

## Welcome

Welcome to the More4apps ERP Cloud Toolbox Finance Module.

Through the use of our Microsoft Excel ERP Cloud Toolbox Add-in, More4apps now offers a new Oracle Cloud solution, providing assistance with data processing, manipulation and cleansing of the Oracle ERP Cloud Finance area.

The Finance Module contains a growing list of Integrators. It currently performs the following:

Integrator	Tasks
Payables Invoices	<ul style="list-style-type: none"><li>Create invoices, debit memos, and credit memos.</li><li>Create invoices with headers only.</li><li>Create invoice lines with GL accounts, distribution sets, purchase orders, or project account information.</li><li>Download Purchase Order details for easy matching to invoices.</li><li>DFF and Global DFF support at header, lines and distributions.</li><li>Attachment upload.</li><li>Holds during invoice creation.</li><li>Add holds to existing invoices.</li><li>Download existing invoices, credit memos, debit memos and their associated lines and distributions.</li><li>Run Payables Invoice Validation during invoice creation.</li><li>Run Payables Calculate Tax during invoice creation.</li></ul>
Receivables Invoices	<ul style="list-style-type: none"><li>Create invoices - Excludes credit &amp; debit memos.</li><li>Create invoices with headers and lines using AutoAccounting.</li><li>Create invoices with headers, lines and distributions.</li><li>DFF and Global DFF support at header, lines and distributions.</li><li>Header Attachment upload.</li></ul>
Receivables On-Account Credit Memos	<ul style="list-style-type: none"><li>Create Credit Memos with headers and lines using AutoAccounting.</li><li>Create Credit Memos with headers, lines and distributions.</li><li>Apply new or existing on account credit memos to existing transactions.</li><li>DFF and Global DFF support at header, lines, distributions and applications.</li><li>Header Attachment upload.</li></ul>
Holds and Releases	<ul style="list-style-type: none"><li>Create holds against existing invoices (Create).</li><li>Create holds and releases at the same time (Create).</li><li>Apply releases to existing holds (Update).</li><li>Download Invoice and Hold data using different download sources.</li><li>Holds DFF support.</li></ul>
Suppliers	<ul style="list-style-type: none"><li>Create and update Supplier Master Data including suppliers, addresses, sites and site assignments, business classifications, products and services, contacts, contact addresses</li><li>Third-Party Payment Relationships</li><li>DFF and Global DFF support at Supplier and Site level</li><li>Supplier Attachment upload.</li><li>Submit the Spend Authorization process during upload.</li></ul>
Customers	<ul style="list-style-type: none"><li>Create and update Customer Master Data including parties, accounts, profiles, contacts, assignments and, responsibilities, addresses, sites, site purposes and site reference acco</li></ul>

Asset Additions	Create Fixed Assets including Transactions, Assignments and Source Lines.
Asset Adjustments	Update Descriptive Details and Financial Details.
Asset Assignment Transfers	Create Assignment Transfers of existing units.
Supplier Payment Details	Create and update Payment Attributes, Payment Methods and Bank Account Assignments, Supplier Profiles, Addresses and Sites.
Supplier Bank Accounts	Create and update Bank Accounts, Bank Account Owners, Intermediary Bank Accounts and Assignments at Supplier, Address or Site levels.
Receivables Receipts	Create and update Manual Standard AR Receipts with Remittance Bank and, optionally, Customer Account information. Apply Receipts to Transactions or On Account. Unapply Receipts. Reverse Receipts. Create Miscellaneous Receipts. Create Receipt Refunds and Receipt Write-offs. Adjust Applied Transactions.

The Finance Module is an Excel user interface built on top of the supported Oracle REST Web Services, designed to upload and retrieve data to and from the Oracle ERP Cloud Application. All standard features of Microsoft Excel are also available to the user and columns can be moved to suit user preference.

This document is written with the assumption the user knows how to work within the Finance sector of Oracle ERP Cloud from a functional point of view. The document explains functionality up to and including the latest release. Refer to the [Release Notes](#) to explain the differences between module releases.

This module is supported on Oracle Cloud 20D (11.13.19.02.0) onwards. If any issues are encountered or you have any enhancement suggestions, please do not hesitate to contact us [here](#).

## Getting Started

Note, if you have not yet gone through the installation process for ERP Cloud Toolbox or the Finance Module, this must be undertaken before attempting to use the product. Please refer to the [ERP Cloud Module and Add-in Installation Guide](#) for steps.

Once installation is complete, upon opening Excel, the 'More4apps' Add-In will display in a permanent ribbon tab where all Integrator functions are located. Details of the Add-in functionality can be found in the [ERP Cloud Toolbox Add-In User Guide](#).

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## Integrator Privileges

The web services used by our Integrators require Oracle privileges to operate\*. All privileges are predefined by Oracle, and you only need to assign the privileges related to the Integrator you wish to use.

For a step-by-step guide on assigning privileges, refer to the [Assign Oracle Privileges](#) section of our installation guide.

**Important** - To use any Integrator, two additional privileges are needed on top of the Integrator specific privileges listed below. See the “Required for any Integrator” section in the table for these privileges.

Integrator	Privilege Name and Code	Purpose
Required for any Integrator	Access Mobile CRM ZMS_MOBILE_ACCESS_PRIV	Provides the Upload Action lists of values such as 'Create' 'Update' etc.
	Manage Application Flexfield Value Set FND_APP_MANAGE_FLEXFIELD_VALUE_SET_PRIV	Retrieves value set values and display them as lists of values.
Payables Invoices Integrator	Create Payables Invoice AP_CREATE_PAYABLES_INVOICE_PRIV	Enables Upload and Download of Payables Invoices <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy section of your Custom Job Role.
	Maintain Incentive Compensation Participant Detail CN_MAINTAIN_INCENTIVE_COMPENSATION_PARTICIPANT_DETAIL_PRIV	List of values for Currencies and Territories.
	View Fixed Asset Books FA_VIEW_FIXED_ASSET_BOOKS_PRIV	List of values for Fixed Asset Books.
	View Purchasing Document List of Values using REST Service PO_VIEW_PURCHASING_DOC_LOV_REST_SERVICE_PRIV	List of values for Purchase Orders.
	View Supplier List of Values Using REST Service POZ_VIEW_SUPPLIER_LOV_REST_SERVICE_PRIV	List of values for Suppliers.
	Verify Tax Configuration ZX_VERIFY_TAX_CONFIGURATION_PRIV	List of values for relevant Tax areas.
	Create Payables Invoice AP_CREATE_PAYABLES_INVOICE_PRIV	Enables Upload and Download of Payables Invoices <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy section of your Custom Job Role.
Receivables Invoices Integrator	View Supplier List of Values Using REST Service POZ_VIEW_SUPPLIER_LOV_REST_SERVICE_PRIV	List of values for Suppliers.
	Create Receivables Invoice AR_CREATE_RECEIVABLES_INVOICE_PRIV	Enables Upload and Download of Receivables Invoices <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy section of your Custom Job Role.
	Verify Tax Configuration	List of values for relevant Tax areas.

	ZX_VERIFY_TAX_CONFIGURATION_PRIV	
<b>On Account Credit Memo Integrator</b>	Create Receivables Invoice AR_CREATE_RECEIVABLES_INVOICE_PRIV	Enables Upload and Download of Receivables Invoices <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy' section of your Custom Job Role.
	Verify Tax Configuration ZX_VERIFY_TAX_CONFIGURATION_PRIV	List of values for relevant Tax areas.
<b>Suppliers Integrator</b>	Maintain Supplier POZ_MAINTAIN_SUPPLIER_PRIV	Create and/or update Supplier records. <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy' section of your Custom Job Role.
	View Supplier POZ_VIEW_SUPPLIER_PRIV	Enables the Download of Supplier Information. <b>Note</b> , this privilege must be assigned under the 'Role Hierarchy' section of your Custom Job Role.
	Verify Tax Configuration ZX_VERIFY_TAX_CONFIGURATION_PRIV	List of values for relevant Tax areas.
	Products and Services Categories POR_VIEW_BROWSING_CATEGORIES_LOV_REST_SERVICE_PRIV EGP_GET_ITEM_CATEGORY_REST_PRIV	List of Values for the 'Category Name' column. List of Values for the 'Category Name Purchasing' column.
	Supplier Profile Management Using REST Service ORA_POZ_USE_REST_SERVICE_MANAGE_SUPPLIER_PROFILE	Create and/or update Supplier Addresses, Contacts, Business Classifications, Products and Services, Sites, and Site Assignments. <b>Note</b> , because it is an Aggregate Privilege, it can only be added through role hierarchy (step 4) rather than function security policies.
<b>Customers Integrator</b>	Party Organizations HZ_ENTER_TRADING_COMMUNITY_ORGANIZATION_INFORMATION_PRIV HZ_UPDATE_TRADING_COMMUNITY_ORGANIZATION_PRIV HZ_VIEW_TRADING_COMMUNITY_ORGANIZATION_PRIV	Create and/or update Party Organization records Download Party Organization Information
	Party Persons HZ_ENTER_TRADING_COMMUNITY_PERSON_PRIV HZ_UPDATE_TRADING_COMMUNITY_PERSON_PRIV HZ_VIEW_TRADING_COMMUNITY_PERSON_PRIV	Create and/or update Party Person records Download Party Person Information
	Customer Accounts HZ_ENTER_CUSTOMER_ACCOUNT_PRIV HZ_UPDATE_CUSTOMER_ACCOUNT_PRIV HZ_VIEW_CUSTOMER_ACCOUNT_PRIV	Create and/or update Customer Account records Download Customer Account Information
	Customer Profiles AR_CREATE_CUSTOMER_PRIV	Create and/or update Customer Profiles for Account and Site levels
	Contacts, Relationships and Contact Assignments HZ_ENTER_CUSTOMER_ACCOUNT_RELATIONSHIP_PRIV HZ_ENTER_CUSTOMER_ACCOUNT_PRIV HZ_UPDATE_CUSTOMER_ACCOUNT_PRIV HZ_VIEW_CUSTOMER_ACCOUNT_RELATIONSHIP_PRIV	Create Customer Account/Site Relationships Assign Contacts to Customer Accounts/Sites Update Customer Account/Sites Download Customer Account/Site Relationships
	Contact Responsibilities	Create and/or update Contact Responsibility records

	HZ_ENTER_CUSTOMER_ACCOUNT_CONTACT_RESPONSIBILITY_PRIV HZ_VIEW_CUSTOMER_ACCOUNT_CONTACT_RESPONSIBILITY_PRIV	Download Contact Responsibility Information
	Addresses HZ_UPDATE_TRADING_COMMUNITY_ORGANIZATION_PRIV HZ_ENTER_TRADING_COMMUNITY_PERSON_ADDRESS_PRIV HZ_VIEW_TRADING_COMMUNITY_PERSON_ADDRESS_PRIV	Create and/or Customer Address records Download Customer Person Address Details
	Sites HZ_CREATE_CUSTOMER_ACCOUNT_SITE_PRIV HZ_CORRECT_CUSTOMER_ACCOUNT_SITE_PRIV HZ_VIEW_CUSTOMER_ACCOUNT_SITE_PRIV	Create and/or update Customer Account Sites Download Customer Account Site Information
	Site Purposes HZ_ADD_CUSTOMER_ACCOUNT_SITE_USE_PRIV HZ_VIEW_CUSTOMER_ACCOUNT_SITE_USE_PRIV HZ_ADD_TRADING_COMMUNITY_PERSON_ADDRESS_USE_PRIV HZ_UPDATE_TRADING_COMMUNITY_PERSON_ADDRESS_USE_PRIV	Create and/or update Customer Account Site Purposes Download Customer Account Site Purpose Information Create and/or update Person Site Purpose
	Contact Points HZ_ADD_CUSTOMER_ACCOUNT_CONTACT_PRIV HZ_UPDATE_CUSTOMER_ACCOUNT_CONTACT_PRIV HZ_VIEW_TRADING_COMMUNITY_PERSON_PRIV	Create and/or update Customer Contact Points at Account and Site levels. Download Contact Point information.
	Party Information HZ_VIEW_TRADING_COMMUNITY_ORGANIZATION_PRIV HZ_VIEW_TRADING_COMMUNITY_PERSON_PRIV	List of Values for 'Party Country' column.
Asset Additions	Access FSCM Integration Rest Service FUN_FSCM_REST_SERVICE_ACCESS_INTEGRATION_PRIV  Plus, an Asset role (i.e. Asset Accountant) that is secured on a Book	Create and Download Assets.
Asset Adjustments	Access FSCM Integration Rest Service FUN_FSCM_REST_SERVICE_ACCESS_INTEGRATION_PRIV  Plus, an Asset role (i.e. Asset Accountant) that is secured on a Book	Download and Update Asset Descriptive and Financial Details.
Asset Assignment Transfers	Access FSCM Integration Rest Service FUN_FSCM_REST_SERVICE_ACCESS_INTEGRATION_PRIV  Plus, an Asset role (i.e. Asset Accountant) that is secured on a Book	Create Transfers.
Supplier Payment Details Integrator	IBY_MANAGE_EXTERNAL_PAYEE_PAYMENT_DETAILS_PRIV  IBY_MANAGE_THIRD_PARTY_BANK_ACCOUNT_PRIV  IBY_MANAGE_PAYMENT_INSTRUMENT_ASSIGNMENT_PRIV	Allows management of external payee payment details. Allows update of external bank accounts. Allows creation of payment instrument assignment.
Supplier Bank Accounts Integrator	View Trading Community Organization HZ_VIEW_TRADING_COMMUNITY_ORGANIZATION_PRIV  View Trading Community Person HZ_VIEW_TRADING_COMMUNITY_PERSON_PRIV  Maintain Incentive Compensation Participant Detail CN_MAINTAIN_INCENTIVE_COMPENSATION_PARTICIPANT_DETAIL_PRIV	List of values for Countries.  List of values for Currencies.

	View Bank CE_VIEW_BANK_PRIV	List of values for Banks.
	View Bank Branch CE_VIEW_BANK_BRANCH_PRIV	List of values for Bank Branches.
	View Supplier POZ_VIEW_SUPPLIER_LOV_REST_SERVICE_PRIV	List of values for Suppliers.
	Manage Third Party Bank Account IBY_MANAGE_THIRD_PARTY_BANK_ACCOUNT_PRIV	Allows update of external bank accounts.
	Manage Payment Instrument Assignment IBY_MANAGE_PAYMENT_INSTRUMENT_ASSIGNMENT_PRIV	Allows creation of payment instrument assignment.
<b>Receivables</b>	Create Receivables Receipt AR_CREATE_RECEIVABLES_RECEIPT_PRIV	Create Receivables and Miscellaneous receipts manually.
<b>Receipts</b>	Manage Receivables Receipt AR_MANAGE_RECEIVABLES_RECEIPT_PRIV	Manage a Receivables receipt, e.g. update, apply and unapply
<b>Integrator</b>	Manage Receivables Adjustment (AR_MANAGE_RECEIVABLES_ADJUSTMENT_PRIV)	Create and update a positive or negative adjustment to a transaction.

\*More4apps assumes you will have granted roles (data, duty, job, abstract etc.), to allow your users to access the functionality in ERP Cloud.

The above privileges added to a custom job role, and assigned to your users, will allow access to the required web services for the More4apps products.

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## Enabling BI Report Downloads

### Download Method:

If an Oracle Fusion ERP web service isn't available, the data will be downloaded using a BI Report. This report, however, won't return any data by default.

### Controlling Access:

Since we can't directly replicate the data access rules used in the Oracle Fusion ERP UI, administrators can control access to the download data through a profile option. This ensures that only authorized users can retrieve the information.

### Configuring the Profile Options:

You are required to manually configure these Profile Options in your Oracle instance. Check the specific Integrator documentation for the impact and recommended user type before enabling the functionality. For instructions on creating these Profiles, please refer to the steps documented [here](#).

Integrator Download Source Profiles are listed below:

Integrator	Profile Name	Profile Code	Appli
Customers	Enable More4apps Customers Primary Download Report	M4A_ENABLE_CUSTOMERS_PRIMARY_DOWNLOAD_REPORT	Receiv
Asset Additions	Enable More4apps Asset Additions Primary Download Report	M4A_ENABLE_ASSET_ADDITIONS_PRIMARY_DOWNLOAD_REPORT	Fixed
Asset Adjustments	Enable More4apps Asset Adjustments Primary Download Report	M4A_ENABLE_ASSET_ADJUSTMENTS_PRIMARY_DOWNLOAD_REPORT	Fixed
Asset Assignment Transfers	Enable More4apps Asset Assignment Transfers Primary Download Report	M4A_ENABLE_ASSET_ASSIGNMENT_TRANSFERS_PRIMARY_DOWNLOAD_REPORT	Fixed
Supplier Payment Details	Enable download of Supplier Payment details for Supplier Profile	M4A_ENABLE_SUPPLIER_PAYMENT_DETAILS_SUPPLIER_DOWNLOAD_REPORT	Payab
Supplier Payment Details	Enable download of Supplier Payment details for Supplier Profile, Address and Site	M4A_ENABLE_SUPPLIER_PAYMENT_DETAILS_ALL_DOWNLOAD_REPORT	Payab

Supplier Payment Details	Enable download of Supplier Payment details for Supplier and/or Address	M4A_ENABLE_SUPPLIER_PAYMENT_DETAILS_ADDRESS_DOWNLOAD_REPORT	Payable
Supplier Payment Details	Enable download of Supplier Payment details for Supplier and/or Profile, Address, Site	M4A_ENABLE_SUPPLIER_PAYMENT_DETAILS_SITE_DOWNLOAD_REPORT	Payable
Supplier Bank Accounts	Enable download of Supplier Bank Accounts	M4A_ENABLE_SUPPLIER_BANK_DETAILS_ACCOUNTS_DOWNLOAD_REPORT	Payable
Receivables Receipts	Enable More4apps Receivables Receipts Open Invoices Download Report	M4A_ENABLE_RECEIVABLES_RECEIPTS_OPEN_INVOICES_DOWNLOAD_REPORT	Receivable
	Enable More4apps Receivables Receipts Primary Download Report	M4A_ENABLE_RECEIVABLES_RECEIPTS_PRIMARY_DOWNLOAD_REPORT	Receivable
	Enable More4apps Receivables Receipts Header Download Report	M4A_ENABLE_RECEIVABLES_RECEIPTS_HEADER_DOWNLOAD_REPORT	Receivable

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## Restriction of Integrators (Optional)

This functionality is available from Release Version 16.5.0.0 onwards.

