

**Oracle Utilities Customer Cloud Service
Integration to Oracle ERP Financial Cloud
for General Ledger and Accounts Payable**

Data Mapping Guide

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Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable Data Mapping Guide

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Preface

Welcome to the Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable Data Mapping Guide.

The preface includes the following:

- [Audience](#)
- [Documentation and Resources](#)
- [Updates to Documentation](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Acronyms](#)

Audience

This document is intended for anyone implementing the integration of the following products with Oracle Application Cloud - ERP Financial Cloud (General Ledger and Account Payable).

- Oracle Utilities Customer Cloud Service
- Oracle Utilities Customer Care and Billing
- Oracle ERP Financial Cloud

Documentation and Resources

For more information regarding this integration, foundation technology and the edge applications, refer to the following documents:

Product Documentation

Topic	Location
Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable documentation	https://docs.oracle.com/en/industries/utilities/integrations-index.html
Oracle Utilities Customer Cloud Service documentation	https://docs.oracle.com/en/industries/utilities/customer-cloud-service/
Oracle Utilities Customer Care and Billing documentation	https://docs.oracle.com/en/industries/energy-water/ccb/
Oracle ERP Financial Cloud documentation	https://docs.oracle.com/en/cloud/saas/financials/22d/facsf/index.html#FACSF3097251

Additional Documentation

Resource	Location
Oracle Integration Cloud Service documentation	Refer to the OIC documentation at: https://docs.oracle.com/en/cloud/paas/integration-cloud/index.html
Oracle Support	<p>Visit My Oracle Support at https://support.oracle.com regularly to stay informed about updates and patches.</p> <p>Refer to the <i>Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)</i> on My Oracle Support to determine if support for newer versions of the listed products is included.</p> <p>For more information, refer to the Oracle Utilities Integrations page at http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm</p>

Resource	Location
Oracle Technology Network (OTN) latest versions of documents	http://www.oracle.com/technetwork/index.html
Oracle University for training opportunities	http://education.oracle.com/

Updates to Documentation

The complete Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable documentation set is available from Oracle Help Center at <https://docs.oracle.com/en/industries/energy-water/index.html>.

Visit [My Oracle Support](#) for additional and updated information about the product.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support for the hearing impaired. Visit: <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs>

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Acronyms

The following terms are used in this document:

Term	Expanded Form
ERP	Oracle Application Cloud
FIN	Financial
UCM	Universal Content Management
AP DATA	Account Payable Data
AP Request	Account Payable One-time Payment request from CCS
CCS	Oracle Utilities Customer Cloud Service
CCB	Oracle Utilities Customer Care and Billing
GL	General Ledger

Chapter 1

Data Mapping

This appendix provides mapping details for each integration point, including the following:

- [General Ledger \(Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing Initiated\)](#)
- [Account Payable Payment Request \(Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing Initiated\)](#)
- [Account Payable Data \(Oracle ERP Financial Cloud Initiated\)](#)

General Ledger (Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing Initiated)

In this integration, the file created in Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing uses the FBDI template for Import Journal to create a CSV file in Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing.

The “.zip” file is loaded into UCM for further processing in Oracle ERP Financial Cloud.

For the **Import Journal** template refer to <https://docs.oracle.com/en/cloud/saas/financials/21b/oefbf/general-ledger.html#journalimport-3142>

Note: In the following table, blank values are passed as placeholders in “csv”.

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
*Status Code	NEW	Journal Import Status Default by CCS in Batch report.
*Ledger ID		Ledger ID from the Manage Primary Ledger page in ERP. Defaulted in CCS.
*Effective Date of Transaction	CL_FT (ACCOUNTING_DT)	Accounting Date. Should be in YYYY/MM/DD format.
*Journal Source		Journal Entry Source Name. Defaulted in CCS as per ERP configuration.
*Journal Category		Journal Category Name for the transaction. Must be a valid value in Manage Journal Categories Setup Task Page in ERP. Populated /Defaulted by CCS.
*Currency Code	CL_FT (CURRENCY_CD)	Must be a valid value in Manage Currencies Task Page in ERP. Use 3 character ISO currency code (Example: USD)
*Journal Entry Creation Date	SYSDATE	Journal Creation Date in YYYY/MM/DD format.

