record Output VAT		Derived from ODI. Value = Blank		
VAT_TREATMENT	VARCHAR2 (4)	VAT Treatment		Derived from ODI. Value = Blank		
VAT_SVC_SUPPLY_FLG	VARCHAR2 (1)	VAT Place of Supply		Derived from ODI. Value = Blank		
VAT_SERVICE_TYPE	VARCHAR2 (1)	VAT Service Type		Derived from ODI. Value = Blank		
COUNTRY_LOC_BUYER	VARCHAR2 (3)	Buyer Location Country		Derived from ODI. Value = Blank		
STATE_LOC_BUYER	VARCHAR2 (6)	Buyer Location State		Derived from ODI. Value = Blank		
COUNTRY_LOC_SELLER	VARCHAR2 (3)	Seller Location Country		Derived from ODI. Value = Blank		
STATE_LOC_SELLER	VARCHAR2 (6)	Seller Location State		Derived from ODI. Value = Blank		
COUNTRY_VAT_SUPPLY	VARCHAR2 (3)	VAT Place of Supply Country		Derived from ODI. Value = Blank		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
STATE_VAT_SUPPLY	VARCHAR2 (6)	VAT Place of Supply State		Derived from ODI. Value = Blank		
COUNTRY_VAT_PERFRM	VARCHAR2 (3)	Service Performed Country		Derived from ODI. Value = Blank		
STATE_VAT_PERFRM	VARCHAR2 (6)	Service Performed State		Derived from ODI. Value = Blank		
STATE_SHIP_FROM	VARCHAR2 (6)	Ship From State		Derived from ODI. Value = Blank		
STATE_VAT_DEFAULT	VARCHAR2 (6)	Defaulting State		Derived from ODI. Value = Blank		
REQUESTOR_ID	VARCHAR2 (30)	Requester		Derived from ODI. Value = Blank		
VAT_ENTRD_AMT	NUMBER (26,3)	Entered VAT Amount		Derived from ODI. Value = 0		
VAT_RECEIPT	VARCHAR2 (1)	No VAT Receipt		Derived from ODI. Value = Blank		
VAT_RGSTRN_SELLER	VARCHAR2 (12)	Seller VAT Registration		Derived from ODI. Value = Blank		
IST_TXN_FLG	VARCHAR2 (1)	Intrastat Transaction Flag		Derived from ODI. Value = Blank		
TRANS_DT	DATE	Transaction Date		Derived from ODI. Value = Null		
WTHD_SW	VARCHAR2 (1)	Withholding Applicable		Derived from ODI. Value = Blank		
WTHD_CD	VARCHAR2 (5)	Withholding Code		Derived from ODI. Value = Blank		
MFG_ID	VARCHAR2 (50)	Manufacturer ID		Derived from ODI. Value = Blank		
USER_VCHR_CHAR1	VARCHAR2 (1)	User Character Field		Derived from ODI. Value = Blank		
USER_VCHR_CHAR2	VARCHAR2 (1)	User Character Field 2		Derived from ODI. Value = Blank		
USER_VCHR_DEC	NUMBER (26,3)	User Amount Field		Derived from ODI. Value = 0		
USER_VCHR_DATE	DATE	User Date		Derived from ODI. Value = Null		
USER_VCHR_NUM1	NUMBER (38)	User Number field		Derived from ODI. Value = 0		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
USER_LINE_CHAR1	VARCHAR2 (1)	Line User Field		Derived from ODI. Value = Blank		
USER_SCHED_CHAR1	VARCHAR2 (1)	Schedule User Field		Derived from ODI. Value = Blank		
CATEGORY_ID	VARCHAR2 (5)	Category ID		New column added in PeopleSoft version 9.1		
VAT_RVRSE_CHG_GDS	VARCHAR2 (1)	Reverse VAT		New column added in PeopleSoft version 9.1		
CUSTOM_C100_B1	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_B2	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_B3	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_B4	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C1_B	VARCHAR2(1)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_C1	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_C2	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_C3	VARCHAR2(100)	Custom field		New column added in PeopleSoft version 9.2		
CUSTOM_C1_C	VARCHAR2(1)	Custom field		New column added in PeopleSoft version 9.2		
PACKSLIP_NO	VARCHAR2(22)	Packslip Number		New column added in PeopleSoft version 9.2		
BUSINESS_UNIT_BI	VARCHAR2(5)	Business Unit BI		New column added in PeopleSoft version 9.2		
BI_INVOICE	VARCHAR2(22)	BI Invoice		New column added in PeopleSoft version 9.2		
LINE_SEQ_NUM	NUMBER(38)	Line Sequence Number		New column added in PeopleSoft version 9.2		