A Module comprises multiple Integrators. By default, users with Module access have access to all Integrators within that Module. However, in certain instances a company may opt to limit the Integrators available to a user, i.e. segregation of duties. This restriction is at the Integrator level so the user either has access to the Integrator or not. It is not possible to restrict the functionality within the Integrator, e.g. to read-only or Update but not Create actions.

Limiting Integrators is accomplished through the utilization of custom Profile Options. You are required to manually configure these Profile Options in your Oracle instance. For instructions on creating these Profiles, please refer to the steps documented [here](#).

Integrator Profiles for this Module are listed below:

Integrator	Profile Name	Profile Code
Holds and Releases	Exclude More4apps Holds and Releases Integrator	M4A_EXCLUDE_HOLDS_AND_RELEASES_INTEGRATOR
Payables Invoices	Exclude More4apps Payables Invoices Integrator	M4A_EXCLUDE_PAYABLES_INVOICES_INTEGRATOR
Receivables Invoices	Exclude More4apps Receivables Invoices Integrator	M4A_EXCLUDE_RECEIVABLES_INVOICES_INTEGRATOR
On-Account Credit Memos	Exclude More4apps On-Account Credit Memos Integrator	M4A_EXCLUDE_ON-ACCOUNT_CREDIT_MEMOS_INTEGRATOR
Suppliers	Exclude More4apps Suppliers Integrator	M4A_EXCLUDE_SUPPLIERS_INTEGRATOR

Customers	Exclude More4apps Customers Integrator	M4A_EXCLUDE_CUSTOMERS_INTEGRATOR
Asset Additions	Exclude More4apps Asset Additions Integrator	M4A_EXCLUDE_ASSET_ADDITIONS_INTEGRATOR
Asset Adjustments	Exclude More4apps Asset Adjustments Integrator	M4A_EXCLUDE_ASSET_ADJUSTMENTS_INTEGRATOR
Asset Assignment Transfers	Exclude More4apps Asset Assignment Transfers Integrator	M4A_EXCLUDE_ASSET_ASSIGNMENT_TRANSFERS_INTEGRATOR
Supplier Payment Details	Exclude More4apps Supplier Payment Details Integrator	M4A_EXCLUDE_SUPPLIER_PAYMENT_DETAILS_INTEGRATOR
Supplier Bank Accounts	Exclude More4apps Supplier Bank Accounts Integrator	M4A_EXCLUDE_SUPPLIER_BANK_ACCOUNTS_INTEGRATOR
Receivables Receipts	Exclude More4apps Receivables Receipts Integrator	M4A_EXCLUDE_RECEIVABLES_RECEIPTS_INTEGRATOR

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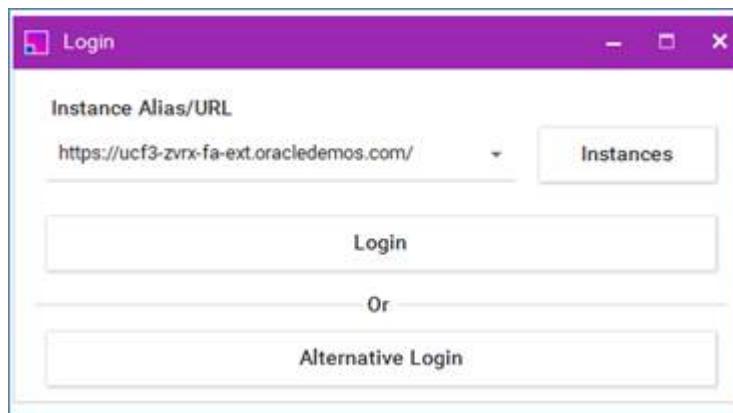
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## Logging In

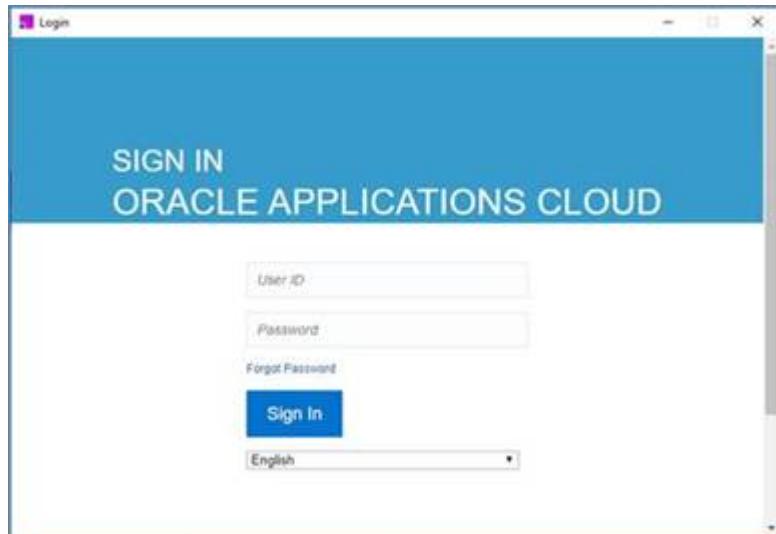
Click **Login/Logout**  on the **More4apps** ribbon.

If connections have already been set up, the **Instance Alias/URL** field will contain a list of available ERP Cloud instances. If no connections are available, refer to the [Login](#) section of the Installation documentation.



**Note** - If a connection was previously used to log in, the last used **Alias/URL** will default when first opening the form.

Click the 'Login' button. This will open the native Oracle Login of your instance. Enter your standard Oracle credentials and click **Sign In**.



**Note** - Instances with or without Single Sign On (SSO) are both supported through the 'Login' button option. If the 'Login' option does not work, please try the 'Alternative Login' option.

Enter your standard ERP Cloud credentials and click **Sign In**.

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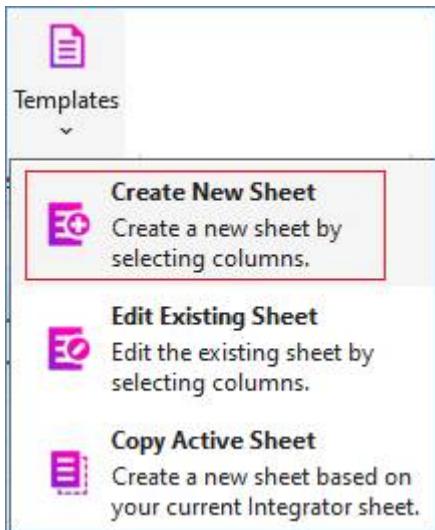
[Populating the Sheet](#)

## [Upload Action Columns](#)

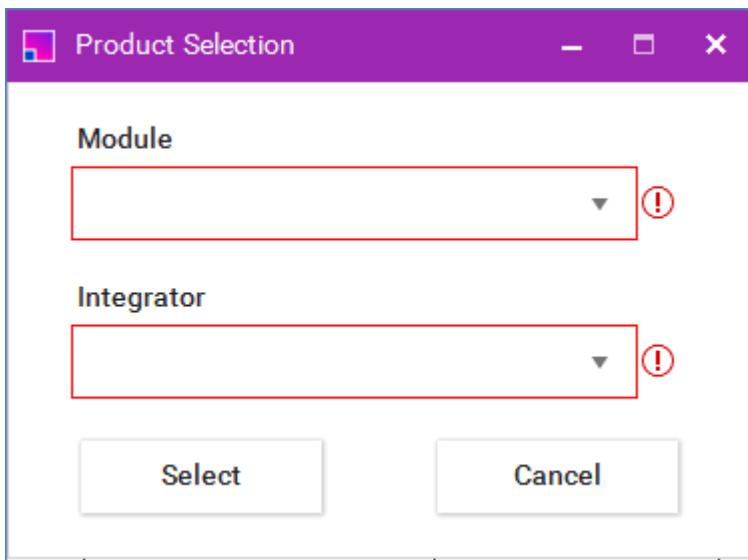
### Generating a New Sheet

If your workbook does not already contain an Integrator worksheet, follow the steps below:

1. Select 'Create New Sheet' from the ribbon options:



2. Select the **Finance** Module and then the appropriate Integrator.



3. Using the form you can search, select and or deselect the fields you require then click 'Create'. Below is an example of the Designer:

Design a Sheet

Standard Purchase Orders Example Integrator

Enter text to search

Column	Description	Required
<input checked="" type="checkbox"/> PO Header		
<input checked="" type="checkbox"/> Requisition Number	Read only. Is used to download purchase orders.	No
<input checked="" type="checkbox"/> Existing Order Number	Number that uniquely identifies the purchase order in the sold-to legal entity.	No
<input type="checkbox"/> Document Style	Name of the purchasing document style. This attribute allows organizations to control the parameters and values displayed on the application to match the usage of the purchasing document.	Yes
<input checked="" type="checkbox"/> Status	Abbreviation that identifies the purchase order status in the order life cycle.	No
<input type="checkbox"/> Approval Action	Overrides first approver identifier to route purchase orders for approval.	Yes
<input type="checkbox"/> Procurement BU	Value that is a unique sequence of letters or numbers assigned to a first party by a tax authority when it is registered. This attribute is used to identify the first party registration.	Yes
<input type="checkbox"/> Buyer	Person who is responsible for managing the purchase order.	Yes
<input type="checkbox"/> Requisitioning BU	Business unit that creates the requisition.	Yes
<input type="checkbox"/> SoldTo Legal Entity	Legal entity that is financially responsible for purchases on the purchase order.	Yes
<input type="checkbox"/> Supplier	Value that uniquely identifies the supplier.	Yes
<input checked="" type="checkbox"/> Supplier Site	Location that the supplier uses to purchase the item.	No
<input type="checkbox"/> Other Columns	Other columns	No

**Create** **Close**

### Notes:

- # The designer by default will have all fields selected.
- # You can un-check the top checkbox to deselect or select all columns with a single click.
- # Un-checking the top check box will leave only required fields selected (greyed out check boxes).
  - o Despite all required fields being checked in this scenario, you will still need to search and check the fields and/or sections you require to add them to your template.

The columns you have selected in the designer will be generated in the spreadsheet you now have in front of you.

**Tip** – You can remove all columns to assist with performance.

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## Populating the Sheet

Refer to the sections below on methods to populate the sheet.

## Data Entry Forms

Every section of each integrator worksheet has a data entry form associated with it. These forms can be optionally used to help users select valid data.

Position the cursor in the relevant section below row 10 in the worksheet and click the **Data Forms** icon on the **More4apps** ribbon.

Example Payables Invoices Header form:

The screenshot shows a data entry form for the 'Header' section of a Payables Invoices worksheet. The form is titled 'Header' and includes tabs for Header, Accounting, Tax, Payments, Header DFF, and Header Global DFF. The 'Header DFF' tab is selected. The form displays various fields for creating a header, including Purchase Order (Allied Manufacturing), Business Unit (US1 Business Unit), Supplier (Allied Manufacturing), Supplier Number (1265), Supplier Site (Allied US1), Procurement BU (US1 Business Unit), Legal Entity (Supremo US Legal Entity), Invoice Group (Legal), and Invoice Number (897987S). Buttons for OK and Close are at the bottom.

More information on the use of data entry forms is explained [here](#).

## Downloading

Information can be downloaded via the sheet fields or alternatively through using the Download form. We recommend downloading data into the worksheet before attempting to update any records to ensure accurate information exists prior to validation and upload.

**Payables Invoices Integrator** - When downloading existing Payables invoices with tax lines, the tax lines will download into the sheet. Currently we are unable to upload these Tax lines due to an Oracle limitation so you will need to remove them before using the same invoice data to upload.

**Receivables Invoices Integrator** - This integrator does not download tax or distribution information due to the way the Oracle REST web service is structured.

**On-Account Credit Memos Integrator** - This integrator does not download tax or distribution information due to the way the Oracle REST web service is structured.

Two download sources are available:

# On-Account Credit Memos	Downloads existing On-Account Credit Memos
# Open Invoices	Downloads existing Open Invoices

You will be asked which one you want to download from when you perform the download.

Note: Data is not downloaded to the 'Apply' section of the On-Account Credit Memos Integrator.

**Holds and Releases Integrator** - There are two download sources in the Holds and Releases Integrator; Invoice source and Holds source. You will be asked which one you want to download from when you perform the download:

- # The Invoice download source is used to download invoice information only to then apply Holds to.
- # The Holds download source will download invoice information and any active Holds applied to those invoices.

**Suppliers Integrator** - This Integrator does not download attachment information due to an Oracle error in the web service. More4apps will monitor Fusion releases as this may be resolved in versions later than 23B.

**Customers Integrator** - Download parent and child filtering is available in the Download Form and Download via Sheet. Specify the criteria in the predefined fields in the Download Form or columns in the sheet indicated with an arrow (▼).

**Asset Additions Integrator** - Download is available using the Download Form and Download via Sheet options. Only the Assets within the Corporate Book that you have access to will be downloaded.

**Asset Adjustments Integrator** - Download is available using the Download Form and Download via Sheet options. Only the Assets within the Books that you have access to will be downloaded.

**Asset Assignment Transfers Integrator** - Download is available using the Download Form and Download via Sheet options. Only the Assets within the Books that you have access to will be downloaded.

**Supplier Payment Details Integrator** - Supplier Payment Details are available at Supplier Profile, Address and Site level. A user can choose from four download methods, Supplier, Address, Site, or all levels, so the appropriate levels data is downloaded.

**Supplier Bank Accounts Integrator** - The Supplier Bank Accounts download source will download bank account information, associated bank account owners, bank account assignments at supplier, address and site levels, and intermediary account details.

**Receivables Receipts Integrator** - Download is available using the Download Form and Download via Sheet options. Specify the criteria in the predefined fields in the Download Form or columns in the Receipt Header section of the sheet indicated with an arrow (▼). The columns available as download parameters in the

Applications section are not indicated with an arrow but are listed in the Integrator's specific [Download Options](#) section.

More information on downloading can be found [here](#).

## **Manual Data Entry**

As More4apps modules work within Excel, all standard Microsoft Excel functions are available for use to assist with populating the worksheet manually.

For example:

- Standard text entry
- Formulas
- Filters
- Copy and Paste
- Macros

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## **Upload Action Columns**

'Upload Action' columns in each section are used to control how data is processed.

Below are the current Upload Actions that are used in each of the Integrators in the Finance module:

<b>Integrator</b>	<b>Currently Available Upload Actions</b>
Payables Invoices Integrator	Create, Create records
Receivables Invoices Integrator	Create, Create records
On-Account Credit Memos Integrator	Create, Create records
Holds and Releases Integrator	Create, Update
Suppliers Integrator	Create, Create records Update, Update records
Customers Integrator	Create, Create records Update, Update records
Asset Additions Integrator	Create, Create records
Asset Adjustments Integrator	Update

Asset Assignment Transfers Integrator	Create, Create records
Supplier Payment Details Integrator	Create, Create records Update, Update records
Supplier Bank Accounts Integrator	Create, Create records Update, Update records
Receivables Receipts Integrator	Create, Create records Update, Update records Apply Unapply Reverse Adjust

Future functionality may be added for Cancel, Delete, etc., where appropriate.

[Header Upload Action](#) [Attachment Upload Action](#) [Hold Upload Action](#) [Line Upload Action](#) [Dist Upload Action](#)

Each Integrator has its own set of relevant Upload Actions which can be viewed in the field's list of values in the data entry form.

The nature of the web service each Integrator calls determines the behavior of each section's Upload Action. More information on the use of these Upload Action Columns is outlined in each Integrator section below.

More information on how 'Upload Actions' can be used, can be found [here](#).

#### Sections:

[Integrator Privileges](#)

[Enabling BI Report Downloads](#)

[Restriction of Integrators \(Optional\)](#)

[Logging In](#)

[Generating a New Sheet](#)

[Populating the Sheet](#)

## Integrator Information

The Finance Module is made up of a number of Integrators. Refer to the links below for each Integrator:

[Payables Invoices Integrator](#)

[Receivables Invoices Integrator](#)

[On-Account Credit Memos Integrator](#)

[Holds and Releases Integrator](#)

[Suppliers Integrator](#)

[Customers Integrator](#)

[Asset Additions Integrator](#)

[Asset Adjustments Integrator](#)

[Asset Assignment Transfers Integrator](#)

[Supplier Payment Details Integrator](#)

[Supplier Bank Accounts Integrator](#)

[Receivables Receipts Integrator](#)

## Payables Invoices Integrator

The **Payables Invoices** Integrator is a solution for creating Payables invoices via the supported Oracle ERP Cloud REST Web Services.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

Note: Updating or deleting existing invoices is currently not supported.

### Sections:

[Create Standard Payables Invoices](#)

[Download Purchase Order Details](#)

## Create Standard Payables Invoices

Become familiar with the current Integrator [limitations](#). These will be resolved over time as Oracle improves the underlying web services and we add functionality to this product.

To create standard Payables invoices, ensure the **Upload Action** for all relevant sections is set to **Create**.

Tip: Use the Default row 10 and set the value to **Create** for each section, or simply enter **Create records** (case sensitive) into the 'Header Upload Action' to automatically set the upload action in all other sections containing data.

Header				
Header Messages	Header Upload Action	Purchase Order	Business Unit	Supplier
Create				

### Sheet Structure Examples

The scenarios below illustrate single and multiple Payables invoices with associated Lines and Distributions. Examples do not include all critical columns. Note the 'Create' action at the header for each Payables invoice.

#### Scenario 1

A Payables invoice with two Lines:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	---	Create	1	Create	1
		Create	2	Create	1

#### Scenario 2

## Two Payables invoices with associated Lines, and Distributions:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	...	Create	1	Create	1
		Create	2	Create	1
Create	...	Create	1	Create	1
				Create	2
		Create	2	Create	1

Once all Payables invoice information is entered, the upload process can be initiated. For details on uploading refer to the [Uploading](#) section.

Successful uploads will return 'Accepted' statuses and return Payables invoice information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

## Holds

The Integrator is able to create holds on invoice creation and also on existing invoices, using the Holds section.

Currently we are unable to download Hold information due to a web service limitation or are we able to release holds via the Integrator.

Holds			
Holds Messages	Hold Upload Action	Hold Name	Hold Reason
	Create	Natural account tax	Invoice tax code does not match the natural account tax code.
	Create	Currency difference	Currency on the Invoice is different from the currency on the PO.
	Create	Maximum rate amount	Conversion rate variance exceeds limit.

## Attachments

The Integrator is only able to **create** Attachments as the Oracle web services does not currently allow for the update or download of existing Attachments.

Refer to the [Attachment](#) documentation for more information on these limitations.

## Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:

## Attribute1

For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field.

Refer to the [Descriptive Flexfields](#) documentation for more information.

## Calculate Tax

The Calculate Tax process can optionally be initiated at the time of invoice creation if all appropriate sections before it have been created successfully.

**Note:** the value 'Yes' or 'No' to apply this functionality should only be added to the first line of the invoice (invoice header level) otherwise if the value is repeated for all lines, an error regarding orphaned records is returned.

## Submit Invoice Validation

The Submit Invoice Validation process can optionally be initiated at the time of invoice creation if all appropriate sections before it has been created successfully.

**Note:** the value 'Yes' or 'No' to apply this functionality should only be added to the first line of the invoice (invoice header level) otherwise if the value is repeated for all lines, an error regarding orphaned records is returned.

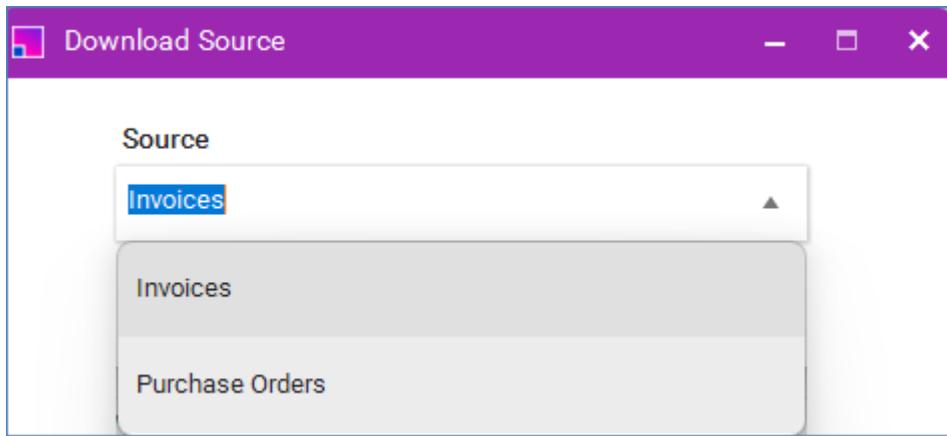
## Download Purchase Order Details

The Payables Invoices Integrator has the ability to download Purchase Order details which makes matching to invoices easier.

There are two Download sources available, where information from different areas of Oracle can be downloaded into the same Integrator. See [Download Sources](#) for more information.

The two Download Sources available are:

- **Invoices:** Downloads invoices based on the download criteria provided. If downloading invoices based on a Purchase Order number they are matched to, you must enter the Purchase Order number in the Purchase Order section, not the header section, using the field 'Line Purchase Order number'.
- **Purchase Orders:** Downloads Purchase Order line and header data based on the Purchase Order(s) provided. You must enter the Purchase Order number in the Purchase Order section, not the header section, using the field 'Line Purchase Order number'.



Updateable fields that will have data (if applicable) written to them on download are:

#### Header Section

- Purchase Order
- Supplier
- Supplier Site
- Procurement BU

#### Line Section

- Line Amount
- Line Requester

#### Purchase Order Section

- Line Purchase Order Number
- Line Purchase Order Line
- Line Purchase Order Schedule
- Line Quantity
- Line Unit Price

There are also a number of download only fields that are written to on download. The quantity balances are live.

Note: If the Download Source selected is 'Purchase Orders', the same number of invoice headers will be downloaded as there are lines on the Purchase Order.

You will need to remove the number of headers you don't require as they will be processed as new individual invoices on upload.

This is a known issue and will be addressed in another iteration.

Header	Header Messages	Header Upload Action	Purchase Order	Business Unit	Supplier	Supplier Number	Supplier Site	Procurement Bu	Line Purchase Order Number	Line Purchase Order Line	Line Purchase Order Schedule	Line Quantity	Line Unit Price	Line uom
					Midtown Computer Supp	MCS US1	US1 Business U	US183964		1		1,100	40	Ea
					Midtown Computer Supp	MCS US1	US1 Business U	US183964		2		1,100	50	Ea
					Midtown Computer Supp	MCS US1	US1 Business U	US183964		3		1,100	60	Ea
					Midtown Computer Supp	MCS US1	US1 Business U	US183964		4		1,100	70	Ea
					Midtown Computer Supp	MCS US1	US1 Business U	US183964		5		1,100	80	Ea

## Create Limitations

### Uploading Tax Lines

Currently, we are unable to upload Tax lines due to an Oracle limitation.

### Create Existing Invoices

If you are adding lines or distributions to existing invoices, you must remove 'Create' from the Header Upload Action field. If you do not, when you create the lines or distributions, they will validate but will not upload.

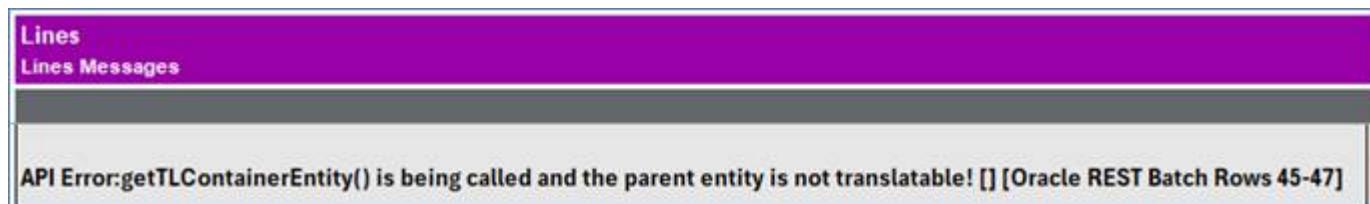
### **Supplier Number column behaviour**

When a Supplier Name is entered, the Supplier Number column will automatically default as the Name column is still the "driving" column. If a user instead enters a value in the Supplier Number column the Supplier Name column will not default and will remain blank.

This is the Add-In architecture, and not a developer preference, where defaulting works across the sheet from left to right and not backwards from right to left.

### **Duplicate Line Numbers**

Line Numbers must be unique. Unfortunately, the message returned from the web service regarding duplicate line numbers is not very clear.



If you receive this message in this area, please know it is referring to a duplicate line number being used.

### **Document Sequencing**

Document Sequencing is rejected by the web service. An Oracle SR has been created and is currently pending update.

### **Purchase Order information at Distribution level**

Currently, we are unable to support Purchase Order information in the Distributions section due to a web service limitation.

### **Fixed Price Purchase Order Line Types**

Currently we are unable to match invoices to purchase order lines that are Amount based (Fixed Price). We are working to resolve this in a later version.

### **Overlay Account Entry**

Currently, Overlay Account entry is not available in the Lines section of the Integrator, we are unable to provide this functionality at this time.

### **Holds download in the Payables Invoices Integrator**

Currently, we are unable to download Holds information in the Payables Invoices Integrator however you are able to download Holds information using the Holds and Releases Integrator.

### **DFFs - Searchable LOVs**

We are not able to provide searchable LOVs. This is due to the inability to run SQL dynamically in the Integrator. The form supports both dependent and independent lists of values. However, table-based lists of values are currently not supported.

### **Some LOV values are duplicated in the Forms**

When a column i.e. Terms, is secured by SetId and is assigned to the common set AND a specific Business Unit set id, the web service displays this value twice in the response. This results in duplicates in the LOV. If there is only one assignment it does not duplicate.

Note - It makes no difference to the behavior of the Integrator in relation to which of the duplicates you choose, as they are effectively the same.

## Receivables Invoices Integrator

The Receivables Invoices Integrator is a solution for creating Receivables invoices via the supported Oracle ERP Cloud REST Web Services. This integrator does not create Credit or Debit Memos. To date, with effect from ERP Cloud Release 24C, no REST web services exist to create Debit Memos.

Ensure you are familiar with the More4apps Finance module [prerequisites](#) before attempting to use this Integrator.

Note: Updating or deleting existing invoices is currently not supported.

## Create Receivables Invoices

Become familiar with the current Integrator [limitations](#). These will be resolved over time as Oracle improves the underlying web services and we add functionality to this product.

The Oracle REST web service is very good at defaulting information when not uploaded and also at using your AutoAccounting rules. To preserve performance this Integrator has been designed to not default information as the Oracle ERP Cloud UI does, and instead leave this work to the background REST web service.

If you want to bypass your AutoAccounting configuration, simply enter your accounting information into the Distributions section of the Integrator. The Header Distribution section accepts Account Classes of Receivables and Freight, and the Line Distribution section accepts Account Classes of Revenue and Freight (due to limitations with Oracle's REST web service and separate Tax Lines not being supported yet).

To create standard Receivables invoices, ensure the **Upload Action** for all relevant sections is set to **Create**.

**Tip:** Use the Default row 10 and set the value to **Create** for each section, or simply enter **Create records** (case sensitive) into the 'Header Upload Action' to automatically set the upload action in all other sections containing data.

Header					
Header Messages	Header Upload Action	Business Unit	Transaction Date	Accounting Date	
	Create				

## Sheet Structure Examples

The scenarios below illustrate single and multiple Receivables invoices with associated Lines and Distributions. Examples do not include all critical columns. Note the 'Create' action at the header for each Receivables invoice.

### Scenario 1

A Receivables invoice with two Lines each with one Distribution:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	...	Create	1	Create	1
		Create	2	Create	1

### Scenario 2

Two Receivables invoices with associated Lines, and Distributions:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	...	Create	1	Create	1
		Create	2	Create	1
Create	...	Create	1	Create	1
		Create	2	Create	1

Once all Receivables invoice information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

**Note:** To create a complete invoice, header and line data is required at a minimum. The exception to this is if a Freight only invoice is created, with the Freight Amount at the Header level.

You can have Freight at either Header or Line level, but not both. To assign total freight at the header level, populate the 'Freight Amount' column. To assign freight to lines, populate the 'Allocated Freight Amount' column for the applicable line.

Example of Header Freight:

Header				Customer		
Header Messages	Header Upload Action	Business Unit	Transaction Number	Bill to Name	Bill to Account Number	Freight Amount
	Create	USI Business Unit		Conifer International	100100	10

Example of Line Freight:

Lines		Allocated Freight				
Lines Validation Messages	Line Upload Action	Line	Description	Quantity	Unit Price	Amount
	Create	1	LINE WITH FREIGHT	10	10	10

Successful uploads will return an 'Accepted' status at the Header level only, once the record is accepted by Oracle, and return Receivables invoice information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

### Create Incomplete Invoices

An invoice that is uploaded to Oracle via the web service is completed by default. As there is sometimes a business need to leave invoices in an Incomplete state, using the 'Invoice Status' column will allow the invoice to be created in a 'Complete' status and then be immediately updated to an 'Incomplete' status in the same upload.

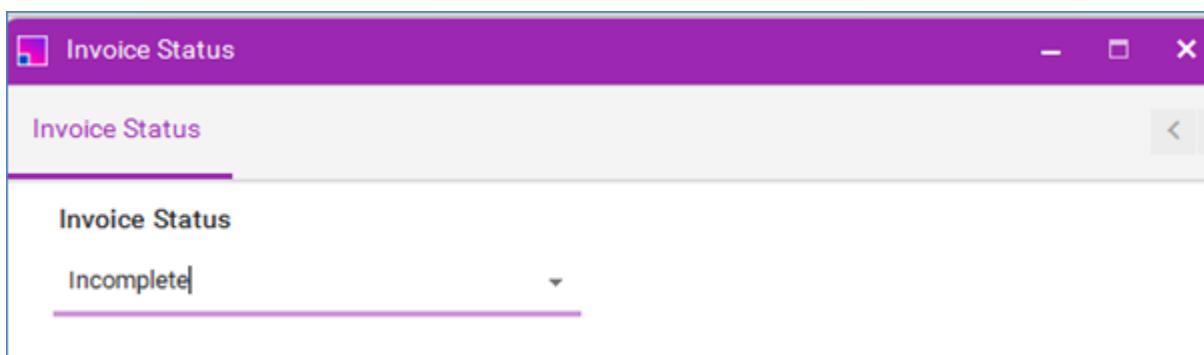
The 'Incomplete' process can optionally be initiated at the time of invoice creation if all appropriate sections before it have been created successfully.

Note: the value 'Incomplete' to apply this functionality should only be added to the first line of the invoice (invoice header level) otherwise if the value is repeated for all lines, an error regarding orphaned records is returned.

To Incomplete an Invoice enter 'Incomplete' in the 'Invoice Status' field

Header Header Upload Action	Customer Business Unit	Lines	Invoice Status						
Customer Bill to Account Number	Bill to Site	Line Upload Action	Line	Description	Quantity	Unit Price	Invoice Status		
Create	US1 Business Unit	10010	Newcastle	Create	1	Invoice Status	10	10	Incomplete

or, open the corresponding data entry form to select the value:



The screenshot shows a data entry form for 'Invoice Status'. The title bar says 'Invoice Status'. The main area is a list box with the following items:

- Invoice Status
- Invoice Status
- Incomplete

The 'Incomplete' item is highlighted with a red border and has an orange background, indicating it is selected.

After upload, if the invoice status has successfully been set to 'Incomplete' the 'Header' Status in the integrator will present an 'Accepted' status and the 'Invoice Status' Status will present as 'Validated'.

Finance		
Receivables Invoices		
Status		
Header Status	Lines Validation Status	Invoice Status Status
Default Values		
Accepted	Validated	Validated

The Oracle form will show the Invoice as 'Incomplete' as per below screenshot

General Information | [Show More](#)

Business Unit	US1 Business Unit
Transaction Source	Manual
* Transaction Type	Invoice
Transaction Number	539748
Document Number	
Status	Incomplete

If the invoice status has not been set to 'Incomplete' correctly, this will be due to the Invoice as a whole not being accepted, as below:

Finance		
Receivables Invoices		
Status		
Header Status	Lines Validation Status	Invoice Status Status
Default Values		Header Messages
Error	Validated	Validated
		Bill to Account Number is required.

Or if it is specifically due to an error with the Invoice Status, both the 'Header' Status and 'Invoice Status' Status will present an 'Error' status.

Finance		
Receivables Invoices		
Status		
Header Status	Lines Validation Status	Invoice Status Status
Default Values		Header Messages
Error	Validated	Error
		Error exists in other section.

The 'Invoice Status Messages' column will provide more feedback on the error

Invoice Status	Invoice Status
Invoice Status Messages	Invoice Status
Invoice Status does not exist in the List of Values.	Complete

Watch this short [recording](#) to demonstrate the functionality.

#### Notes:

- # At present the Invoice Status can only be set to Incomplete. There is no provision to set to Complete or Frozen via this method.
- # If Incomplete is not specified as the Invoice Status in the Integrator, the invoice is created as Complete.
- # Existing invoices cannot be set to incomplete. This functionality will only work when new invoices are being created.
- # Invoice Status is not downloaded; to prevent unwanted errors or services being called on upload.
- # To mitigate incomplete invoices being deleted, where gapless numbering is required, in Receivables System Options ensure the 'Allow transaction deletion' option is disabled for the Business Unit (or as business process dictates).

Do not select this option if you're legally required to number transactions sequentially with no gaps

Allow transaction deletion

#### Attachments

The Integrator is only able to **create** Attachments, as the Oracle web services does not currently allow for the update or download of existing Attachments.

**Note:** Attachments are only supported at the Header level at this stage.

Refer to the [Attachment](#) documentation for more information on these limitations.

#### Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:

Attribute1

For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field. Refer to the [Descriptive Flexfields](#) documentation for more information.

## Create Limitations

#### Uploading Tax Lines

This initial release does not allow for uploading separate Tax lines. This is in planned development and will be available in a later version, this is due to current limitations in the REST web service validations being performed by Oracle.

### **Uploading Salescredits**

Currently, we are unable to support Quota and Non-Quota Salescredits as a web service does not exist for this. Should one be released we will look to add this functionality at a later date.

### **Uploading Line-level Ship-To tax determinants**

These are currently not supported as these fields aren't available in the Oracle REST web service. Should these become available we will look to add this functionality at a later date.

### **Transaction Interface DFFs allow Duplicates**

The Oracle REST web service does not reject duplicate transaction interface DFFs. This may or may not be an issue depending on your business processes.

### **Supported Distribution Account Classes**

Only Revenue, Receivables and Freight Account Classes are supported in this version.

When separate Tax lines are available in a future release, we will look to add Tax Account Class functionality.

All other Account Classes are unavailable due to limitations with Oracle's REST web service.

### **Downloading Invoices**

The current REST web service used to download invoice information has a limited array of queryable fields. At present 'Transaction Number', 'Salesperson Number', and 'Ship to Contact' can be used as download criteria for both the sheet and form download.

Contact More4apps should you require other fields as download filters.

### **Downloading ID Codes instead of Values**

Legal Entity and Taxation Country do not download, only their Id's or codes are written to the sheet. Should the user attempt to re-upload this data it would fail Integrator validation and need to be changed by the user. An Oracle SR has been created and is currently pending update.

### **Downloading of Distributions**

Distribution information does not download due to the design of the Oracle REST web service. Data becomes orphaned against invoice lines making the user experience very cumbersome and could result in re-upload errors.

### **Unsupported Duplicates**

Oracle has not provided the ability to refine some duplicate names by numbers or IDs. If a duplicate name exists in one of the affected columns, Oracle will reject with "API Error: The <name> that you selected is invalid". This is slightly misleading as it is valid but cannot be used as Oracle cannot identify the correct record. The data will need to be entered via the Oracle Cloud User Interface.

Currently affected columns include:

- Bill To Contact
- Transaction Business Category
- Intended Use
- Product Fiscal Classification

- Product Category
- Product Type
- User Defined Fiscal Classification

An Oracle SR has been created and is currently pending update.

## **Tax Exemptions**

Uploading Tax Exemption Handling values is not supported in this initial release, due to Oracle limitations. This will be added in a future release, should Oracle improve the web service. However, Tax Exemption Certificate Numbers and Reasons can be uploaded.

## **Item Number/Memo Line effect on the Description column**

The Oracle web service will overwrite a manually entered description with the description of an Item or Memo Line, if entered. The Integrator does not warn the user when this occurs.

## **Document Sequencing**

Document Sequencing is rejected by the web service. An Oracle SR has been created and is currently pending update.

## **DFFs - Searchable LOVs**

We are not able to provide searchable LOVs. This is due to the inability to run SQL dynamically in the Integrator. The form supports both dependent and independent lists of values. However, table-based lists of values are currently not supported.

