

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

Data Mapping Guide

Release 20B

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Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable Data Mapping Guide, Release 20B

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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 Data Mapping Guide.

The preface includes the following:

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

## Audience

This document is intended for anyone implementing the integration of the following products with Oracle Field Service Cloud:

- Oracle Utilities Customer Cloud Service

## Documentation and Resources

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

### Product Documentation

Topic	Description
Oracle Utilities Customer Cloud Service Integration to Oracle ERP Financial Cloud for General Ledger and Accounts Payable Data Mapping Guide documentation	Refer to the Oracle Utilities applications documentation page: <a href="http://docs.oracle.com/cd/E72219_01/documentation.html">http://docs.oracle.com/cd/E72219_01/documentation.html</a>
Oracle Utilities Customer Cloud Service documentation	
Oracle ERP Financial Cloud Documentation	<a href="https://docs.oracle.com/en/cloud/saas/financials/20c/facsf/implement-oracle-financials-cloud.html#FACSF3097251">https://docs.oracle.com/en/cloud/saas/financials/20c/facsf/implement-oracle-financials-cloud.html#FACSF3097251</a>

### Additional Documentation

Resource	Location
Oracle Support	Visit My Oracle Support at <a href="https://support.oracle.com">https://support.oracle.com</a> regularly to stay informed about updates and patches.
Oracle Technology Network (OTN) Latest versions of documents	<a href="http://www.oracle.com/technetwork/index.html">http://www.oracle.com/technetwork/index.html</a>
Oracle University for training opportunities	<a href="http://education.oracle.com/">http://education.oracle.com/</a>

## 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
<b>boldface</b>	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
GL	General Ledger

# Appendix A

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## Data Mapping

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

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

## General Ledger (Oracle Utilities Customer Cloud Service Initiated)

In this integration, the file created in Oracle Utilities Customer Cloud Service uses the FBFI template for Import Journal to create a CSV file in Oracle Utilities Customer Cloud Service.

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/20c/oefbf/general-ledger.html#journalimport-3142>

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

FBFI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service 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	CI_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	CI_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.
*Actual Flag	A	Balance Type of the Journal.  Defaulted “A” by CCS



FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service Source Value	Comments (DATA Mapping Comment)
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		
Converted Credit Amount		
REFERENCE1 (Batch Name)	CI_FT_PROC, (BATCH_CD)	

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service Source Value	Comments (DATA Mapping Comment)
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	CL_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		
ATTRIBUTE4 Value for Journal Entry Line DFF		

FBDI Values for GL_INTERFACE TABLE	Oracle Utilities Customer Cloud Service Source Value	Comments (DATA Mapping Comment)
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 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 Initiated)

In this integration, the file created in Oracle Utilities Customer Cloud Service uses the FBFI template for “Payable Payment Request Import” to create a CSV file in Oracle Utilities Customer Cloud Service.

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 20C of “Payable Payment Request Import” is found at: <https://docs.oracle.com/en/cloud/saas/financials/20a/oefbf/payables.html#payablespaymentrequestimport-3019>.

**Note:** Blank Value in the below tables are passed as a Placeholder in “csv”.

FBFI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service 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		
Address Element Attribute 3		

FBDI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service Source Value	Comments (DATA Mapping Comment)
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 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		

**FBDI Values for  
AP\_PAYMENT\_REQUESTS\_INT**

**Oracle Utilities Customer Cloud Service  
Source Value**

**Comments (DATA Mapping Comment)**

Legal Entity

Payment Terms

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



FBDI Values for AP_PAYMENT_REQUESTS_INT	Oracle Utilities Customer Cloud Service Source Value	Comments (DATA Mapping Comment)
Attribute 10		
Attribute 11		
Attribute 12		
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.

**FBDI Values for  
AP\_PAYMENT\_REQUESTS\_INT**

**Oracle Utilities Customer Cloud Service  
Source Value**

**Comments (DATA Mapping Comment)**

Distribution Set

Line Requester First Name

Line Requester Last Name

Line Attribute Category

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

**FBDI Values for  
AP\_PAYMENT\_REQUESTS\_INT**

**Oracle Utilities Customer Cloud Service  
Source Value**

**Comments (DATA Mapping Comment)**

Line Attribute Number 3

Line Attribute Number 4

Line Attribute Number 5

Line Attribute Date 1

Line Attribute Date 2

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 for customer and revenue management and uses Oracle ERP Financial Cloud for Payables.

When a customer in Oracle Utilities Customer Cloud Service needs to be refunded, Oracle Utilities Customer Cloud Service 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 Cloud Service updates the Adjustment AP Request table with the information and update Adjustment table if applicable.

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