PeopleSoft PS_VCHR_DIST_STG Mapping to ORMB

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT	VARCHAR2 (5)	Business Unit	CI_CIS_DIV_CHAR	CHAR_VAL	CHAR (16)	
VCHR_BLD_KEY_C1	VARCHAR2 (25)	Voucher Build Key Char 1	CI_SA	CIS_DIVISION	CHAR (5)	
VCHR_BLD_KEY_C2	VARCHAR2 (25)	Voucher Build Key Char 1	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
VCHR_BLD_KEY_N1	NUMBER (10)	Voucher Build Key Num 1		Derived from ODI. Value = 0		
VCHR_BLD_KEY_N2	NUMBER (10)	Vchr Build Key Num 2		Derived from ODI. Value = 0		
VOUCHER_ID	VARCHAR2 (8)	Voucher ID		Derived from ODI. Value = NEXT		
VOUCHER_LINE_NUM	NUMBER (38)	Voucher Line Number		Derived from ODI. Value = 1		
DISTRIB_LINE_NUM	NUMBER (38)	Distribution Line		Derived from ODI. Value = 1		
BUSINESS_UNIT_GL	VARCHAR2 (5)	GL Business Unit		Derived from ODI. Value = RMB		
ACCOUNT	VARCHAR2 (10)	Account	CI_DST_CODE_EFF	GL_ACCT (Position 1)	VARCHAR2 (254)	
ALTACCT	VARCHAR2 (10)	Alternate Account				
DEPTID	VARCHAR2 (10)	Department				
STATISTICS_CODE	VARCHAR2 (3)	Statistics Code				
STATISTIC_AMOUNT	NUMBER (15,2)	Statistic Amount		Derived from ODI. Value = 0		
QTY_VCHR	NUMBER (15,4)	Quantity Vouchered		Derived from ODI. Value = 0		
DESCR	VARCHAR2 (30)	Description		Derived from ODI. Value = Blank		
MERCHANDISE_AMT	NUMBER (26,3)	Merchandise Amt	CI_ADJ	ADJ_AMT	NUMBER (15,2)	
BUSINESS_UNIT_PO	VARCHAR2 (5)	PO Business Unit		Derived from ODI. Value = Blank		
PO_ID	VARCHAR2 (10)	PO Number		Derived from ODI. Value = Blank		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
LINE_NBR	NUMBER (38)	Line Number		Derived from ODI. Value = 0		
SCHED_NBR	NUMBER (38)	Schedule Number		Derived from ODI. Value = 0		
PO_DIST_LINE_NUM	NUMBER (38)	PO Distribution Line Number		Derived from ODI. Value = 0		
BUSINESS_UNIT_PC	VARCHAR2 (5)	PC Business Unit		Derived from ODI. Value = Blank		
ACTIVITY_ID	VARCHAR2 (15)	Activity		Derived from ODI. Value = Blank		
ANALYSIS_TYPE	VARCHAR2 (3)	Analysis Type		Derived from ODI. Value = Blank		
RESOURCE_TYPE	VARCHAR2 (5)	Source Type		Derived from ODI. Value = Blank		
RESOURCE_CATEGORY	VARCHAR2 (5)	Category		Derived from ODI. Value = Blank		
RESOURCE_SUB_CAT	VARCHAR2 (5)	Subcategory		Derived from ODI. Value = Blank		
ASSET_FLG	VARCHAR2 (1)	Assets Applicable		Derived from ODI. Value = N		
BUSINESS_UNIT_AM	VARCHAR2 (5)	AM Business Unit		Derived from ODI. Value = Blank		
ASSET_ID	VARCHAR2 (12)	Asset Identification		Derived from ODI. Value = Blank		
PROFILE_ID	VARCHAR2 (10)	Asset Profile Id		Derived from ODI. Value = Blank		
COST_TYPE	VARCHAR2 (1)	Cost Type		Derived from ODI. Value = Blank		
VAT_TXN_TYPE_CD	VARCHAR2 (4)	VAT Transaction Type		Derived from ODI. Value = Blank		
BUSINESS_UNIT_RECV	VARCHAR2 (5)	Receiving Business Unit		Derived from ODI. Value = Blank		
RECEIVER_ID	VARCHAR2 (10)	Receipt Number		Derived from ODI. Value = Blank		
RECV_LN_NBR	NUMBER (38)	Receipt Line		Derived from ODI. Value = 0		
RECV_SHIP_SEQ_NBR	NUMBER (38)	Receiver Shipping Sequence		Derived from ODI. Value = 0		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
RECV_DIST_LINE_NUM	NUMBER (38)	Receiver Distrib Line		Derived from ODI. Value = 0		
OPERATING_UNIT	VARCHAR2 (8)	Operating Unit		Derived from ODI. Value = Blank		
PRODUCT	VARCHAR2 (6)	Product		Derived from ODI. Value = Blank		
FUND_CODE	VARCHAR2 (5)	Fund Code		Derived from ODI. Value = Blank		
CLASS_FLD	VARCHAR2 (5)	Class Field		Derived from ODI. Value = Blank		