## **Some LOV values are duplicated in the Forms**

When a column i.e. Terms, is secured by SetId and is assigned to the common set AND a specific Business Unit set id, the web service displays this value twice in the response. This results in duplicates in the LOV. If there is only one assignment it does not duplicate.

Note - It makes no difference to the behavior of the Integrator in relation to which of the duplicates you choose, as they are effectively the same.

## **Upload API Error - Ship to Customer**

The Oracle REST web service currently rejects uploads where duplicate party names exist for the Ship To Customer Name (Ship to Name) in the worksheet. An error message, similar to the example below, will be written to the 'Header Messages' column:

*API Error: Applying List binding LOV\_ShipToCustomerName with given set of values leads to multiple matching rows for a row of type:InvoiceHeader*

This also occurs even if the Ship To Customer Number (Ship to Number) exists on the sheet as well. The API seems to validate the Name value in isolation from the Number value and rejects it if duplicate Party Names are found.

If the duplicate party values are valid the invoice can be successfully uploaded when the Ship To Customer Number (Ship to Number) **exists** in the worksheet and the Ship To Customer Name (Ship to Name) is **removed** from the sheet. It is likely users may not know the Ship To Customer Number at the time of data entry, however the Integrator will default this value during validation, making it simple to remove the offending duplicate party name and retry the upload with just the account number instead.

An Oracle SR has been logged to see if this validation can be improved.

## **Attachments - Header Level only**

This Integrator only supports the upload of attachments at the header level, to new invoices. At this point in time, line level attachments are not supported. Also, should header attachments fail to upload successfully the first time, they can't be reprocessed. More4apps is investigating options on how this may be achieved.

## On-Account Credit Memos Integrator

The On-Account Credit Memos Integrator is a solution for creating Receivables On-Account credit memos via the supported Oracle ERP Cloud REST Web Services. It also facilitates applying on-account credit memos to existing transactions. This integrator does not create applied credit memos or invoices and debit memos. To date, with effect from ERP Cloud Release 23B, no REST web services exist to create Debit Memos.

Ensure you are familiar with the More4apps Finance module [prerequisites](#) before attempting to use this Integrator.

**Note:** Updating or deleting existing credit memos is currently not supported.

### Sections:

[Create On-Account Credit Memos](#)

[Apply On-Account Credit Memos to Invoices](#)

### Create On-Account Credit Memos

Become familiar with the current Integrator [limitations](#). These will be resolved over time as Oracle improves the underlying web services and we add functionality to this product.

The Oracle REST web service is very good at defaulting information when not uploaded and also at using your AutoAccounting rules. To preserve performance this Integrator has been designed to not default information as the Oracle ERP Cloud UI does, and instead leave this work to the background REST web service.

If you want to bypass your AutoAccounting configuration, simply enter your accounting information into the Distributions section of the Integrator. The Header Distribution section accepts Account Classes of Receivables and Freight, and the Line Distribution section accepts Account Classes of Revenue and Freight (due to limitations with Oracle's REST web service and separate Tax Lines not being supported yet).

To create On-Account Credit Memos, ensure the **Upload Action** for all relevant sections is set to **Create**.

**Tip:** Use the Default row 10 and set the value to **Create** for each section, or simply enter **Create records** (case sensitive) into the 'Header Upload Action' to automatically set the upload action in all other sections containing data.

Header				
Header Messages	Header Upload Action	Business Unit	Transaction Date	Accounting Data
	Create			

## Sheet Structure Examples

The scenarios below illustrate single and multiple Receivables On-Account Credit Memos with associated Lines and Distributions. Examples do not include all critical columns. Note the 'Create' action at the header for each Receivables On-Account Credit Memo.

### Scenario 1

An On-Account Credit Memo with two Lines each with one Distribution:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	---	Create	1	Create	1
		Create	2	Create	1

### Scenario 2

Two On-Account Credit Memos with associated Lines, and Distributions:

Header Action	Header Details	Line Action	Line Details	Distribution Action	Distribution Details
Create	---	Create	1	Create	1
		Create	2	Create	1
Create	---	Create	1	Create	1
				Create	2
		Create	2	Create	1

Once all On-Account Credit Memo information is entered, the upload process can be initiated. For details on uploading refer to the [Uploading](#) section.

**Note:** To create a complete On-Account Credit Memo, header and line data is required at a minimum. The exception to this is if a Freight only credit memo is created, with the Freight Amount at the Header level.

You can have Freight at either Header or Line level, but not both. To assign total freight at the header level, populate the 'Freight Amount' column. To assign freight to lines, populate the 'Allocated Freight Amount' column for the applicable line.

Example of Header Freight:

Header				Customer		
Header Messages	Header Upload Action	Business Unit	Transaction Number	Bill to Name	Bill to Account Number	Freight Amount
	Create	US1 Business Unit		Conifer International	10010	10

Example of Line Freight:

Lines		Allocated Freight				
Lines Validation Messages	Line Upload Action	Line	Description	Quantity	Unit Price	Amount
	Create	1	LINE WITH FREIGHT	10	10	10

Successful uploads will return an 'Accepted' status at the Header level only and return Receivables On-Account Credit Memo information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

## Attachments

The Integrator is only able to **create** Attachments as the Oracle web services does not currently allow for the update or download of existing Attachments.

**Note:** Attachments are only supported at the Header level at this stage.

Refer to the [Attachment](#) documentation for more information on these limitations.

## Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:

For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field.

Refer to the [Descriptive Flexfields](#) documentation for more information.

## Apply On-Account Credit Memos to Invoices

The 'Apply' section enables applying a new or existing On-Account Credit Memo to an invoice and installments.

On-Account Credit Memo data is retrieved from the Header and used to apply to selected invoices and installments.

The Apply section has the following columns available:

Section	Column Name	Description
Apply	Apply Status	Feeds back if the upload was successful.
	Apply Messages	Returns messaging from the Integrator or web service validation.

	Apply Upload Action	Set to 'Create' or 'Create records' to create applications.
	Apply Transaction Number	The invoice number the On-Account Credit Memo being applied to. Required
	Apply Transaction Id	The customer transaction Id of the Apply Transaction Number. Required if Apply Transaction Number is duplicate.
	Apply Installment	The installment number of the transaction. Required if there is more than one payment schedule against the invoice.
	Apply Customer Name	Invoice Customer Name. Read Only
	Apply Customer Number	Invoice Customer Number. Read Only
	Apply Activity Class	Invoice Activity Class. Read Only
	Apply Currency	Invoice Currency. Read Only
	Apply Amount	Amount to apply. Note: If left blank the balance will be used.
	Apply Date	Date of application. If left blank, the current date is used.
	Apply GL Date	GL Date of application. If left blank, the current date is used.
	Apply Comments	Comments regarding the application.
	Apply Amount Due Original	Invoice Amount Due Original.
Apply DFF	Apply Context	Application DFF.
	Apply Attribute1	Application DFF attribute.
	Apply Attribute2	Application DFF attribute.
	Apply Attribute3	Application DFF attribute.
	Apply Attribute4	Application DFF attribute.

*Note: At a minimum, Apply Status, Apply Messages, Apply Upload Action, and Apply Transaction Number must be in the Apply section when applying.*

An On-Account Credit Memo can be created at the time of application to an invoice, or an existing On-Account Credit Memo can be used once it is entered into the sheet via the following methods:

- # Entry into the sheet via an import or manually
- # The On-Account Credit Memos Download Source
- # The Open Invoices Download Source

The On-Account Credit Memos download source can be useful if applying an existing On-Account Credit Memo or as a basis for creating a new on- On-Account Credit Memo.

The Open Invoices download source can be useful if downloading specific invoices with the intention of using the data to create a related On-Account Credit Memo. The Transaction Number can then be cut and pasted into the

Apply Transaction Number field for the corresponding On-Account Credit Memo to be created and applied to that invoice.

A brief recording which illustrates the below examples, can be viewed [here](#)

#### Sections:

- [Create On-Account Credit Memo and Apply](#)
- [Use Existing On-Account Credit Memo and Apply](#)
- [Descriptive Flexfields](#)
- [Create Limitations](#)
- [Apply Limitations](#)

### **Create On-Account Credit Memo and Apply**

Creation of a new On-Account Credit Memo and Application can be achieved using the following methods:

- # Entry into the sheet manually
- # The On-Account Credit Memos Download Source
- # The Open Invoices Download Source

Populate data manually:

1. Start with a blank template.
2. Populate relevant columns as required.
3. Ensure Create or Create records are entered the 'Apply Upload Action' in Header, Lines and other relevant sections.
4. Select Create or Create records as the 'Apply Upload Action'.
5. Complete applicable 'Apply' section columns.
6. Validate and/or Upload.

Header		Customer		Lines			Apply					
Header Upload Action	Business Unit	Transaction Number	Bill to Account Number	Bill to Site	Line Upload Action	Line Description	Quantity	Unit Price	Apply Upload Action	Apply Transaction Number	Apply Amount	
Create	US1 Business Unit	894567	10010	Newcastle	Create	1	Credit	-10	25	Create	798654	250

#### **Sheet Structure Examples**

Examples do not include all critical columns. Note the 'Create' action at the header for each section.

#### Download

Choose whether to download via sheet or via form as detailed [here](#)

#### On-Account Credit Memo Download Source

Select the On-Account Credit Memos download source as detailed [here](#)

For creating a new On-Account Credit Memo based on an existing On-Account Credit Memo follow these steps:

1. Download the desired On-Account Credit Memo(s)
2. Clear the downloaded Transaction Number
3. Update relevant columns as required

4. Ensure Create or Create records are entered the 'Apply Upload Action' in Header, Lines and other relevant sections
5. Select Create or Create records as the 'Apply Upload Action'
6. Complete applicable 'Apply' section columns
7. Validate and/or Upload

*Note: When creating a new credit memo, the Transaction Number column should be blank, unless you use a manual numbering batch source to generate a new Transaction Number.*

### **Open Invoices Download Source**

Select the Open Invoices download source as detailed [here](#)

If creating a new On-Account Credit Memo based on an existing Open Invoice follow these steps:

1. Download the desired Open Invoice(s)
2. Clear the downloaded Transaction Number
3. Update relevant columns as required
  - i.e. The Transaction Type will need to be changed to a Credit Memo type, and likely the line 'Quantity' and/or 'Unit Price'
4. Ensure Create or Create records are entered the 'Apply Upload Action' in Header, Lines and other relevant sections
5. Select Create or Create records as the 'Apply Upload Action'
6. Complete applicable 'Apply' section columns
7. Validate and/or Upload

*Note: When creating a new credit memo, the Transaction Number column should be blank, unless you use a manual numbering batch source to generate a new Transaction Number.*

*If an application record is rejected by the integrator validation, neither the new On-Account Credit Memo nor Application will be uploaded.*

*If an application record is instead rejected by the web service validation, only the application will be excluded from the upload. The new On-Account Credit Memo will be created if it passes validation.*

*To reprocess the application for the created On-Account Credit Memo, refer Create On-Account Credit Memo and Apply > populate data manually.*

More information on how to reprocess records can be found [here](#)

## **Use Existing On-Account Credit Memo and Apply**

Use of an existing On-Account Credit Memo and a new application can be achieved using the following methods:

- # Entry into the sheet via an import or manually
- # The On-Account Credit Memos Download Source

Entry into the sheet via an import or manually:

1. Start with a blank template or imported/copied existing transaction numbers(s)
2. Populate the existing transaction numbers into the 'Transaction Number' column
3. Ensure the corresponding Business Unit is entered in the 'Business Unit' column
4. Leave all 'Upload Action' columns blank except 'Apply Upload Action'
5. Select Create or Create records as the 'Apply Upload Action'
6. Complete applicable 'Apply' section columns
7. Validate and/or Upload

Header		Customer		Lines				Apply				
Header Upload Action	Business Unit	Transaction Number	Bill to Account Number	Bill to Site	Line Upload Action	Line	Description	Quantity	Unit Price	Apply Upload Action	Apply Transaction Number	Apply Amount
	US1 Business Unit	894568								Create	798655	250

## Sheet Structure Examples

Examples do not include all critical columns. Note the 'Create' action at the header for each section.

- # Entry into the sheet via an import or manually
- # The On-Account Credit Memos Download Source

## On-Account Credit Memo Download Source

If applying to an existing On-Account Credit Memo follow these steps:

1. Download the desired On-Account Credit Memo(s)
2. Leave all 'Upload Action' columns blank except 'Apply Upload Action'
3. Select Create or Create records as the 'Apply Upload Action'
4. Complete applicable 'Apply' section columns
5. Validate and/or Upload.

Note: The header section must have valid existing On-Account Credit Memo details in the Business Unit and Transaction Number columns when applying.

*If the Business Unit is removed/not entered an error will be presented on validation:*

**Apply Transaction Number cannot be validated as it requires Business Unit to be valid based on the upload action(s) for the associated row(s).**

More information on how to reprocess these records can be found [here](#).

## Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:

Attribute1

For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field.

Refer to the [Descriptive Flexfields](#) documentation for more information.

## Create Limitations

### Uploading Tax Lines

This initial release does not allow for uploading separate Tax lines. This is in planned development and will be available in a later version, this is due to current limitations in the REST web service validations being performed by Oracle.

### Uploading Salescredits

Currently, we are unable to support Quota and Non-Quota Salescredits as a web service does not exist for this. Should one be released we will look to add this functionality at a later date.

### Uploading Line-level Ship-To tax determinants

These are currently not supported as these fields aren't available in the Oracle REST web service. Should these become available we will look to add this functionality at a later date.

### Transaction Interface DFFs allow Duplicates

The Oracle REST web service does not reject duplicate transaction interface DFFs. This may or may not be an issue depending on your business processes.

### Supported Distribution Account Classes

Only Revenue, Receivables and Freight Account Classes are supported in this version.

When separate Tax lines are available in a future release, we will look to add Tax Account Class functionality.

All other Account Classes are unavailable due to limitations with Oracle's REST web service.

### Downloading On-Account Credit Memos

The current REST web services used to download On-Account Credit Memos and Open Invoice information has a limited array of queryable fields.

When using the 'On-Account Credit Memos' Download source, 'Business Unit', 'Transaction Date', 'Transaction Source', 'Transaction Type', 'Transaction Number', 'Cross Reference', 'Salesperson Number', 'Currency', 'Bill to Customer Account Number', 'Bill to Site', and 'PO Number' can be used as download criteria for both the sheet and form download.

When using the 'Open Invoices' Download source, 'Transaction Number', 'Salesperson Number', and 'Ship to Contact' can be used as download criteria for both the sheet and form download.

Contact More4apps should you require other fields as download filters.

### Downloading ID Codes instead of Values

Legal Entity and Taxation Country do not download, only their Id's or codes are written to the sheet. Should the user attempt to re-upload this data it would fail Integrator validation and need to be changed by the user. An Oracle SR has been created and is currently pending update.

### Downloading of Distributions

Distribution information does not download due to the design of the Oracle REST web service. Data becomes orphaned against credit memo lines making the user experience very cumbersome and could result in re-upload errors.

### **Unsupported Duplicates**

Oracle has not provided the ability to refine some duplicate names by numbers or IDs. If a duplicate name exists in one of the affected columns, Oracle will reject with “API Error: The <name> that you selected is invalid”. This is slightly misleading as it is valid but cannot be used as Oracle cannot identify the correct record. The data will need to be entered via the Oracle Cloud User Interface.

Currently affected columns include:

- Bill To Contact
- Transaction Business Category
- Intended Use
- Product Fiscal Classification
- Product Category
- Product Type
- User Defined Fiscal Classification

An Oracle SR has been created and is currently pending update.

### **Tax Exemptions**

Uploading Tax Exemption Handling values is not supported in this initial release, due to Oracle limitations. This will be added in a future release, should Oracle improve the web service. However, Tax Exemption Certificate Numbers and Reasons can be uploaded.

### **Item Number/Memo Line effect on the Description column**

The Oracle web service will overwrite a manually entered description with the description of an Item or Memo Line, if entered. The Integrator does not warn the user when this occurs.

### **Document Sequencing**

Document Sequencing is rejected by the web service. An Oracle SR has been created and is currently pending update.

### **DFFs - Searchable LOVs**

We are not able to provide searchable LOVs. This is due to the inability to run SQL dynamically in the Integrator.

The form supports both dependent and independent lists of values. However, table-based lists of values are currently not supported.

### **Some LOV values are duplicated in the Forms**

When a column i.e. Terms, is secured by SetId and is assigned to the common set AND a specific Business Unit set id, the web service displays this value twice in the response. This results in duplicates in the LOV. If there is only one assignment it does not duplicate.

Note - It makes no difference to the behavior of the Integrator in relation to which of the duplicates you choose, as they are effectively the same.

## Upload API Error - Ship to Customer

The Oracle REST web service currently rejects uploads where duplicate party names exist for the Ship To Customer Name (Ship to Name) in the worksheet. An error message, similar to the example below, will be written to the 'Header Messages' column:

*API Error: Applying List binding LOV\_ShipToCustomerName with given set of values leads to multiple matching rows for a row of type:InvoiceHeader*

This also occurs even if the Ship To Customer Number (Ship to Number) exists on the sheet as well. The API seems to validate the Name value in isolation from the Number value and rejects it if duplicate Party Names are found.

If the duplicate party values are valid the credit memo can be successfully uploaded when the Ship To Customer Number (Ship to Number) **exists** in the worksheet and the Ship To Customer Name (Ship to Name) is **removed** from the sheet. It is likely users may not know the Ship To Customer Number at the time of data entry, however the Integrator will default this value during validation, making it simple to remove the offending duplicate party name and retry the upload with just the account number instead.

An Oracle SR has been logged to see if this validation can be improved. *Tested on More4apps Cloud instance where Ship To Customer 'Business World' fails on 22D.*

## Attachments - Header Level only

This Integrator only supports the upload of attachments at the header level, to new credit memos. At this point in time, line level attachments are not supported. Also, should header attachments fail to upload successfully the first time, they can't be reprocessed. More4apps is investigating options on how this may be achieved.

## Apply Limitations

### Downloading Applications

This initial release does not allow for downloading existing applications for an invoice.

### 'No Data Found' Error

The webservice returns adequate messaging for most of the error scenarios. However, if an Invoice cannot be found by the webservice the following will be returned:

**API Error: JBO-AR:::GENERIC\_MESSAGE: AR-855636 APPLY : ORA-01403: no data found env:Server [CreditMemoService]**

This is returned under the following conditions where there is a mismatch between the On-Account Credit Memo and Open Invoice:

- # Unrelated Customers
- # Different Currencies
- # Different Business Units

Note: The Apply Transaction Number LOV excludes invoices with the following:

- # Zero balance
- # Incomplete
- # Different Business Unit

- # Closed status
- # Not an Invoice or Debit Memo

Some invoices that are returned in the LOV may be correctly rejected by the web service.