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
*Actual Flag	A	Balance Type of the Journal. Defaulted "A" by CCS
Segment1	CI_FT_GL (GL_ACCT Position1)	Distribution Codes Configuration in CCS to reflect the General Ledger accounts in the ERP. From Segment 1 to 10
Segment2	CI_FT_GL (GL_ACCT Position2)	
Segment3	CI_FT_GL (GL_ACCT Position3)	
Segment4	CI_FT_GL (GL_ACCT Position4)	
Segment5	CI_FT_GL (GL_ACCT Position5)	
Segment6	CI_FT_GL (GL_ACCT Position6)	
Segment7	CI_FT_GL (GL_ACCT Position7)	
Segment8	CI_FT_GL (GL_ACCT Position8)	
Segment9	CI_FT_GL (GL_ACCT Position9)	
Segment10	CI_FT_GL (GL_ACCT Position10)	
Up to Segment30		CCS has functionality for 10 Segment. For the next 20 Segment CCS batch report will pass a Blank Value.
Entered Debit Amount	CI_FT_GL, (Amount)	Blank if the Amount is negative. Amount columns must not contain a thousand separator and must use a period (.) as the decimal separator.
Entered Credit Amount	CI_FT_GL, (AMOUNT)	Blank if the Amount is positive. Amount columns must not contain a thousand separator and must use a period (.) as the decimal separator.
Converted Debit Amount		

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
Converted Credit Amount		
REFERENCE1 (Batch Name)	CI_FT_PROC, (BATCH_CD)	
REFERENCE2 (Batch Description)		
REFERENCE4 (Journal Entry Name)		
REFERENCE5 (Journal Entry Description)		
REFERENCE6 (Journal Entry Reference)		
REFERENCE7 (Journal Entry Reversal flag)		
REFERENCE8 (Journal Entry Reversal Period)		
REFERENCE9 (Journal Reversal Method)		
REFERENCE10 (Journal Entry Line Description)		
Statistical Amount		
Currency Conversion Type		
Currency Conversion Date		
Currency Conversion Rate		
Interface Group Identifier	CI_FT_PROC, (BATCH_NBR)	A number used for grouping of Journals.
Context field for Journal Entry Line DFF		
ATTRIBUTE1 Value for Journal Entry Line DFF		
ATTRIBUTE2 Value for Journal Entry Line DFF		
ATTRIBUTE3 Value for Journal Entry Line DFF		

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
ATTRIBUTE4 Value for Journal Entry Line DFF		
ATTRIBUTE5 Value for Journal Entry Line DFF		
ATTRIBUTE6 Value for Journal Entry Line DFF		
ATTRIBUTE7 Value for Journal Entry Line DFF		
ATTRIBUTE8 Value for Journal Entry Line DFF		
ATTRIBUTE9 Value for Journal Entry Line DFF		
ATTRIBUTE10 Value for Journal Entry Line DFF		
Attribute11 Value for Captured Information DFF		
Attribute12 Value for Captured Information DFF		
Attribute13 Value for Captured Information DFF		
Attribute14 Value for Captured Information DFF		
Attribute15 Value for Captured Information DFF		
Attribute16 Value for Captured Information DFF		
Attribute17 Value for Captured Information DFF		

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
Attribute18 Value for Captured Information DFF		
Attribute19 Value for Captured Information DFF		
Attribute20 Value for Captured Information DFF		
Context field for Captured Information DFF		
Clearing Company		
Ledger Name		
Encumbrance Type ID		
Reconciliation Reference		

Account Payable Payment Request (Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing Initiated)

In this integration, the file created in Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing uses the FB DI template for “Payable Payment Request Import” to create a CSV file in Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing.

The “.zip” file is loaded into UCM for further processing in Oracle ERP Financial Cloud that creates Invoice header and Invoice line.

The Import Payables Payment Requests process to create payment requests from data in the Payment Request interface table. After the import is complete, the invoices are available.

The template for “Payable Payment Request Import” 22C is available at: <https://docs.oracle.com/en/cloud/saas/financials/22C/oefbf/payables.html#payablespaymentrequestimport-3019>.

Note: Blank values are passed as placeholders in “csv”.

FB DI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
Transaction Identifier	CI_ADJ_APREQ (AP_REQ_ID)	
Party Name	CI_ADJ_APREQ (ENTITY_NAME)	
Party Original System Reference	SA_ID	
Party Type	Person, Organization, Group or Relationship	
Location Original System Reference	PREM_ID	
Country	CI_ADJ_APREQ (COUNTRY)	
Address Line 1	CI_ADJ_APREQ (Address 1)	
Address Line 2	CI_ADJ_APREQ (Address 2)	
Address Line 3	CI_ADJ_APREQ (Address 3)	
Address Line 4	CI_ADJ_APREQ (Address 4)	
Phonetic Address Line		
Address Element Attribute 1		
Address Element Attribute 2		