PROGRAM_CODE	VARCHAR2 (5)	Program Code		Derived from ODI. Value = Blank		
BUDGET_REF	VARCHAR2 (8)	Budget Reference		Derived from ODI. Value = Blank		
AFFILIATE	VARCHAR2 (5)	Affiliate		Derived from ODI. Value = Blank		
AFFILIATE_INTRA1	VARCHAR2 (10)	Fund Affiliate		Derived from ODI. Value = Blank		
AFFILIATE_INTRA2	VARCHAR2 (10)	Operating Unit Affiliate		Derived from ODI. Value = Blank		
CHARTFIELD1	VARCHAR2 (10)	ChartField 1		Derived from ODI. Value = Blank		
CHARTFIELD2	VARCHAR2 (10)	ChartField 2		Derived from ODI. Value = Blank		
CHARTFIELD3	VARCHAR2 (10)	ChartField 3		Derived from ODI. Value = Blank		
PROJECT_ID	VARCHAR2 (15)	Project		Derived from ODI. Value = Blank		
BUDGET_DT	DATE	Budget Date		Derived from ODI. Value = Null		
ENTRY_EVENT	VARCHAR2 (10)	Entry Event		Derived from ODI. Value = Blank		
ECQUEUEINSTANCE	NUMBER (38)	EC Queue Instance		Derived from ODI. Value = 0		
ECTRANSID	VARCHAR2 (15)	EC Transaction ID		Derived from ODI. Value = Blank		
JRNL_LN_REF	VARCHAR2 (10)	Journal Line Reference		Derived from ODI. Value = Blank		
VAT_APORT_CNTRL	VARCHAR2 (1)	VAT Apportionment Control		Derived from ODI. Value = Blank		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
USER_VCHR_CHAR1	VARCHAR2 (1)	User Character Field		Derived from ODI. Value = Blank		
USER_VCHR_CHAR2	VARCHAR2 (1)	User Character Field 2		Derived from ODI. Value = Blank		
USER_VCHR_DEC	NUMBER (26,3)	User Amount Field		Derived from ODI. Value = 0		
USER_VCHR_DATE	DATE	User Date		Derived from ODI. Value = Null		
USER_VCHR_NUM1	NUMBER (38)	User Number field		Derived from ODI. Value = 0		
USER_DIST_CHAR1	VARCHAR2 (1)	Distribution User Field		Derived from ODI. Value = Blank		
OPEN_ITEM_KEY	VARCHAR2 (30)	Open Item Key		Derived from ODI. Value = Blank		
VAT_RECOVERY_PCT	NUMBER (5,2)	VAT Recovery Percent		Derived from ODI. Value = 0		
VAT_REBATE_PCT	NUMBER (5,2)	VAT Rebate Percent		Derived from ODI. Value = 0		
VAT_CALC_AMT	NUMBER (26,3)	VAT Calculated Amount		Derived from ODI. Value = 0		
VAT_BASIS_AMT	NUMBER (26,3)	VAT Basis Amt		Derived from ODI. Value = 0		
VAT_RCVRY_AMT	NUMBER (26,3)	VAT Recovery Amt		Derived from ODI. Value = 0		
VAT_NRCVR_AMT	NUMBER (26,3)	VAT Non Recoverable		Derived from ODI. Value = 0		
VAT_REBATE_AMT	NUMBER (26,3)	VAT Rebate Amt		Derived from ODI. Value = 0		
VAT_TRANS_AMT	NUMBER (26,3)	VAT Transaction Amount		Derived from ODI. Value = 0		
TAX_CD_VAT_PCT	NUMBER (7,4)	VAT Tax Code Aggregate Pct		Derived from ODI. Value = 0		
VAT_INV_AMT	NUMBER (26,3)	VAT Invoice Amount		Derived from ODI. Value = 0		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
VAT_NONINV_AMT	NUMBER (26,3)	VAT Non-Invoice Amount		Derived from ODI. Value = 0		
BUSINESS_UNIT_WO	VARCHAR2 (5)	Business Unit		Derived from ODI. Value = Blank		
WO_ID	VARCHAR2 (10)	Work Order ID		Derived from ODI. Value = Blank		
WO_TASK_ID	NUMBER (38)	Task Number		Derived from ODI. Value = 0		
RSRC_TYPE	VARCHAR2 (1)	Resource Type		Derived from ODI. Value = Blank		
RES_LN_NBR	NUMBER (38)	Resource Line No.		Derived from ODI. Value = 0		
CUSTOM_C100_D1	VARCHAR2(100)	Custom Field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_D2	VARCHAR2(100	Custom Field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_D3	VARCHAR2(100	Custom Field		New column added in PeopleSoft version 9.2		
CUSTOM_C100_D4	VARCHAR2(100	Custom Field		New column added in PeopleSoft version 9.2		
CUSTOM_C1_D	VARCHAR2(1)	Custom Field		New column added in PeopleSoft version 9.2		