## Holds and Releases Integrator

The Holds and Releases Integrator is a solution for creating Holds on existing invoices and also applying releases to holds via the supported Oracle ERP Cloud REST Web Services.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

### Sections:

- [Apply Holds to Existing Invoices](#)
- [Apply Releases to Existing Holds](#)

## Apply Holds to Existing Invoices

Become familiar with the current Integrator [Limitations](#). These will be resolved over time as Oracle improves the underlying web services and we add functionality to this product.

To create a Hold on an existing invoice, ensure the **Upload Action** is set to **Create**.

Download invoices by the Invoice download source, will not download any existing Hold data relating to the invoice.

**Note:** Only 'User Releasable' Holds are available in the Holds LOV.

### Sheet Structure Examples

The scenario below illustrates how to apply multiple Holds to invoices. You need to repeat the Invoice information per Hold.

Note: You must have 'Create' as the Upload Action for each Hold.

Holds											
Holds	Hold Upload	Business Unit	Supplier	Supplier Number	Supplier Site	Invoice Number	Invoice Date	Invoice Amount	Hold Name	Hold Reason	
	Create	US1 Business	Allied Manufacturing	1265		KH061022-32			Expense report, bill Supplier	Bill not received for expense report. Hold all unvalidated invoices for supplier.	

## Apply Releases to Existing Holds

The scenario below illustrates how to Release the Holds applied to invoices. You need to repeat the Invoice information per Release.

**Note:** You must have 'Update' as the upload action for each Release.

Holds		Hold Upload		Business Unit		Supplier		Supplier Site		Invoice Number		Invoice Date		Invoice Amount		Hold Name		Hold Reason		Hold By		Hold Date		Release Name		Release Reason	
		Update	Update	US1 Business	Allied Manufacturing	US1 Business	Allied Manufacturing	1265	1265	KH061022-32	KH061022-32					Expense report, bill Supplier	Bill not received for expense report, Hold all unvalidated invoices for supplier.					Expense report, received bill Supplier updated	Received bill for Supplier or site				

Once all Hold and/or Release information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

### Holds Descriptive Flexfields

In the DFF form, the field controls may not represent the data type of each DFF Attribute for the chosen context. They will be presented as shortlist LOVs as shown below.

For DFF Attributes with a data type of free text, a user can type their value into the field control.

Refer to the [Descriptive Flexfields](#) documentation for more information.

## Create Limitations

### Creating Holds at the same time as Invoice creation

We are unable to create Holds at the same time as Invoice creation using the Holds and Releases Integrator. However, this functionality is available in the Payables Invoices Integrator.

### Holds download in the Payables Invoices Integrator

Currently, we are unable to download Holds information in the Payables Invoices Integrator however you are able to download Holds information using the Holds and Releases Integrator.

## Suppliers Integrator

The Suppliers Integrator is a solution for uploading Supplier master data via the supported Oracle ERP Cloud REST Web Services.

The Supplier REST Web Service that exists today, as at version 23C, is an inbound web service that allows both the creation and update of supplier data in Oracle Fusion Suppliers.

If you would like us to investigate the potential provision of update functionality which we do not currently offer, please register your suggestion and interest with More4apps.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

**Tip:** There are many fields available in each section of this Integrator so, for performance reasons, we highly recommend using tailored worksheet layouts for specific processes.

**Important to Note:** As with Oracle's FBDI products, all approval configuration in Oracle's 'Setup and Maintenance' > 'Configure Supplier Registration and Profile Change Request' form will be bypassed by the Supplier Integrator. Therefore, care must be taken to ensure that all data being uploaded via the Integrator has already been approved in line with your company's policies.

### Sections:

[Create Supplier Records](#)

[Update Supplier Records](#)

[Submitting Spend Authorization](#)

[Downloading Scenarios](#)

[Suppliers Limitations](#)

The following sections and functionality are available in the Supplier Integrator.

Also note which Sections can have 'Child' records as this will determine how data must be entered in those sections: see below for further details.

Section Name	Create New Records	Update Existing Records	Has Child Records?
Suppliers	Yes	Yes	Yes
Addresses	Yes	Yes	No
Sites	Yes	Yes	Yes
Site Assignments	Yes	No*	No
Supplier Contacts	Yes	Yes	Yes
Supplier Contact Addresses	Yes	No**	No
Business Classifications	Yes	Yes	No
Third-Party Payment Relationships	Yes	Yes	No
Products & Services	Yes	No**	No
Supplier Attachments	Yes	No	No
Site Attachments	Yes	No	No
Submitting Spend Authorization	Yes	Yes	No

\*Except for the 'Site Assignment Inactive Date' which can be updated.

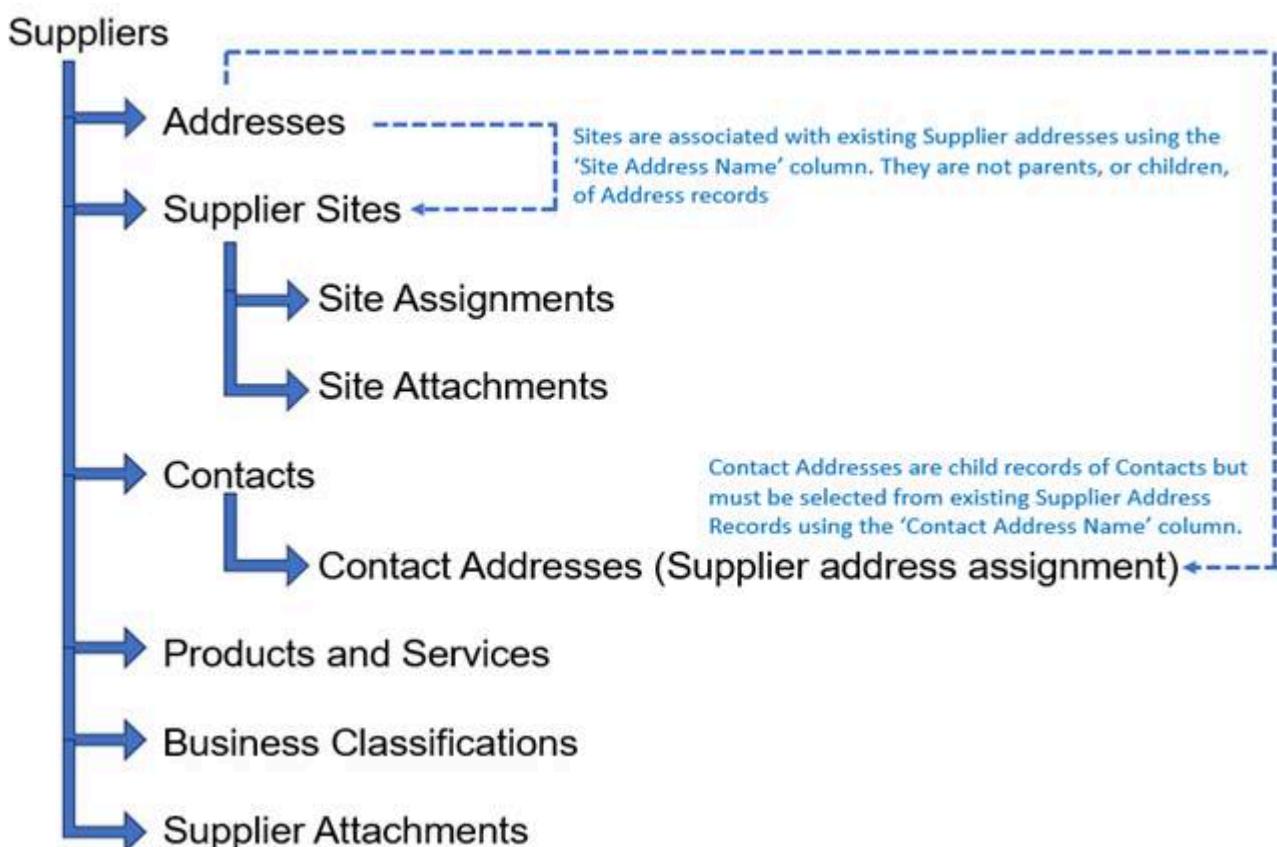
\*\*This functionality is available in the Oracle UI but, as at the current Fusion Release 23C, no REST web services exist to enable the updating of these records.

### Processing of Child Records

The column 'Has Child Records?' in the above table indicates whether the section has hierarchical child records or not. If they don't, there should be **no** blank rows between the data, or the upload will determine the rows have been orphaned.

Parent Section	Child Section	Blank Rows Between Allowed
Suppliers	Addresses Supplier Sites Supplier Contacts Business Classifications Products & Services Supplier Attachments	No Yes (as a parent itself) Yes (as a parent itself) No No No
Supplier Sites	Site Assignments Site Attachments Third Party Payment Relationships	No No No
Supplier Contacts	Contacts Addresses	No

The following diagram shows the relationships between the different sections of the Suppliers Integrator:



Suppliers	Addresses	Supplier Contacts		Supplier Contact	Sites	Site Assignments	
Supplier Name	Address Name	First Name	Last Name	Id	Contact Address Name	Site Address Name	Client Business Unit
TEST_SUPPLIER_1_UPD	TS1_ADD2_US	JIMMY	BLAYNEY	300000259627147	TS1_ADD_CN2	TS1_SITE1	TS1_ADD04
	TS1_ADD4				TS1_ADD_UK	TS1_SITE2	TS1_ADD_FR
	TS1_ADD_CN2				TS1_ADD1		UK Business Unit
	TS1_ADD6	MILLY	FARQUAHAR	300000259775132	TS1_ADD_UK		Supremo US Business Unit
	TS1_ADD7	TEDDY	BROWN	300000259627131	TS1_ADD_FR	TS1_SITE_AUS	TS1_ADD1_AUS
	TS1_CHINA	MADDIE	FARMER	300000259786737	TS1_ADD4	TS1_SITE_P&P	TS1_ADD8
	TS1_ADD8				TS1_ADD_FR	TS1_SITE_PRIMARY PAY	TS1_ADD7
	TS1_ADD_FR				TS1_ADD2_US		UK Business Unit
	TS1_ADD_UK	JEMIMA	PUDDLEDUCK	300000260838271	TS1_ADD_UK	TS1_SITE_CN2	TS1_ADD_CN2
	TS1_ADD1_AUS	JOSIE	WILDE	300000259627111	TS1_ADD1_AUS	TS1_SITE_UK	TS1_ADD_UK
	TS1_ADD1						

**The above is an example of a typical layout of basic data in the Suppliers Integrator for one Supplier record:**

The Supplier's **Address Name** details are listed without any blank rows between them. If a row were left blank, the Integrator would assume that the last record before the blank was the end of that particular Supplier's Address Name records and would then try to start creating a new Supplier record.

When **Contact Names** are entered they are associated with one or more **Address Names**. Where there are multiple associated Address Names, there will be blank rows in the Contacts section. These are expected by the Integrator and will not cause any issues.

The **Site Names** can be listed in any order, i.e. they don't need to be on the same line as a specific Address, as there is a separate 'Site Address Name' column which links the Site Name to an Address. As a Site Name can be assigned multiple Client Business Units in the **Site Assignments** section, there may be blank rows between the Site Name records. Also, if the Site Assignment has not yet been defined against a Site, there will obviously be blank rows in the Site Assignments section.

Suppliers	Supplier	Business Classifications		Products and Services		Sites	Sites
Supplier Name	Attachments	Classification		Category Type	Category Name	Site Name	Attachments
TEST_SUPPLIER_1_UPD	SUPP_ATT1	Minority Owned		PURCHASING	Animal Services	TS1_SITE1	TS1_SITE1_ATTACH1
	SUPP_ATT2	Service-disabled Veteran Owned		BROWSING	Office Furniture		TS1_SITE1_ATTACH2
	SUPP_ATT3	General Liability Insurance		BROWSING	Consulting Services		TS1_SITE1_ATTACH3
	SUPP_ATT4	Workers' Compensation Insurance		PURCHASING	Blood Draw	TS1_SITE_AUS	TS1_SITE_AUS_ATTACH1
	SUPP_ATT5	Small Business		BROWSING	Office Supplies		TS1_SITE_AUS_ATTACH2
				BROWSING	Computer Supplies	TS1_SITE_UK	
						TS1_SITE_P&P	TS1_SITE_P&P_ATTACH1
						TS1_SITE_PRIMARY PAY	

**The above is an example of a typical layout of sections of additional data relating to one Supplier record:**

The **Supplier Attachments**, **Business Classifications** and **Products and Services** are associated only to the Supplier so they should be listed without any blank rows in between.

Attachments at Site level may cause there to be blank rows in the Site section if there are multiple **Site Attachments** associated with one Site. This is permitted by the Integrator.

## Record Batching in the Supplier Integrator

More4apps takes advantage of REST web service payload batching in order to improve upload performance times. However, as of release 23C, only the following sections can batch records into larger payloads:

- Suppliers 50 records per batch
- Addresses 50 records per batch
- Supplier Contacts 50 records per batch
- Supplier Attachments 5 records per batch
- Site Attachments 5 records per batch

All other sections can only load 1 record at a time.

We hope Oracle will release more batching capability in the future to allow us to further improve the Integrator's upload performance.

## Products and Services – Category Type

Two values only are available for this field, BROWSING and PURCHASING. The image below displays the use of the PURCHASING category type:

Products and Services					Category
Products and Services	Products and Services	Upload Action	Category Type	Category Name	Description
	Create		PURCHASING	Business	Business

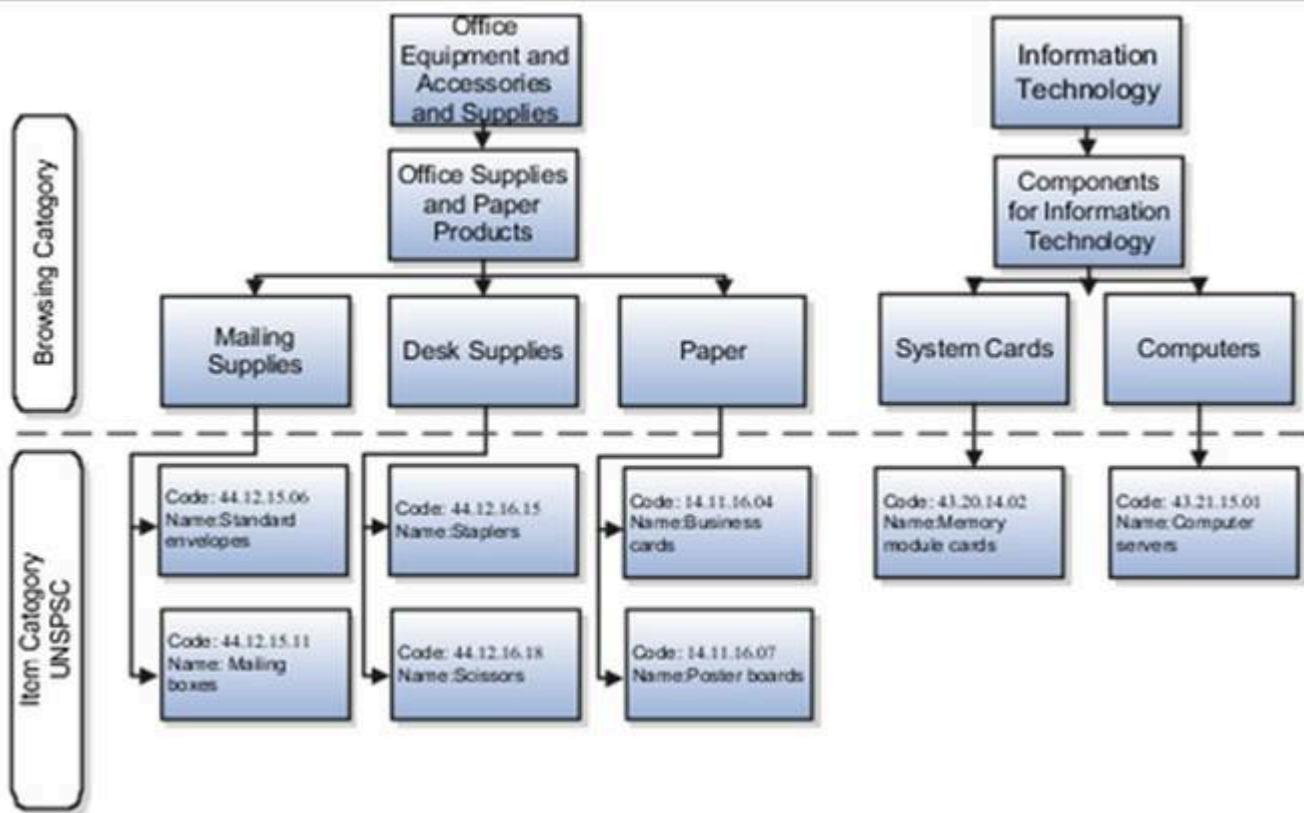
BROWSING Category Types: these Categories, used in Oracle to identify classes of products, are assigned to Catalog Category hierarchies, e.g. 'Office Supplies & Paper Products' (parent Browsing Category) > 'Mailing Supplies' (child Browsing Category).

The BROWSING Categories do not have any Items directly assigned to them.

PURCHASING Category Types: these are also known as Item Categories. Within a Catalog, every Item belongs to a Purchasing Category and each Purchasing Category is associated with a Browsing Category. An example of a Purchasing Category associated with the Browsing Category 'Mailing Supplies' could be 'Code: AA-BB-123 A4 Envelopes'.

This relationship is shown in the diagram below which is taken from the Oracle website:

<https://docs.oracle.com/en/cloud/saas/procurement/23c/oaprc/how-you-define-a-category-hierarchy-for-a-catalog.html#s20028078>



## Sections:

[Create Supplier Records](#)

[Update Supplier Records](#)

[Submitting Spend Authorization](#)

[Downloading Scenarios](#)

[Suppliers Limitations](#)

## Create Supplier Records

Before you begin, please review the current [Suppliers Limitations](#). We expect that these will be resolved over time as Oracle improves the underlying web services allowing us to add functionality to this product.

The Oracle REST web services are designed to default certain information during the upload process. To preserve performance, this Integrator has been designed to allow the background REST web service to create such default values rather than leaving this to the Oracle ERP Cloud UI.

To create new Supplier master data records, ensure the **Upload Action** for all relevant sections is set to **Create**.