FBDI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
Address Element Attribute 3		
Address Element Attribute 4		
Address Element Attribute 5		
Building		
Floor Number		
City	CI_ADJ_APREQ (City)	
State	CI_ADJ_APREQ (State)	
Province		
County		
Postal code	CI_ADJ_APREQ (Postal)	
Postal Plus 4 code		
Addressee		
Global Location Number		
Language		
Phone Country Code		
Phone Area Code		
Phone		
Phone Extension		
Payee E-mail address		
Party Tax Registration Number		
Account Country Code		
Account Currency Code		

**FBDI Values for
AP_PAYMENT_REQUESTS_INT****Oracle Utilities Customer Cloud Service/
Oracle Utilities Customer Care and Billing
Source Value****Comments (DATA Mapping Comment)**

Account Number

IBAN

Secondary Account Reference

Account Name

Account Type Code

Bank Name

Bank Number

Bank Branch Name

Bank Branch Number

BIC

Check Digits

Account Description

Account Alternate Name

*Business Unit

Use Business Unit Value in the report configuration in CCS

*Source

Default a value in CCB. Setup in ERP, define the value at Payables Lookup, Type= Source).

*Invoice Number

CI_ADJ (ADJ_ID)

*Invoice Date

CI_ADJ (CRE_DT)

*Currency

CI_ADJ (CURRENCY_CD)

Description

Import Set

Legal Entity

Payment Terms

**FBDI Values for
AP_PAYMENT_REQUESTS_INT**

**Oracle Utilities Customer Cloud Service/
Oracle Utilities Customer Care and Billing
Source Value**

Comments (DATA Mapping Comment)

Payment Method

Pay Group

Liability Combination

Document Category Code

Voucher Number

Requester First Name

Requester Last Name

Payment Priority

Payment Reason Comments

Attribute Category

Attribute 1

Attribute 2

Attribute 3

Attribute 4

Attribute 5

Attribute 6

Attribute 7

Attribute 8

Attribute 9

Attribute 10

Attribute 11

Attribute 12

FBDI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service/ Oracle Utilities Customer Care and Billing Source Value	Comments (DATA Mapping Comment)
Attribute 13		
Attribute 14		
Attribute 15		
Attribute Number 1		
Attribute Number 2		
Attribute Number 3		
Attribute Number 4		
Attribute Number 5		
Attribute Date 1		
Attribute Date 2		
Attribute Date 3		
Attribute Date 4		
Attribute Date 5		
Line Number		The number of the invoice line.
*Amount	CL_ADJ (ADJ_AMT)	
Line Description		Additional or detailed information about the invoice line. This information can be displayed on the check comment.
Distribution Combination		Account Combination used for creating invoice distribution. Generally, if left blank, value will be defaulted from setup.
Distribution Set		
Line Requester First Name		
Line Requester Last Name		
Line Attribute Category		

**FBDI Values for
AP_PAYMENT_REQUESTS_INT**

**Oracle Utilities Customer Cloud Service/
Oracle Utilities Customer Care and Billing
Source Value**

Comments (DATA Mapping Comment)

Line Attribute 1

Line Attribute 2

Line Attribute 3

Line Attribute 4

Line Attribute 5

Line Attribute 6

Line Attribute 7

Line Attribute 8

Line Attribute 9

Line Attribute 10

Line Attribute 11

Line Attribute 12

Line Attribute 13

Line Attribute 14

Line Attribute 15

Line Attribute Number 1

Line Attribute Number 2

Line Attribute Number 3

Line Attribute Number 4

Line Attribute Number 5

Line Attribute Date 1

Line Attribute Date 2

**FBDI Values for
AP_PAYMENT_REQUESTS_INT**

**Oracle Utilities Customer Cloud Service/
Oracle Utilities Customer Care and Billing
Source Value**

Comments (DATA Mapping Comment)

Line Attribute Date 3

Line Attribute Date 4

Line Attribute Date 5

Account Payable Data (Oracle ERP Financial Cloud Initiated)

This integration is needed when an implementation uses Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing for customer and revenue management and uses Oracle ERP Financial Cloud for Payables.

When a customer in Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing needs to be refunded, Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing sends an AP Request to the Oracle ERP Financial Cloud for payment processing. Once the payment is processed or cancelled, the payment or cancellation information is sent to Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing. Oracle Utilities Customer Cloud Service/Oracle Utilities Customer Care and Billing updates the Adjustment AP Request table with the information and update Adjustment table if applicable.

Financials - Payables Payment Created Event	CCB REST IWS: C1-APCheckRequest	DVM Mapping
Currency Code	paymentCurrency	CCBERPFIN_Currency
Amount	paidAmount	
Check Date	paymentDate	
Check Number	paymentNumber	
Payment Method Name	paymentMethod	CCBERPFIN_PaymentMethod