PeopleSoft PS_VCHR_PYMT_STG Mapping to ORMB

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT	VARCHAR2 (5)	Business Unit	CI_CIS_DIV_CHAR	CHAR_VAL	CHAR (16)	
VCHR_BLD_KEY_C1	VARCHAR2 (25)	Voucher Build Key Char 1	CI_SA	CIS_DIVISION	CHAR (5)	
VCHR_BLD_KEY_C2	VARCHAR2 (25)	Voucher Build Key Char 1	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
VCHR_BLD_KEY_N1	NUMBER (10)	Voucher Build Key Num 1		Derived from ODI. Value = 0		
VCHR_BLD_KEY_N2	NUMBER (10)	Vchr Build Key Num 2		Derived from ODI. Value = 0		
VOUCHER_ID	VARCHAR2 (8)	Voucher ID		Derived from ODI. Value = NEXT		

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
PYMNT_CNT	NUMBER (38)	Payments		Derived from ODI. Value = 1		
BANK_CD	VARCHAR2 (5)	Bank Code		Derived from ODI. Value = USBNK		
BANK_ACCT_KEY	VARCHAR2 (4)	Bank Account		Derived from ODI. Value = CHCK		
PYMNT_METHOD	VARCHAR2 (3)	Payment Method		Derived from ODI. Value = CHK		
PYMNT_MESSAGE	VARCHAR2 (70)	Payment Message	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	CI_ADJ_APRE Q
PYMNT_VCHR_PCT	NUMBER (31,15)	Payment Voucher Ratio		Derived from ODI. Value = 0		
PYMNT_HANDLING_CD	VARCHAR2 (2)	Payment Handling		Derived from ODI. Value = RE		
PYMNT_HOLD	VARCHAR2 (1)	Hold Payment		Derived from ODI. Value = Blank		
PYMNT_HOLD_REASON	VARCHAR2 (3)	Hold Reason		Derived from ODI. Value = Blank		
MESSAGE_CD	VARCHAR2 (6)	Message Code		Derived from ODI. Value = Blank		
PYMNT_GROSS_AMT	NUMBER (26,3)	Gross Payment Amount	CI_ADJ	ADJ_AMT	NUMBER (15,2)	
PYMNT_SEPARATE	VARCHAR2 (1)	Separate Payment		Derived from ODI. Value = N		
SCHEDULED_PAY_DT	DATE	Scheduled to Pay	CI_ADJ_APREQ	SCHEDULED_ PAY_DT	DATE	
PYMNT_ACTION	VARCHAR2 (1)	Payment Action		Derived from ODI. Value = S		
PYMNT_ID_REF	VARCHAR2 (20)	Payment Reference		Derived from ODI. Value = Blank		
PYMNT_GROUP_CD	VARCHAR2 (2)	Pay Group Code		Derived from ODI. Value = Blank		
EFT_LAYOUT_CD	VARCHAR2 (10)	EFT Layout Code		Derived from ODI. Value = Blank		

PeopleSoft PS_VCHR_VNDR_STG Mapping to ORMB

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
BUSINESS_UNIT	VARCHAR2 (5)	Business Unit	CI_CIS_DIV_CHAR	CHAR_VAL	CHAR (16)	

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
VCHR_BLD_KEY_C1	VARCHAR2 (25)	Voucher Build Key Char 1	CI_SA	CIS_DIVISION	CHAR (5)	
VCHR_BLD_KEY_C2	VARCHAR2 (25)	Voucher Build Key Char 1	CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	
VCHR_BLD_KEY_N1	NUMBER (10)	Voucher Build Key Num 1		Derived from ODI. Value = 0		
VCHR_BLD_KEY_N2	NUMBER (10)	Vchr Build Key Num 2		Derived from ODI. Value = 0		
VOUCHER_ID	VARCHAR2 (8)	Voucher ID		Derived from ODI. Value = NEXT		
NAME1	VARCHAR2 (40)	Name 1	CI_ADJ_APREQ	ENTITY_NAME	VARCHAR2 (64)	
EMAILID	VARCHAR2 (70)	Email ID		Derived from ODI. Value = Blank		
COUNTRY	VARCHAR2 (3)	Country	CI_ADJ_APREQ	COUNTRY	CHAR (3)	
ADDRESS1	VARCHAR2 (55)	Address Line 1	CI_ADJ_APREQ	ADDRESS1	VARCHAR2 (64)	
ADDRESS2	VARCHAR2 (55)	Address Line 2	CI_ADJ_APREQ	ADDRESS2	VARCHAR2 (64)	
ADDRESS3	VARCHAR2 (55)	Address Line 3	CI_ADJ_APREQ	ADDRESS3	VARCHAR2 (64)	
ADDRESS4	VARCHAR2 (55)	Address Line 4	CI_ADJ_APREQ	ADDRESS4	VARCHAR2 (64)	
CITY	VARCHAR2 (30)	City	CI_ADJ_APREQ	CITY	VARCHAR2 (30)	
NUM1	VARCHAR2 (6)	Number 1		Derived from ODI. Value = Blank		
NUM2	VARCHAR2 (4)	Number 2		Derived from ODI. Value = Blank		
HOUSE_TYPE	VARCHAR2 (2)	House Type		Derived from ODI. Value = Blank		
ADDR_FIELD1	VARCHAR2 (2)	Address Field 1		Derived from ODI. Value = Blank		
ADDR_FIELD2	VARCHAR2 (4)	Address Field 2		Derived from ODI. Value = Blank		
ADDR_FIELD3	VARCHAR2 (4)	Address Field 3		Derived from ODI. Value = Blank		
COUNTY	VARCHAR2 (30)	County	CI_ADJ_APREQ	COUNTY	VARCHAR2 (30)	

Columns	Data Type	Description	ORMB Table	Columns	Data Type	Remarks
STATE	VARCHAR2 (6)	State	CI_ADJ_APREQ	STATE	CHAR (6)	
POSTAL	VARCHAR2 (12)	Postal Code	CI_ADJ_APREQ	POSTAL	CHAR (12)	
GEO_CODE	VARCHAR2 (11)	Tax Vendor Geographical Code	CI_ADJ_APREQ	GEO_CODE	CHAR (11)	
IN_CITY_LIMIT	VARCHAR2 (1)	In City Limit	CI_ADJ_APREQ	IN_CITY_LIMIT	VARCHAR (1)	
NAME2	VARCHAR2 (40)	Name2	CI_ADJ_APREQ			New column added in PeopleSoft version 9.1