Alternatively the action **Create records** can be entered: this will upload all data contained in the sections to the right of this entry without having to enter an Upload Action value in each subsequent section.

**Tip:** Use the Default Values row (row 10) and set the value to **Create** for each section to be uploaded if you only want to upload a subsection of the data in the sheet. Alternatively, simply enter **Create records** (case sensitive) into the 'Supplier Upload Action' Default Values row to automatically set the Upload Action in the Supplier and all subsequent sections containing data for all rows present.



# Finance Module

## Finance Suppliers

Status		Suppliers		
Suppliers Status	Spend Authorization Status	Suppliers Messages	Supplier Upload Action	Supplier Name
Default Values		Create		
			Create records	Barney's Bag Company Charlie's Carts Ltd Dave's Delights

## Sheet Structure Examples

Like all other More4apps EBS Wizards and Fusion Integrators, the worksheet sections are related to each other in a hierarchical manner. The following table demonstrates the sections' relationships.

Section	Parent Section	Relationship
Suppliers		Each row in the Supplier section is a separate Supplier record
Supplier Attachments	Suppliers	<b>Many to One</b> Each Supplier Attachment row is associated with the Supplier record
Addresses	Suppliers	<b>Many to One</b> Each Address row is associated with the Supplier record
Sites	Suppliers	<b>Many to One</b> Each Supplier Site row is associated with the Supplier record
Supplier Contacts	Suppliers	<b>Many to One</b> Each Supplier Contact row is associated with the Supplier record
Contact Addresses	Supplier Contacts	<b>Many to One</b> Each Contact Address row is associated with the Supplier Contact record
Third-Party Payment Relationships	Sites	<b>Many to One</b> Each Third-Party Payment Relationships row is associated with the Supplier Site record
Site Assignments	Sites	<b>Many to One</b> Each Site Assignment row is associated with the Supplier Site record

Site Attachments	Sites	<b>Many to One</b> Each Site Attachment row is associated with the Supplier Site record
Products & Services	Suppliers	<b>Many to One</b> Each Product & Service row is associated with the Supplier record
Business Classifications	Suppliers	<b>Many to One</b> Each Business Classification row is associated with the Supplier record
Spend Authorization	Suppliers	<b>One to One</b> One Spend Authorization row per Supplier record

The scenarios below illustrate the hierarchical layout. Examples do not include all critical columns. Note the 'Create' action in each section.

### Scenario 1

Two Suppliers each with two Sites with two Site Assignments:

Supplier Action	Supplier Details	Site Action	Site Details	Site Assignment Action	Site Assignment Details
Create	...	Create	...	Create	...
		Create		Create	...
Create	...	Create	...	Create	...
		Create		Create	...

### Scenario 2

Three Supplier records.

- the first has three Contacts and one Business Classification.
- the second has two Contacts and two Business Classifications.
- the third has one Contact and two Business Classifications:

Supplier Action	Supplier Details	Supplier Contacts Action	Supplier Contacts Details	Business Classifications Action	Business Classifications Details
Create	...	Create Create Create	...	Create	...
Create	...	Create Create	...	Create Create	...
Create	...	Create	...	Create Create	...

Once all Supplier information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses and some response information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records is [here](#).

## Attachments

The Integrator is only able to **create** Attachments as the Oracle web services does not currently allow for the update or download of existing Attachments.

Refer to the [Attachment](#) documentation for more information on these limitations.

## Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:



For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field. Please refer to the [Descriptive Flexfields](#) documentation for more information.

## Assigning Sites to New Addresses

To associate a Site with a new Address being created in the same upload, ensure the 'Site Address Name' has the same value as the 'Address Name' in the 'Addresses' section. It may be simpler to use a simple Excel formula in the 'Site Address Name' field that references the 'Address Name' value on the same row.

Addresses					Sites				
Address Messages	Address Upload Action	Address Name	Country	Address Line 1	Sites Messages	Site Upload Action	Site Name	Site Address Reference	Site Address Name
Create	Create	New Address Name Alison Street Washington	United States	102 Smithson Way 7524 Alison Way 7524 Smithsonian Parade	Create	Create	Office Workshop Billing Site	New Address Name Alison Street Washington	US 1 Business Unit US 1 Business Unit US 1 Business Unit

## Assigning Sites to Existing Addresses

This functionality is useful when creating new Supplier Sites referencing existing addresses instead of creating duplicate addresses in your instance. Examples of this could be when address records have been created and not yet assigned to Supplier Sites, or new Supplier Sites for additional business units are being created.

To associate a Site with an Address that already exists in the database, populate the 'Site Address Reference' field with the existing address name. Use the LOV on this field in the Data Form to help locate the address record if required. During validation the Integrator will automatically populate the 'Site Address Name' value in preparation for upload.

Addresses					Sites				
Addresses	Address	Address Name	Country	Address Line 1	Sites	Site Upload	Site Name	Site Address Reference	Site Address Name
						Create Create Create	Office Workshop Billing Site	New Address Name Alison Street Washington	US 1 Business Unit US 1 Business Unit US 1 Business Unit

## Assigning Addresses to Contacts

The 'Contact Addresses' section of the Supplier Integrator has 3 columns plus the read-only 'Messages' column.

Those columns and their usages are as follows:

- i. Contact Addresses Upload Action: this can only be 'Create' or 'Create records'.
- ii. Contact Address Reference: this is used for assigning an already existing Address to the Contact.
- iii. Contact Address Name: this is used to assign an address being created in the same upload as it is being assigned.

The Contact Address is always downloaded into the 'Contact Address Name' column.

Note that, if you have assigned an Address Name to a Contact and that Address Name is subsequently updated, the Address Name assigned to the Contact will be automatically updated.

If you should wish to add an existing Address record to the Contact, select the appropriate Address Name in the 'Contact Address Reference' column and upload the record.

Note: you cannot currently delete a 'Contact Address Name' via the Integrator.

### Sections:

[Update Supplier Records](#)

[Submitting Spend Authorization](#)

[Downloading Scenarios](#)

[Suppliers Limitations](#)

## Update Supplier Records

All Supplier Integrator sections, except 'Attachments' and 'Spend Authorization', allow records to be updated where the Oracle web services support this action. See this [table](#) for information relating to which sections support Update Actions.

The simplest way to populate the sheet for update is to first download the current Supplier data into the appropriate sections. Then make your data changes, populate the section's Upload Action column with 'Update'/'Update records' and upload the records.

Supplier information can be updated and created in the same upload. For example, you can update existing Site information on one row of the Integrator and, on the next row, you can add a new Site to the same Supplier.

In this example, the first row must have an Upload Action of 'Update', whereas the second row needs a 'Create' Upload Action:



## Finance Module

Finance Suppliers		Suppliers				Sites		Site Purpose		
Status	Suppliers Status	Suppliers Messages	Supplier Upload Action	Supplier Name	Supplier Number	Sites Messages	Site Upload Action	Site Name	Purchasing	Pay
Default Values				Carl's Cadillacs	100212		Update Create	Carl's Miami Workshop Carl's Tampa Workshop	Yes	No Yes

Once all Supplier information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

### Updating 'Supplier Name', 'Site Name' and 'Address Name'

When updating existing records, the Supplier Integrator uses the data in the sheet to identify the unique records. When absolutely necessary, to guarantee the uniqueness of these values, we use the underlying ID columns.

The following updateable Integrator columns are known as 'Identifier' columns:

- Supplier Name
- Site Name
- Address Name

When downloading, the Integrator will always populate the above columns. If these values require updating, the new values must be entered in the appropriate 'New' column and the appropriate **Upload Action** value must be 'Update'.

For example, to update an existing Supplier Name, you should download the current Supplier details into the sheet and then populate the **New Supplier Name** column with the updated value.



# Finance Module

## Finance Suppliers

Status	Suppliers				
Suppliers Status	Suppliers Messages	Supplier Upload Action	Supplier Name	New Supplier Name	Supplier Number
Default Values		Update	Carl's Cadillacs	Carl's Convertibles Inc.	100212
		Update	Tina's Teslas	Tina's Electric Automobiles Inc.	13541

To update an existing Site Name populate the **New Site Name** column with the updated value:

Finance Suppliers		Suppliers			Sites				
Status	Suppliers Status	Suppliers Messages	Supplier Upload Action	Supplier Name	Supplier Number	Sites Messages	Site Upload Action	Site Name	New Site Name
Default Values				Carl's Cadillacs	100212		Update	Carl's Miami Workshop	Carl's Parts Depot
				Tina's Teslas	13541		Update	Tina's Garage	Tina's EV Warehouse

Use the same process for updating the **Address Name**.

## Inactivating Contacts

In the Oracle UI the Contact Status can be set to 'Inactive'.

To deactivate a Contact via the Integrator, enter a value into the 'Inactive Date' column: this date must be on or before the current system date. Select an Upload Action of 'Update' or 'Update records' and upload the data.

Supplier Contacts									
Supplier Contacts Messages	Supplier Contacts Upload Action	Salutation	First Name	Middle Name	Last Name	Supplier Contact Id	Administrative Contact	Contact Status	Contact Inactive Date
	Update		Basil		Fawlty	300000260911923	Hotel Ov No	ACTIVE	9/08/2023
			Sybil		Fawlty	300000260911930	Hotel Ma Yes	ACTIVE	

## Sections:

[Create Supplier Records](#)

[Submitting Spend Authorization](#)

[Downloading Scenarios](#)

[Suppliers Limitations](#)

## Submitting Spend Authorization

The Supplier Integrator can be used to update a Supplier's 'Business Relationship' field value to 'Spend Authorized'.

To do this, ensure you have the separate 'Spend Authorization' section present in the Integrator.

Download the Suppliers that need to be updated (see steps in the [Downloading Scenarios](#) section below) and enter 'Yes' into the 'Spend Authorization' column. If required, also enter a free text value into the 'Justification' column.

Enter 'Update' or 'Update records' into the 'Supplier Upload Action' column, depending on whether you are updating any other sections at the same time, and upload the record.

The Supplier will then display with a Status of 'Pending Approval' in the 'Supplier Spend Authorization Requests' section in the Oracle UI Suppliers Overview form. These uploaded records will then need to follow your usual approval process. Once that has completed, the 'Business Relationship' field will have been updated to 'Spend Authorized'.

### Sections:

[Create Supplier Records](#)

[Update Supplier Records](#)

[Downloading Scenarios](#)

[Suppliers Limitations](#)

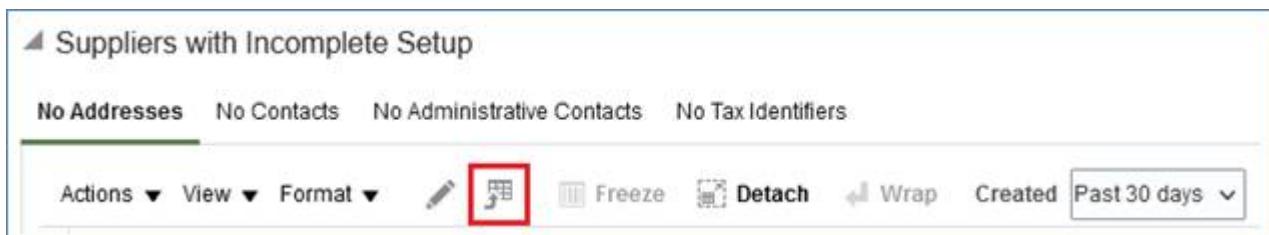
## Downloading Scenarios

Below are some useful scenarios that can be used to quickly prepare Supplier data for updating.

### Suppliers with Incomplete Setup

Supplier Portal information can easily be populated into the Integrator, enabling users to enrich or otherwise maintain the data and upload it back into Fusion.

1. From within the selected tabbed area of the Fusion Supplier Portal, e.g. the 'No Addresses' section, export the data to Excel using the button highlighted below:



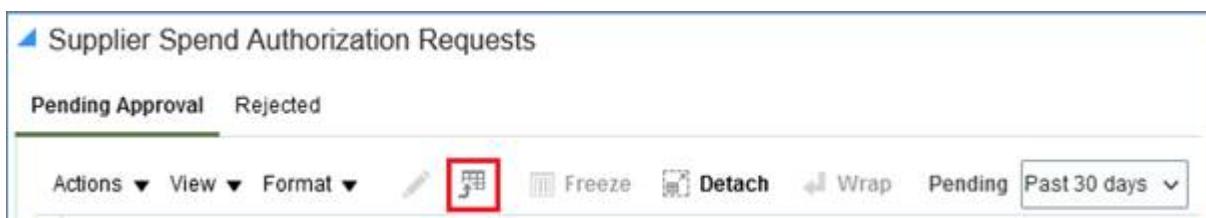
2. Ensure you have an Integrator sheet available with all the required columns present for making the updates.
3. Copy the Supplier Number values from the Excel worksheet and paste these into the **Supplier Number** column of the Integrator sheet.
4. Highlight the Supplier Number values which you want to download and select the 'Download Via Sheet' option from the More4apps 'Download' button on the ribbon.
5. Review the downloaded data to ensure you have all the records to be updated: you can delete rows or download additional Supplier data, as required.

The Integrator will now contain data in all appropriate sections ready for updating or creating new child records.

### **Supplier Spend Authorization Requests**

The Supplier Portal list of 'Prospective' Business Relationship Suppliers can be quickly populated in the Integrator allowing users to complete the 'Spend Authorization' section and upload the requests back into Fusion (see notes in the [Submitting Spend Authorization](#) section above).

1. Using the Fusion Supplier Portal, export the data to Excel using the button highlighted below:



2. Ensure you have an Integrator sheet available with all the required columns present for making the updates.

**Tip:** The worksheet below shows the minimum columns required to submit these requests. Limiting the sheet to these columns will ensure optimum performance of the upload. Also, note the use of 'Default Values' in row 10 of this example: this will save time entering data into the sheet:

A screenshot of a Microsoft Excel spreadsheet titled 'Finance Module'. The spreadsheet is divided into two main sections: 'Finance Suppliers' and 'Spend Authorization'. The 'Finance Suppliers' section has columns for 'Suppliers Status' and 'Spend Authorization Status'. The 'Spend Authorization' section has columns for 'Supplier Name' and 'Supplier Number'. Both sections include a 'Default Values' row and a row for 'Spend Authorization Messages', 'Spend Authorization Status', and 'Justification'.

3. Copy the Supplier Number values from the Excel worksheet and paste these into the **Supplier Number** column of the Integrator sheet.
4. Highlight the Supplier Number values which you want to download and select 'Download Via Sheet' option from the More4apps 'Download' button on the ribbon.

5. Review the downloaded data to ensure you have all the records to be updated: you can delete rows or download additional Supplier data, as required.
6. For this specific upload, no Supplier Upload Action value is required: the Integrator will detect the Spend Authorization information on the relevant rows.
7. Highlight the rows to be updated and submit the Upload process as normal.

## Sections:

[Create Supplier Records](#)

[Update Supplier Records](#)

[Submitting Spend Authorization](#)

[Suppliers Limitations](#)

## Suppliers Limitations

### Change Requests and Approvals

As of release 23C, the Oracle web services do not currently respect the 'Configure Supplier Registration and Profile Change' configuration.

This could potentially be an issue on your specific instance. Careful testing, together with a thorough review of any implications relating to this lack of functionality, should be undertaken.

More4apps will monitor and test subsequent Fusion releases to ascertain whether this behaviour is changed in the future.

### Sites & Site Assignments cannot be uploaded when creating 'Prospective' Suppliers

As of release 23C, Suppliers must be 'Spend Authorized' before they can have Sites and Site Assignments added to their record.

We suggest the following upload approach:

1. Populate all Supplier information in the worksheet, including Sites and Site Assignments.
2. Leave the **Upload Action** blank in the Sites and Site Assignments section.
3. Upload the Supplier record along with the Spend Authorization information to launch the approval workflow.
4. Once the supplier has been Spend Authorized, populate the **Upload Action** in the Sites and Site Assignments section with 'Create'.
5. Upload the record(s).

### Assignment, Creation and Update of Payment Methods and Attributes are not supported in Suppliers Integrator.

These functionalities are available in [Supplier Payment Details Integrator](#).

### Creation and Assignment of Bank Accounts not supported in Suppliers Integrator.

These functionalities are available in [Supplier Bank Accounts Integrator](#).

### DFFs not supported at Address or Contact Levels

While the Fusion web services document that these are available to view, as of release 23B they are not supported for uploads.

## DFFs - Searchable LOVs

Due to the inability to run SQL dynamically in the Integrator, we are not able to provide searchable LOVs. The Integrator's DFF forms support LOVs for both dependent and independent DFF segments. However, table-based LOVs are currently not supported.

## Download of Attachments not available

As of release 23B, we are unable to download attachment information into the Integrator: this is due to an Oracle web service error.

More4apps will monitor and test subsequent Fusion releases to ascertain whether this situation is resolved in the future.

## Shipping Method values do not download

As the value in the Shipping Method field is a concatenation of the Carrier, Mode of Transport and Service Level fields, it cannot be downloaded as a single value. Therefore, it is not possible to provide this field in the Integrator.

## Address Uploads ignore Fusion address configuration

As of release 23C, any address data can be uploaded irrespective of the address configuration in your Fusion instance. We anticipate this omission may be resolved by Oracle in the future. In the meantime, you may need to implement your own Address data quality checks post upload.

### Sections:

[Create Supplier Records](#)

[Update Supplier Records](#)

[Submitting Spend Authorization](#)

[Downloading Scenarios](#)

## Customers Integrator

The Customers Integrator is a solution designed to simplify uploading Customer master data into Oracle Fusion Customers Data Management.

It leverages the supported Oracle ERP Cloud REST and SOAP Web Services, available from Oracle version 23C onwards. These web services are inbound web services that allow both the creation and update of customer data in Oracle Fusion Customers Data Management.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

**Tip:** While the Integrator offers a wide range of fields in each section, for optimal performance, we recommend creating tailored worksheet layouts for specific processes.

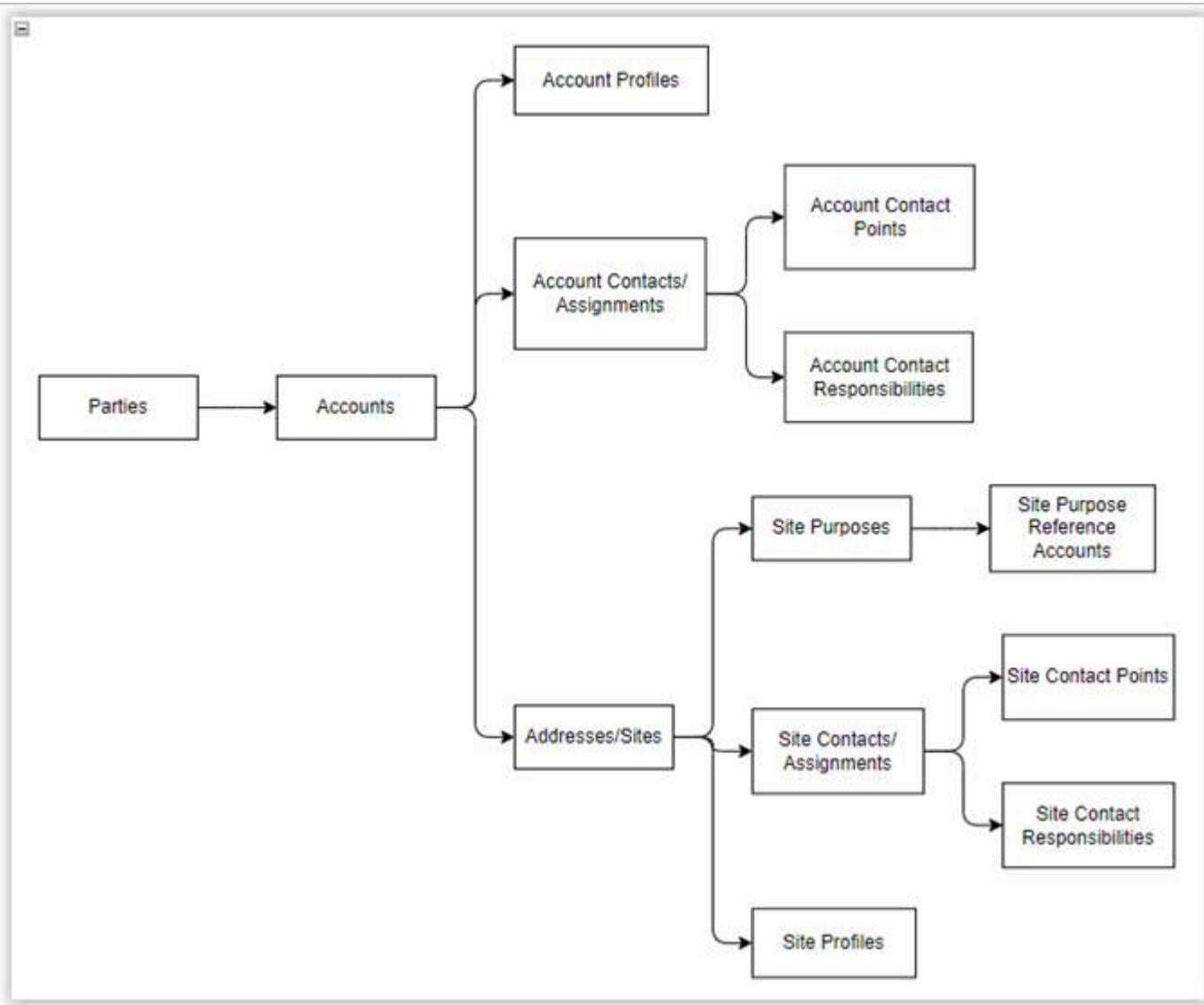
The following sections and functionality are available in the Customers Integrator:

Section Name	Create New Records	Update Existing Records
Parties	Yes	Yes

Accounts	Yes	Yes
Account Profiles	Yes	Yes*
Account Contacts	Yes	Yes
Account Contact Responsibilities	Yes	Yes
Account Contact Points - Emails, Phones, IMs, Websites	Yes	Yes
Addresses/Sites	Yes	Yes
Site Purposes	Yes	Yes
Site Purpose Reference Accounts	Yes	No
Site Profiles	Yes	Yes*
Site Contacts	Yes	Yes
Site Contact Responsibilities	Yes	Yes
Site Contact Points - Emails, Phones, IMs, Websites	Yes	Yes

\* When adding a new Profile, Oracle automatically deactivates the currently active profile by setting an End Date against it.

The diagram below shows the relationship between the different sections in the Customers Integrator:



## Sheet Structure Examples

Like all other More4apps EBS Wizards and Fusion Integrators, the worksheet sections are related to each other in a hierarchical manner. The following table demonstrates the sections' relationships.

Section	Parent Section	Relationship
Parties		Each row in the Parties section is a separate Party record
Accounts	Parties	<b>Many to One</b> Each Account row is associated with the Party record
Account Contacts/Assignments	Accounts	<b>Many to One</b> Each Account Contact/Assignment row is associated with the Account record
Account Contact Points	Account Contacts/Assignments	<b>Many to One</b> Each Account Contact Point row is associated with the Account Contact record

Account Contact Responsibilities	Account Contacts/Assignments	<b>Many to One</b> Each Account Contact Responsibility row is associated with the Account Contact record
Account Profiles	Accounts	<b>One to One</b> Each Account Profile row is associated with the Account record
Addresses/Sites	Accounts	<b>Many to One</b> Each Address row is associated with the Account record
Site Purposes	Addresses/Sites	<b>Many to One</b> Each Site Purpose row is associated with the Address/Site record
Site Purpose Reference Accounts	Site Purposes	<b>Many to One</b> Each Site Purpose Reference Account row is associated with the Site Purpose Bill to record
Site Contacts/Assignments	Addresses/Sites	<b>Many to One</b> Each Site Contact row is associated with the Address/Site record
Site Contact Points	Site Contacts/Assignments	<b>Many to One</b> Each Site Contact Point row is associated with the Site Contact record
Site Contact Responsibilities	Site Contacts/Assignments	<b>Many to One</b> Each Site Contact Responsibility row is associated with the Site Contact record
Site Profiles	Addresses/Sites	<b>One to One</b> Each Site Profile row is associated with the Site record

The scenario below illustrates the hierarchical layout. The example shows one Party record, two Customer Accounts and associated Account and Site information. Note the 'Create' action in each section.

Parties	Accounts	Account Profiles	Account Contacts/Assignments	Account Contact Responsibilities	Account Contact Points	Addresses/Sites	Site Purposes	Site Purpose Reference Accounts	Site Profiles	Site Contacts	Site Contact Responsibilities	Site Contact Points
Create	Create	Create	Create	Create	Create	Create	Create	Create	Create	Create	Create	Create
				Create	Create	Create	Create	Create	Create	Create	Create	Create

## Sections:

[Create Customer Records](#)

[Update Customer Records](#)

[Download Customer Records](#)

[Customers Integrator Limitations](#)

## Party and Customer Account Creation Process

When creating a Customer Account in the Oracle Fusion User Interface, the associated Party record is automatically created. Conversely, when using the web service to create a Customer Account, there must be a pre-existing Party record for that Account. To facilitate this, the Customers Integrator allows you to create the Party and Customer Account in the same upload.

### Create Customer Records

#### Create Party Organization and Customer Account

To create a Party Organization, ensure the Party Upload Action field is populated with 'Create' or 'Create records'. Select the Party Type of 'Organization' and enter the 'Party Organization Name' and any additional required Party Organization information. Similarly, in the Accounts section, enter the Account Upload Action of 'Create' or 'Create records' and any relevant Account information.

Parties					Party Organizations				Accounts					
Parties	Party Upload Action	Party Type	Party Name	Party Registry Id	Party Organization Name	Party DUNS Number	Party Chief Executive Name	Party Fiscal Year End Month	Accounts	Account Upload Action	Account Number	Account Description	Account Type	Account Customer Class
	Create Create	Organization Organization			Eastgate Motors Eastgate Childcare		Mary Jenson Jane Robertson	January March		Create Create		81456565 81432569	External	Hospitality

#### Create Party Person and Customer Account

To create a Party Person, ensure the Party Upload Action field is populated with 'Create' or 'Create records'. Select the Party Type of 'Person' and enter the Person's details in the 'Party Persons' section. Likewise, in the Accounts section, enter the Account Upload Action and the relevant Account information.

Parties					Party Persons					Accounts			
Parties	Party Upload Action	Party Type	Party Name	Party Registry Id	Party Person Title	Party Salutary Introduction	Party First Name	Party Middle Name	Party Last Name	Accounts	Account Upload Action	Account Number	Account Description
	Create	Person			Miss	Mary	Jane		Smith		Create		NHS72589

#### Account and Site Contact Assignments Creation Process

Contacts can be created at Account and Site level. The creation of Contacts entails multiple calls to the web services. The initial call creates the basic Contact information at the appropriate level, but does not create the association with a Customer Account/Site - i.e. at this point the Contact will not be visible within Oracle Fusion.

The Integrator will automatically trigger a call to a second web service to assign the newly created Contact to the Customer Account/Site against which the Contact has been entered in the Integrator.

The Contact Assignment Primary Flag can be set as 'Yes' at the Account/Site level to indicate that a contact is the Primary Contact for this Account/Site.

Account Contacts										Account Contact Assignments	
Account Contacts Messages	Account Contact Upload Action	Account Contact Number	Account Contact Prefix	Account Contact First Name	Account Contact Middle Name	Account Contact Last Name Prefix	Account Contact Last Name	Account Contact Suffix	Account Contact Title	Account Contact Assign Primary Flag	
	Create	350808	Sir	Kasey	James	Vander	Ho	Esquire	Emergency Contact	Yes	

### Account and Site Contact Points

To simplify the creation of Contact Point details, which involves multiple web service calls, the Contact Types are categorized into subsections within the Account contacts and Site Contacts sections, e.g. Account Contact Emails, Account Contact Phones, etc.

### Associating New 'Bill To' and 'Ship To' Site Purposes

When creating a new Address and Site, the 'Bill To' and 'Ship To' Site Purposes can both be created and the 'Bill To' Address associated with the 'Ship To' Site Purpose in the same upload. To create this association, select 'Yes' in the 'Site Purpose Bill To Parent Site' field against the 'Ship To' row.

The 'Site Purpose Location' field must be populated with the same value for both the Bill To and Ship To Purposes.

Addresses								Site Purposes						
Addresses Messages	Address Upload Action	Address Number	Address Name	Address Country	Address Line 1	Address City	Address State	Address Postal Code	Site Purposes Messages	Site Purpose Upload Action	Site Purpose Location	Site Purpose	Site Purpose Bill To Site	Site Purpose Bill To Parent Site
	Create records	1278625	SunAve	New Zealand	45 Sunshine Ave	Hamilton	Waikato	3200		Create records	SunAve	Bill to	Ship to	Yes

### Assigning an Existing 'Bill To' Site Address to a new 'Ship To' Purpose

Select the relevant address from the list of values against the 'Site Purpose Bill To Site' field to associate the selected address to the 'Ship To Site Purpose'.

Site Purposes					Site Purpose Bill To Parent Site
Site Purposes Messages	Site Purpose Upload Action	Site Purpose Location	Site Purpose	Site Purpose Bill To Site	
		SunAve	Bill to	45 Sunshine Avenue,Hamilton 3200,NEW ZEALAND	
		SunAve	Ship to		

### Enter Account and Site Profile Class Information

Enter the appropriate Profile Class Name manually or select it from the available list of values. If you wish to upload different values of those that defaulted from the Profile Class, simply enter these in the worksheet. When uploaded, all profile values will be defaulted from the Profile class except those overridden in the worksheet.

To verify the uploaded data, download the record into the sheet.

Account Profiles		Account Credit and Collections						
Account Profiles Messages		Account Profile Upload Action	Account Profile Class Name	Account Profile Collector	Account Profile Credit Analyst	Account Profile Credit Classification	Account Profile Credit Limit	Account Profile Order Amount Limit
	Create records	CREDIT CHECK CUSTOMERS						
	CREDIT CHECK CUSTOMERS	Birgitta Olson	Campbell, Scott	Moderate Risk	150000	15000		

## Account Profiles

When a customer account is created in the Oracle UI, it is automatically assigned a 'DEFAULT' profile. However, when using the web service to upload customer records, if no profile value is provided, the web service does not default this information. As a result, customer records are uploaded with a blank profile. This leads to a form freeze in the Oracle UI when attempting to review the Profile History Tab for customers with no profile.

To avoid this situation arising, the Integrator requires users to enter a profile when creating customers. If no profile is entered, the Integrator will fail with the error: '[Accounts] Account Profiles section must be completed if Accounts Upload Action is 'Create' or 'Create records'.

## Site Profiles

There are a number of prerequisites that are required to create Site Profiles:

- The site you want to create a profile for must have an active Site Purpose. This purpose can be either 'Bill To' or 'Ship To'.
- The 'Account Number' and 'Site Number' for the specific site must be provided on the sheet. These numbers are required by the web service for processing.

Note that each site can have only one associated Profile.

## Original System Field Settings

Inputting Original System information into multiple sections, e.g. Addresses, Accounts, Contact Points, etc. may cause the upload to fail with the following message:

"API Error: You can't create multiple mappings for this source system. (HZ-120146)

HZ:::HZ\_MOSR\_NO\_MULTIPLE\_ALLOWED [UploadAddresses]"

To resolve this issue, navigate in Oracle Fusion UI to the Setup and Maintenance > Manage Source System Entities form.

In the Customer Information System: Entities section > Allow Multiple Source References, enable the relevant sources.

## Manage Source System Entities

Source Systems for Trading Community Members

View  Format   Freeze  Detach  Wrap 

Name	Description	Code	Type
Antone Electric	Antone Electric Spoke System	ANTONE_ELECTRIC	Spoke
ATG eCommerce	ATG eCommerce Order Capture 2	ATO2	Spoke
Agile A9	Agile A9 Integration	Agile	Spoke
Allied Manufacturing	Allied Manufacturing - Supplier Item Upload	Allied_Manufacturing	Spoke
Amazon	Amazon	Amazon	Spoke
Americas Sales	Americas Sales	AmericasSales	Spoke
Big Machines 1	Big Machines 1	BM1	Spoke
Customer Information System	Utilities Customer Care and Billing System	CIS	Spoke
Claims	One Time Payments	CLAIMS	Spoke
Comma separated values	Maintains cross reference between Oracle Fusion applications database and records imported using comma-separated files.	CSV	Spoke

**Customer Information System: Entities**

Allow Multiple Source References

Addresses  Contact points

Accounts  Financial ratings

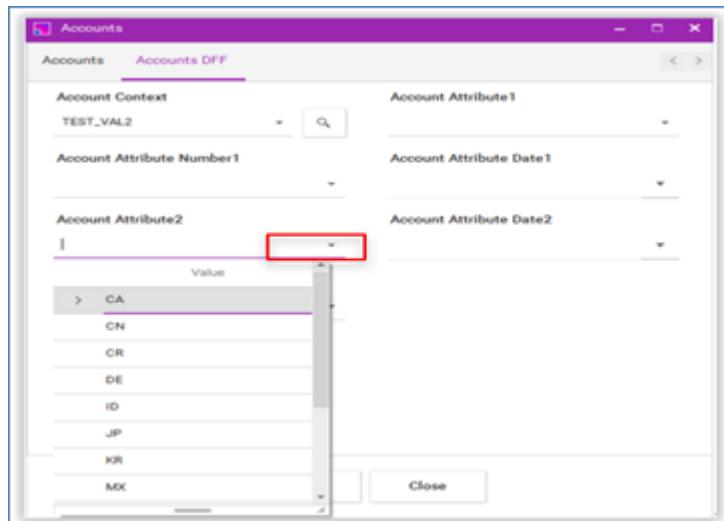
Additional names and identifiers  Parties

Classifications  Relationships

Contact Preferences

## Descriptive Flexfields

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:



For DFF Attributes with a Data Type of Free Text, type the required value into the available field.

Refer to the [Descriptive Flexfields](#) documentation for more information.

### Sections:

[Update Customer Records](#)

[Download Customer Records](#)

[Customers Integrator Limitations](#)

## Update Customer Records

Customers Integrator sections are able to update existing records, provided the corresponding Oracle web services support such updates. For details on which sections support updates, refer to the provided [table](#).

These are the recommended steps to update existing Customer information:

- Create a specific template sheet to include only the sections/fields to be updated plus any other mandatory fields.
- Download the existing Customer information into the sheet.
- Make the necessary changes on the downloaded data.
- Populate each section's Upload Action column with 'Update'/'Update records'.
- Upload the records.
- Re-download the records to verify the updates are correct.

### Update Party Organization Name

When updating existing records, the Customers Integrator needs to identify the specific records to be updated: it does this via unique IDs, e.g. Party Registry Id, Party Id, etc. which must, therefore, be present in the sheet. These IDs can be obtained by downloading the existing record into the sheet.

For example, to update an existing Organization Name, download the current Customer details into the sheet. The 'Party Name' and 'Party Organization Name' show the current Organization Name: the Party Registry Id column shows the Customer's unique Party Number. Note: 'Party Name' is a download filter field and does not allow update.

Update the 'Party Organization Name' to the new value, make any other required changes and upload the record. Re-download the record to verify the updates are correct.

Parties					Party Organizations			
Parties	Party Upload	Party Type	Party Name	Party Registry Id	Party DUNS	Party Chief Executive Name	Party Fiscal Year End Month	
Messages	Action				Party Organization Name	Number		
	Update	Organization	Westgate Finance Ltd	989450	Westgate Finance Inc	785249125	James Cole	April

### Update Person Details

For a Party Person, the Party Name displays the Person First Name, Middle Name, Last Name and Suffix.

To update the person record, download the Party Person, make the necessary changes and upload the record.

Parties					Party Persons						
Parties	Party Upload	Party Type	Party Name	Party Registry Id	Party Person Title	Party Salutary Introduction	Party First Name	Party Middle Name	Party Last Name Prefix	Party Last Name	Party Suffix
Messages	Action										
	Update	Person	Kasey James Ho PHD	980333	Dr.		Kasey	James	Van	Halen	PHD

### Update Account and Site Profiles

When adding a new Profile, use an 'Update' function. Since only one Profile can be active at a time, Oracle automatically deactivates the current Profile by setting an End Date against it and creates a new Profile with the current date as its Start Date.