8.1.3 A/P Data

8.1.3.1 PeopleSoft Accounting A/P Data table mapping to ORMB

ORMB Table	Columns	Data Type	Description	PS Table	Columns	Data Type	Remarks
CI_ADJ_APREQ	PAY_DOC_ID	VARCHAR2 (20)	Advice ID	PS_PAYMENT_TBL	PYMNT_ID_REF	VARCHAR2 (20)	
CI_ADJ_APREQ	PAY_DOC_DT	DATE	Advice Date	PS_PAYMENT_TBL	PYMNT_DT	DATE	
CI_ADJ_APREQ	PYMNT_ID	CHAR (10)	Payment Number	PS_PAYMENT_TBL	PYMNT_ID	VARCHAR2 (10)	
CI_ADJ_APREQ	PAID_AMT	NUMBER (15,2)	Paid Amount	PS_PAYMENT_TBL	PYMNT_AMT	NUMBER (26,3)	
CI_ADJ_APREQ	PYMNT_SEL_STAT_FLG	CHAR (1)	Payment Selection Status		Derived from ODI. Value = P		
CI_ADJ_APREQ	AP_REQ_ID	CHAR (12)	A/P Request ID	PS_PYMNT_VCHR_XREF	PYMNT_MES SAGE	VARCHAR2 (70)	

ORMB Table	Columns	Data Type	Description	PS Table	Columns	Data Type	Remarks
CI_ADJ_APRE Q	ADJ_ID	CHAR (12)	Adjustment ID	PS_VOUCHER	INVOICE_ID	VARCHAR2 (30)	When liability is closed the AdjustmentMaintenance service is invoked for this Adjustment ID.
CI_ADJ_APRE Q	PYMNT_SEL_STAT_FLG	CHAR (1)	Payment Selection Status		Derived from ODI When PS_PAYMENT_TBL.CANCEL_ACTION =R or H then Value=C When PS_PAYMENT_TBL.CANCEL_ACTION =C then Value=X		
CI_ADJ_APRE Q	CAN_RSN_CD	CHAR (4)	Cancel Reason Code				APVC

9. ODI Process Flow

The ODI artifacts are run as scenarios in production environments. Scenarios can be scheduled based on the frequency of transformation of particular flows. Executing the scenarios will transform the data for PeopleSoft and populate the requisite interface tables.

9.1 GL Flow

9.1.1 The GL (PS_GL_PKG) Flow

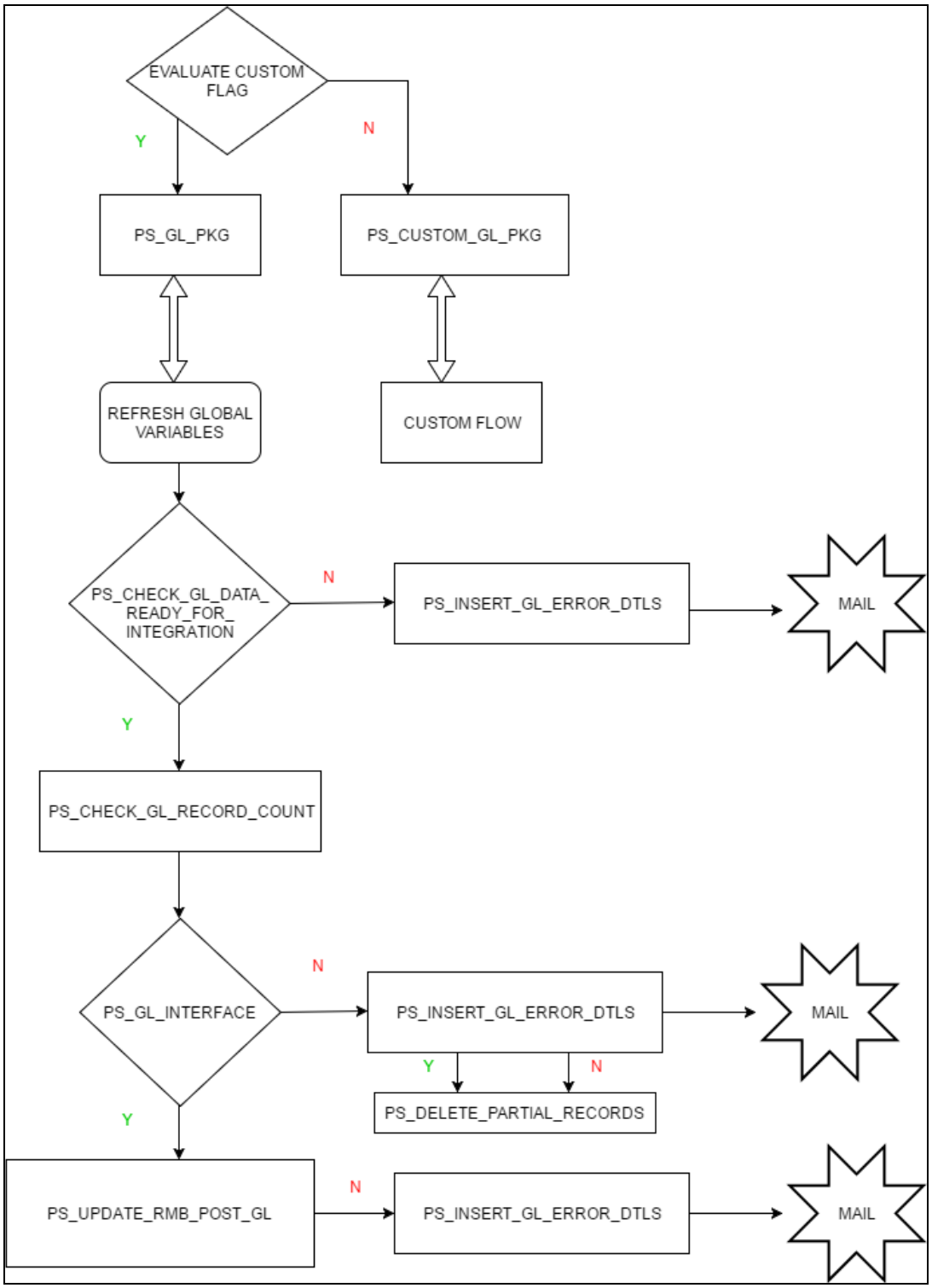


Figure: 1

In this flow:

- The variables are refreshed during every run with the latest data from INTEGRATION_LOOKUP table.
- Once the variables are refreshed, the next step is to check whether the data is ready for integration
- If the flow fails, then it raises error and stores it in the INTEGRATION_ERROR_STORE table and sends a mail to the admin user.
- If the above flow passes, then it goes to the PS_CHECK_GL_RECORD_COUNT, where it gets the BATCH_NUMBER for the latest GL run.
- The next step is to push data from ORMB into PeopleSoft using PS_GL_INTERFACE in ODI
- If the interface runs successfully, then the record gets stored into PS_JGEN_ACCT_ENTRY table in PeopleSoft for that BATCH_NUMBER.
- If the interface fails, then the error record is inserted to the INTEGRATION_ERROR_STORE table and a mail notification is sent to the admin user and data for that BATCH_NUMBER is deleted from PS_JGEN_ACCT_ENTRY table.
- The next step is to update the BATCH_NUMBER in the INTEGRATION_LOOKUP table for the next GL run.
- In case of any error, then error table is populated and email notification is sent to admin user.

9.1.1.1 CUSTOM PACKAGE (PS_CUSTOM_GL_PKG):

In this flow:

- The custom package is same as the base package in the default installation.
- In case of any customization to be done , the changes can be made in the following ODI artifacts:
  - CUSTOM_PS_GL_TEMP_INTERFACE
  - CUSTOM_PS_GL_INTERFACE

Note: The custom flow is left for the user to customize.

9.1.1.2 PS_MASTER_GL_PKG:

In this package as depicted in the flow diagram reference Figure: 1

- The flow of the package is based on the value PS_LOOKUP_GL_FLAG in the INTEGRATION_LOOKUP table which is set to ‘N’ by default during installation.
- In the default installation, base package PS_GL_PKG will always be executed.
- If the user wants to execute the custom package CUSTOM_PS_GL_PKG, then the value PS_LOOKUP_GL_FLAG in the INTEGRATION_LOOKUP table should be changed.

Execute the following scenario for GL Request. Based on the customization flags value, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_GL_PKG Version 001

9.2 AP Request Flow

9.2.1 The APREQ (PS_APREQ_PKG) Flow

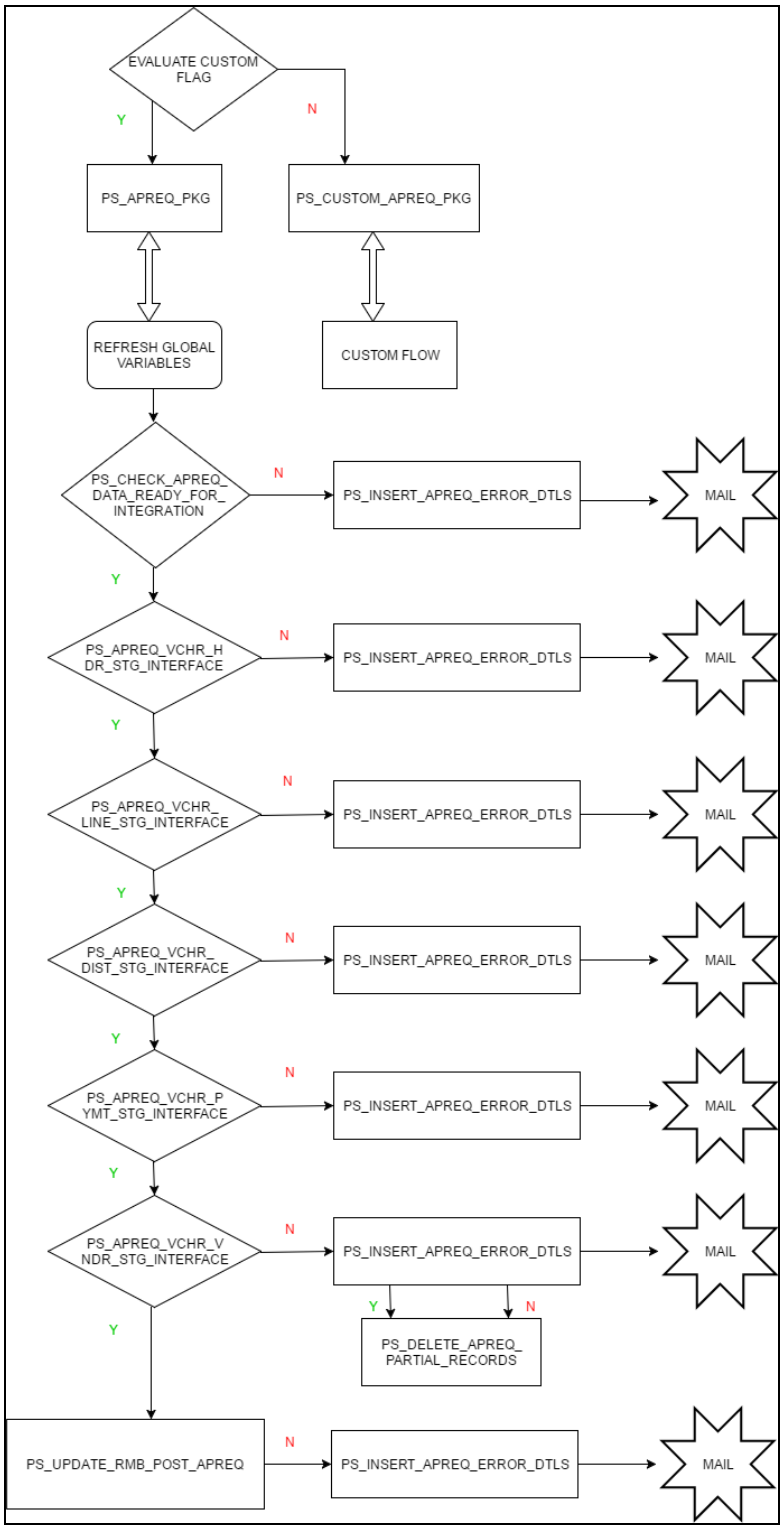


Figure: 2

In this flow:

- The variables are refreshed during every run with the latest data from INTEGRATION_LOOKUP table.
- Once the variables are refreshed, the next step is to check whether the data is ready for integration.
- If the flow fails, then it raises error and stores it in the INTEGRATION_ERROR_STORE table and sends a mail to the admin user.
- If the above flow passes, then it pushes data into PS_APREQ_VCHR_HDR_STG using PS_APREQ_VCHR_HDR_STG_INTERFACE in ODI.
- The next step is to push data into PS_APREQ_VCHR_LINE_STG using PS_APREQ_VCHR_LINE_STG_INTERFACE in ODI.
- The next step is to push data into PS_APREQ_VCHR_DIST_STG using PS_APREQ_VCHR_DIST_STG_INTERFACE in ODI.
- The next step is to push data into PS_APREQ_VCHR_PYMT_STG using PS_APREQ_VCHR_PYMT_STG_INTERFACE in ODI.
- The next step is to push data into PS_APREQ_VCHR_VNDR_STG using PS_APREQ_VCHR_VNDR_STG_INTERFACE in ODI.
- In case of any error, then the error record is inserted to the INTEGRATION_ERROR_STORE table and a mail notification is sent to the admin user
- The next step is to update the BATCH_NUMBER in the INTEGRATION_LOOKUP table for the next Adjustment.
- • In case of any error, then error table is populated and email notification is sent to admin user.

9.2.2 CUSTOM PACKAGE (PS_CUSTOM_APREQ_PKG):

In this flow:

- The custom package is same as the base package in the default installation.
- In case of any customization to be done , the changes can be made in the following ODI artifacts:
  - CUSTOM_APREQ_VCHR_DIST_STG_INTERFACE
  - CUSTOM_APREQ_VCHR_HDR_STG_INTERFACE
  - CUSTOM_APREQ_VCHR_PYMT_STG_INTERFACE
  - CUSTOM_APREQ_VCHR_LINE_STG_INTERFACE
  - CUSTOM_APREQ_VCHR_VNDR_STG_INTERFACE
  - CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_CIS_DIV_CHAR
  - CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_DST_CD_CHAR
  - CUSTOM_PS_APREQ_TEMP_EFFDT_FRM_DST_CODE_EFF_CHAR

Note: The custom flow is left for the user to customize.

9.2.3 PS_MASTER_APREQ_PKG:

In this package as depicted in the flow diagram reference **Figure: 2** in The APREQ (PS_APREQ_PKG) Flow section.

- The flow of the package is based on the value PS_LOOKUP_AP_FLAG stored in the INTEGRATION_LOOKUP table which is set to 'N' by default during installation.
- In the default installation, base package PS_APREQ_PKG will always be executed.
- If the user wants to execute the custom package CUSTOM_PS_APREQ_PKG, then the value PS_LOOKUP_AP_FLAG in the INTEGRATION_LOOKUP table should be changed.

Execute the following scenario for AP Request. Based on the customization flags value, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_APREQ_PKG Version 001

9.3 APDATA Flow

9.3.1 The APDATA (PS_APDATA_PKG) Flow

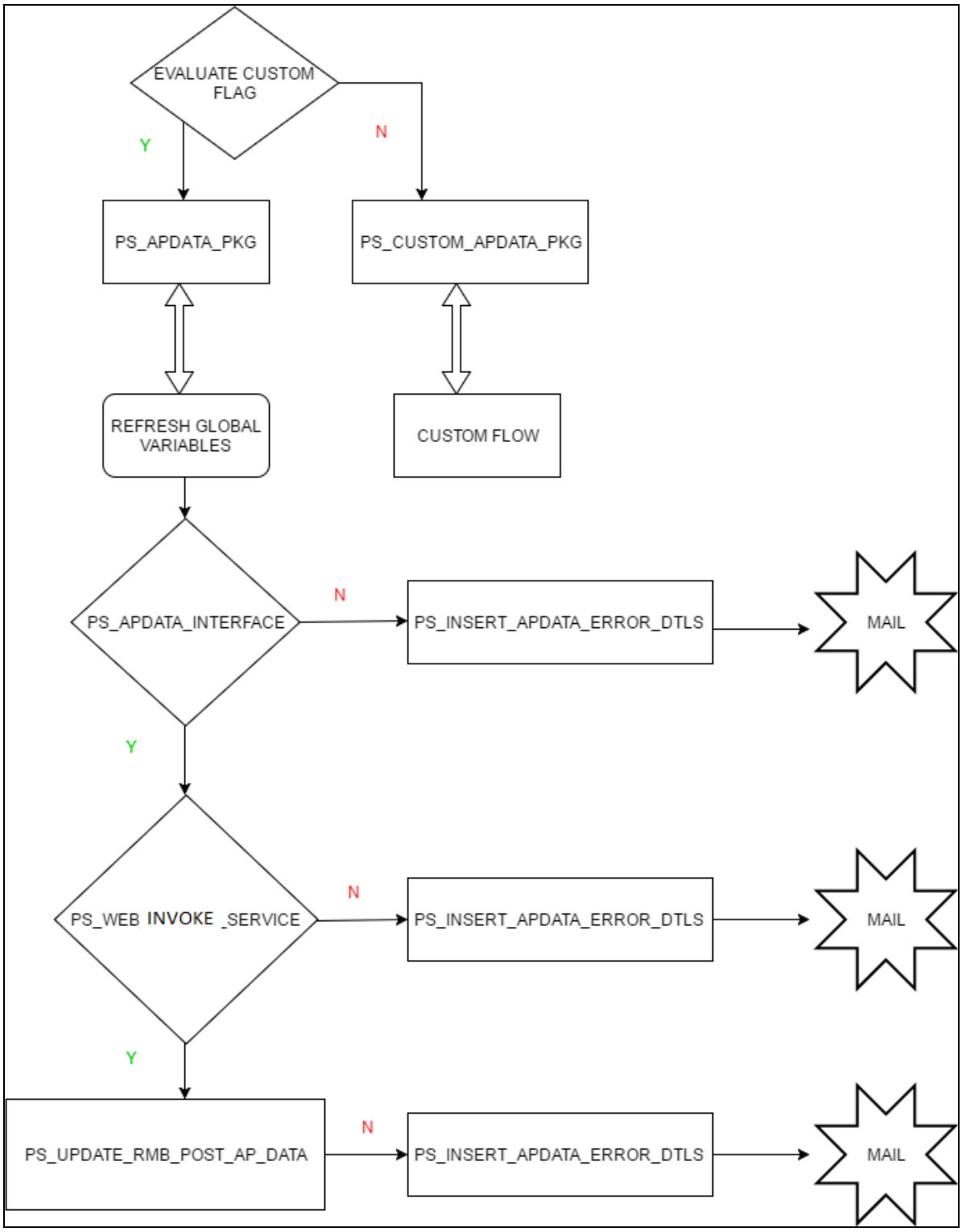


Figure: 3

In this flow:

- The variables are refreshed during every run with the latest data from INTEGRATION_LOOKUP table.
- Once the variables are refreshed, the next step is to push data into ORMB (CI_ADJ_APREQ) table using PS_APDATA_INTERFACE in ODI.
- If the flow fails, then it raises error and stores it in the INTEGRATION_ERROR_STORE table and sends a mail to the admin user.
- If the above flow passes, the next step is to invoke the web service using PS_INVOKE_WEB_SERVICE in ODI for the selected Adjustment.
- If the flow fails, then the error record is inserted to the INTEGRATION_ERROR_STORE table and a mail notification is sent to the admin user.
- The next step is to update the LAST RUN DATETIME in the INTEGRATION_LOOKUP table.
- In case of any error, then error table is populated and email notification is sent to admin user.

9.3.2 Custom Package Flow

In this flow:

- The custom package is same as the base package in the default installation.
- In case of any customization to be done , the changes can be made in the following ODI artifacts:
  - CUSTOM_PS_APDATA_INTERFACE

Note: The custom flow is left for the user to customize.

9.3.3 PS_MASTER_APDATA_PKG:

In this package as depicted in the flow diagram reference **Figure: 3** in the The APDATA (PS_APDATA_PKG) Flow section.

- The flow of the package is based on the value PS_LOOKUP_APDATA_FLAG in the INTEGRATION_LOOKUP table which is set to 'N' by default during installation.
- In the default installation, base package PS_APDATA_PKG will always be executed.
- If the user wants to execute the custom package CUSTOM_PS_APDATA_PKG, then the value PS_LOOKUP_APDATA_FLAG in the INTEGRATION_LOOKUP table should be changed.

Execute the following scenario for APDATA. Based on the customization flags value, respective scenarios will be invoked from the following master scenario.

Scenario to execute	PS_MASTER_APDATA_PKG Version 001