Accounts Status	Account Profile Status	Parties	Parties Message	Party Notified A Party Type	Party Name	Party Registry	Party Organization	Accounts	Accounts Message	Account Uploaded	Account Number	Account Description	Account Profiles	Account Profile Message	Account Profile Status	Account Profile Id	Account Profile Class Name
		ORIGINAL DOWNLOADED PARTY	Organization	JACKZ JUMPERS	1903041	JACKZ JUMPERS				021111	JACKZ JUMPERS ACCOUNTS				300000266527756	M4A CUST PROFILE CLASS	
Validated	Accepted	UPDATE PROFILE CLASS NAME	Organization	JACKZ JUMPERS	1903041	JACKZ JUMPERS				021111	JACKZ JUMPERS ACCOUNTS		Update	300000266527756	DEFAULT		
		RE-DOWNLOADED PARTY	Organization	JACKZ JUMPERS	1903041	JACKZ JUMPERS				021111	JACKZ JUMPERS ACCOUNTS			300000266527756	DEFAULT		

## Profile History

Actions ▾ View ▾

Effective Start Date	Effective End Date	Profile Class
1/1/51	3/19/24	M4A CUST PROFILE CLASS
3/20/24	12/31/12	DEFAULT

## Sections:

[Create Customer Records](#)

[Download Customer Records](#)

[Customers Integrator Limitations](#)

## Download Customer Records

In the absence of a suitable Oracle web service, we've implemented a downloading solution using a BI Report. The data downloaded through the BI Report leverages some, but not all, of the access controls used in the Oracle Fusion ERP UI.

To ensure only authorized users can access information, administrators manage download access through a profile option. Failure to correctly set this profile option for the Customer Integrator will result in no records being able to be downloaded: note that there will be no error message in this situation.

See the following section for details: [Enabling BI Report Downloads](#)

The download is intended for the following types of users: Users that are restricted by Business Units or Users with Implementer roles.

This download is not designed for users with data access restricted by the 'VIEW' access function security.

## Sections:

[Create Customer Records](#)

[Update Customer Records](#)

[Customers Integrator Limitations](#)

## Customers Integrator Limitations

### Download uses a BI Report

In the absence of a suitable Oracle web service, we've implemented a download solution using a BI Report.

The data downloaded through the BI Report leverages some, but not all, of the access controls used in the Oracle Fusion ERP UI. To ensure only authorized users can access information, administrators manage download access through a profile option.

The download is intended for the following types of users: Users that are restricted by Business Units or Users with Implementer roles.

This download is not designed for users with data access restricted by the "VIEW" access function security.

#### **DFFs not supported in Parties section**

The REST web service does not support DFFs at Party level.

#### **Account Profile and Site Profile Credit Limits, and Currency Settings**

We cannot provide this functionality as web services do not exist, as of release 25B for creating and updating the Credit Limits and Currency settings for site profiles in the 'Credit Limits and Late Charges' tab in the Oracle UI.

#### **DFFs are not implemented for the Account Profile or Site Profile sections**

DFFs for the Account Profile and Site Profile sections are currently not implemented due to web service issues. More4apps has raised a Service Request (SR) with Oracle Support requesting these shortfalls be addressed. We will monitor the progress of the SR and consider future enhancements in this area should the functionality become available.

#### **DFFs - Searchable LOVs**

Due to the inability to run SQL queries dynamically in the Integrator, we are not able to provide searchable LOVs. The Integrator's DFF forms support LOVs for both dependent and independent DFF segments. However, table-based LOVs are currently not supported.

#### **DFFs - Downloads are not implemented**

Downloading of values entered against DFFs and Global DFFs is not currently supported, as at Oracle release 24A, due to the relevant Oracle Package failing to retrieve the DFF data.

More4apps will monitor this situation in anticipation of a future fix from Oracle.

#### **Account and Site Profile Global DFFs**

While Global DFFs at Account and Site Profile levels appear to be available in the web service, there are limitations in the support of this functionality. Oracle has indicated that a bug number (Bug 35036501) has been raised regarding this functionality. However, a fix is not currently planned.

Details of the bug number are available from the link below:

<https://community.oracle.com/customerconnect/discussion/757127/customer-account-profiles-soap-api-and-global-dffs-bug/p1?new=1>

#### **Download of Original Systems and Original System References is not supported.**

#### **Update of Site Purpose Reference Accounts is not supported**

The Integrator has only the **Create** function available in this section. There is no web service enabled for Updates.

## Attachments

Processing of Attachments is not supported in the Customers Integrator.

## Addresses

Since the Oracle web services do not support geographical address validation, creating/updating addresses using the Customers Integrator will not validate address information against the master geography data.

The ESS Job 'Validate Geographies of Addresses Against Master Geographies' can be submitted in Oracle Fusion to validate the geography elements, e.g. state, city, postal code are valid against the master geography data. This process also stores the Geography Name Referencing information for the address.

### Sections:

[Create Customer Records](#)

[Update Customer Records](#)

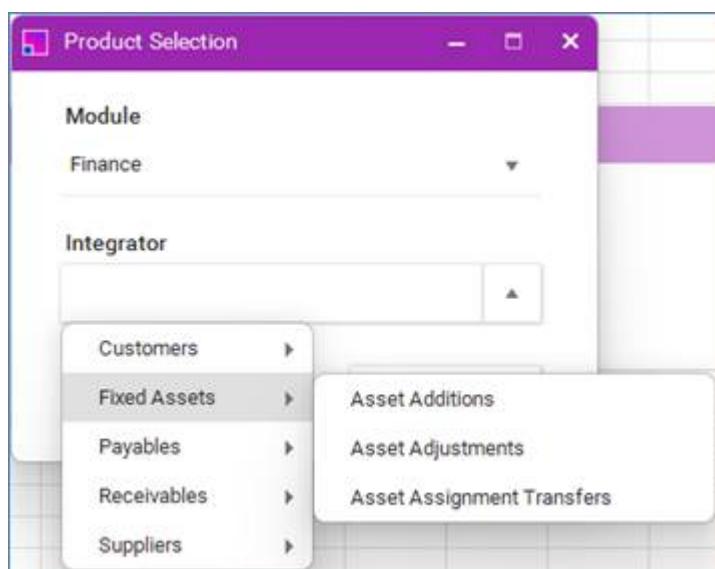
[Download Customer Records](#)

## Fixed Assets

The Fixed Assets functionality is broken down into multiple Asset integrators

- [Asset Additions Integrator](#) - for creating Assets in your Corporate Book
- [Asset Adjustments Integrator](#) - for adjusting your Corporate and Tax book assets
- [Asset Assignment Transfers Integrator](#) - for transferring units assigned
- [Asset Retirements Integrator \(Future\)](#)
- [Asset Capitalization Integrator \(Future\)](#)
- [Asset Source Line Transfer Integrator \(Future\)](#)
- [Asset Reclassifications Integrator \(Future\)](#)

Integrators related to Fixed Assets are grouped under the main heading Fixed Assets.



Navigate to the sections below for instructions on how to use the Integrators related to Fixed Assets.

## Sections:

[Asset Additions Integrator](#)

[Asset Adjustments Integrator](#)

[Asset Assignment Transfers Integrator](#)

## Asset Additions Integrator

The Asset Additions Integrator is a solution for creating Fixed Assets via the supported Oracle ERP Cloud REST Web Services. Assets can only be created in the Corporate Books that you have access to. Assets can subsequently be added to the Tax book using the Oracle Mass Copy feature.

Ensure you are familiar with the More4Apps Finance module [prerequisites](#) before attempting to use this Integrator.

The following sections are currently available in the Asset Additions Integrator:

- Assets
  - Assets (Descriptive details)
  - Descriptive DFFs
  - Financial Details
  - Advanced Rules
- Attachments
- Transactions
  - Transaction DFFs
- Assignments
- Source Lines

Navigate to the sections below for instructions on how to use the Integrator.

## Sections:

[Create Assets](#)

[Download Assets](#)

[Asset Additions Limitations](#)

## Create Assets

Become familiar with the current Integrator limitations. These will be resolved over time as Oracle improves the underlying web services and we add additional functionality to this product.

To create a new asset, the 'Assets Upload Action' column value must be **Create** or **Create records**. Create records causes all related child components to default to the same action, while Create will only create that section. Refer to the [Uploading](#) section for more information on how to use the Create action.

Status	Assets Status	Assignments Validation Status	Assets	Description	Creation Date	Book	Asset Type	Category	Tag Number
Default Values			Assets Messages	Assets Upload Action	Asset Number				
Accepted	Accepted	Validated		Create Create records	WT ASSET 100624C 113339	WT ASSET 100624C - Integrator WT Test 07062024.2		US C US C	Capitalized Capitalized
							COMPUTER	T100624C COMPUTER-SOFTW	

There are two methods for entering values: direct input on the sheet or via a Data Form. Each method has its own advantages.

### Direct Input on the Sheet

- You can manually enter values directly onto the sheet.
- This method allows you to copy and paste values from a different source.
- Note that when uploading, a validation process will run to ensure the correctness of all entered values.

### Data Form

- The Data Form provides an alternative way to enter values.
- It allows you to search or select values from pre-defined List of Values.
- This can be useful when you don't know the exact value to enter on the sheet.

To create a new asset, the following values are required and must be included as part of the upload:

- Description
- Book
- Asset Type
- Category
- Cost (for Capitalized only)
- Units Assigned
- Expense Account
- Location

Currently, only the following Asset Types are supported in the integrator:

- Capitalized
- CIP

### Assets (Descriptive Details)

#### Asset Number

This is controlled by your configuration and can be either Manual or Automatic. If you have numbering set to automatic, then you will not be able to enter a value in this field. If your configuration is manual, then you can optionally enter a value. If you leave the field blank, then the system will automatically allocate you a number.

**Note:** If you enter an asset number with mixed cases (e.g., Asset001), Oracle will convert it to all uppercase once created (e.g., ASSET001). Therefore, we recommend entering asset numbers in all capitals.

The example below demonstrates creating a new asset using both a user-defined value and a system-generated value:

Status		Assets			Creation Date			Book			Asset Type		Category		Tag Number		Serial Number	
Assets Status	Assignments Validation Status	Assets	Messages	Assets Upload Action	Asset Number	Description												
Default Values																		
Accepted Accepted	Validated Validated			Create Create records	WT ASSET 100624C 113339	WT ASSET 100624C - Integrator WT Test 07062024.2					US C US C	Capitalized Capitalized	COMPUTER COMPUTER-SOFTWARE	T100624C SER123				

### Asset Key

The Integrator supports both the List of Values (LOV) of existing values and dynamic insertion functionality (if enabled in Oracle) for the Asset Key column. You can either manually enter valid Key Flexfield values into the Asset Key column or select from the existing set of values. For more information about the KFF support, please click [here](#).

## Category

When selecting Category, the following columns inherit the values set up against it, but you can overwrite them:

- # Ownership
- # In Physical Inventory
- # Depreciate
- # Method
- # Prorate Convention

**Note: Property Type and Property Class are not currently defaulting from the Category selected. You will have to manually add these to the sheet columns. A Service Request has been logged to address this issue.**

The following table describes the columns available in the Assets section in more detail:

Column	Notes
Asset Number	See above.
Description*	Description of an asset. You can use this attribute to describe the asset features, characteristics etc.
Creation Date	Read only date that the asset was created.
Book*	The Corporate Book you wish to create the asset in. You will only see those Book's that you have security access to. An asset can belong to any number of Books (e.g. Tax) but only one Corporate Book.
Asset Type*	Capitalized: Assets that are included on the company balance sheet and depreciated over time, with costs charged to an asset cost clearing account.  Construction-in-Process (CIP) Assets: Assets being constructed over a period of time, not yet in use, and not yet depreciating. Costs are charged to a CIP clearing account. Once completed and placed in service, they are capitalized and begin depreciating.
Category*	Select one of the Categories that have been enabled for this Book
Tag Number	A tag number <u>uniquely</u> identifies each asset. For example, use the tag number to track asset barcodes.
Asset Key	The asset key allows you to group assets or identify groups of assets quickly. It does not have financial impact; rather it can be used to track a group of assets in a different way than the asset category.
Serial Number	Serial number of the Asset.

Manufacturer	A freeform text field. No link to Supplier records.
Model	Free text.
Ownership	Owned or leased. Note: Full lease functionality is not supported. Will default from Category if not selected.
In Use	Yes/No. For reference only. Will default from Category if not specified.
In Physical Inventory	Yes/No. Will default from Category if not specified.
Property Type	Personal or Real.
Property Class	1245 or 1250. Reference to the US Internal Revenue Codes.
Brought	New or used.
Commitment	Greece Law.
Investment Law	Greece Law.

**\*\* Required**

## Assets DFFs

### **Descriptive Flexfields**

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:

For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field. Refer to the [Descriptive Flexfields](#) documentation for more information.

## Financial Details

Column	Notes
Current Cost*	The current cost can be positive, zero, or negative. Assets defaults a cost of zero for CIP assets and you cannot change it. Assets automatically updates the cost to the sum of the invoice line costs in the Source Lines window.
Original Cost	Assets displays the original cost of the asset and updates it if you make a cost adjustment in the period you added the asset. After the first period, Assets does not update the original cost.
Date Placed in service*	See below.

Salvage Value Type	Indicates the way to determine salvage value. Amount - Manually enter the salvage value manually Percent – Salvage Value Percentage field determines the Salvage value.
Salvage Value Percentage	Percentage to use to calculate Salvage Value Amount Enter value between 0-1 i.e. 0.15 = 15%
Salvage Value Amount	Manual amount.
Depreciate	Indicates whether the asset is depreciating. YES - Asset is depreciating NO - Asset is not depreciating
Method	The depreciation method you choose determines the way in which Assets spreads the cost of the asset over the time it is in use. This will default from the Category if you don't specify.
Life in Months	Life in years should be converted to months e.g. 1year 6mths would be entered as 18. Only months set up on your system will be listed.
Basic Rate	If the (depreciation) Method Type is Flat the Basic and Adjusted Rates can be selected and used for depreciation calculations.
Adjusted Rate	As for Basic Rate.
Prorate Convention	Assets uses the prorate convention to determine how much depreciation to take in the first and last years of asset life. Will default from Category if not specified.
Prorate Date	Assets determine the prorate date from the date placed in service and the prorate convention. It uses this date to determine how much depreciation to take during the first and last years of asset life. Will default.
YTD Depreciation	Used if the DPIS is before the current period but in the current financial year. The create process will calculate this value basic on DPIS, Prorate Convention and Depreciation Method.
Depreciation Reserve	Also known as Accumulated Depreciation. If DPIS is in previous financial years, then this represents all depreciation so far.
Net Book Value	The net book value is defined as: Net Book Value = Current Cost – Total Reserve (Accumulated Depreciation + Bonus Reserve)

\*\* Required

### Date Placed in Service (DPIS)

If the current date is in the current open period, the default DPIS is the calendar date you enter the asset.

If the calendar date is before the current open period, the default date is the first day of the open period.

If the calendar date is after the current open period, the default date is the last day of the open period.

Accept this date or enter a different DPIS in the current accounting period or any prior period.

You cannot enter a DPIS before the oldest DPIS you specified in the System Controls window.

You can change the DPIS at any time. If you change the DPIS after depreciation has been processed for an asset, Assets treats it as a financial adjustment, and the accumulated depreciation is recalculated accordingly. The asset category, book, and DPIS determine which default depreciation rules Assets uses. If the asset category you entered is set up for more than one DPIS range for this book, the DPIS determines which rules to use.

If you enter a DPIS in a prior period and zero accumulated depreciation, Assets automatically calculates catchup depreciation when you run depreciation and expenses the catchup depreciation in the current period.

The DPIS for CIP assets is for your reference only. Assets automatically updates this field to the date you specify when you capitalize the asset using the Capitalize CIP Assets window."

### **Defaulting from Category**

To summarize, many fields will default from the Category, including

- Salvage Value type/Percent/Amount
- (Depreciation) Method/Life in Months/Basic Rate/Adjusted Rate
- Prorate Conversion and Date

After you have created your asset, you will need to download to confirm all the defaults that have been applied.

### **Percentage Values**

The format of percentage fields is often confusing. If you wish to use a percentage then the field will expect a value between 0 and 1. For example, if you enter 0.5, it corresponds to 50%.

Salvage Value Percent example:

Salvage Value Type	Salvage Value Percent
Percent	0.15

### **YTD Depreciation and Depreciation Reserve**

If you enter a DPIS in a prior period and zero accumulated depreciation, Assets automatically calculates catchup depreciation when you run depreciation and expenses the catchup depreciation in the current period

### **Advanced Rule**

This section relates to setting depreciation Limits

Column	Notes
Depreciation Limit Type	Indicates how depreciation limit is determined

	Amount - Manually enter the depreciation limit Percent - determines the depreciation limit amount
Depreciation Line Percent	Percentage to use to calculate Amount Enter value between 0-1 i.e. 0.15 = 15%
Depreciation Limit Amount	Limit amount

## Transactions

Column	Notes
Amortize	Yes/No see below
Amortize Start Date	Date between DPIS and end of current period
Transaction Comment	Comment will appear in Transaction Inquiry

When adding assets with depreciation reserve, you can choose to amortize the net book value over the remaining life of the asset. Assets use the Amortization Start Date to spread the remaining recoverable cost over the remaining useful life of the asset. This can only be performed in the period of addition.

When you choose to amortize an adjustment, Assets uses the Amortization Start Date to determine the amount of catchup depreciation to take in the current open period. The remaining depreciation is spread over the remaining life of the asset. You may optionally provide an amortization start date otherwise the adjustment will be amortized from the open period.

Set 'Amortize' to 'No' if you wish to expense the adjustment.

Transactions				
Transactions Validation Messages    Transactions Upload Action    Amortize    Amortization Start Date    Transaction Comment				
		Yes	1/06/2008	Test Tran Test

## Assignments

### **Expense Account**

The Integrator supports both the List of Values (LOV) of existing values and dynamic insertion functionality (if enabled in Oracle) for the Expense Account column. You can either manually enter valid Key Flexfield values into the Expense Account column or select from the existing set of values. For more information about the KFF support, please click [here](#).

### **Location**

The Integrator supports both the List of Values (LOV) of existing values and dynamic insertion functionality (if enabled in Oracle) for the Location column. You can either manually enter valid Key Flexfield values into the Location column or select from the existing set of values. For more information about the KFF support, please click [here](#).

Mandatory columns in the Assignments section must be completed to create an asset.

Column	Notes
Units Assigned*	The number of units currently assigned to the distribution. Whole numbers on e.g. 1
Employee Name	Employee identification name. Assign assets to the owner or person responsible for that asset. You must enter a valid, current employee.
Employee Number	Employee identification number. Assign assets to the owner or person responsible for that asset. You must enter a valid, current employee.
Expense Account*	The GL account where you wish to charge the depreciation each month. The GL account must be an expense type (i.e. not Revenue or Balance sheet).
Location*	Enter the valid physical location of the assets.

\*\* Required

You are able to have multiple records in this section.

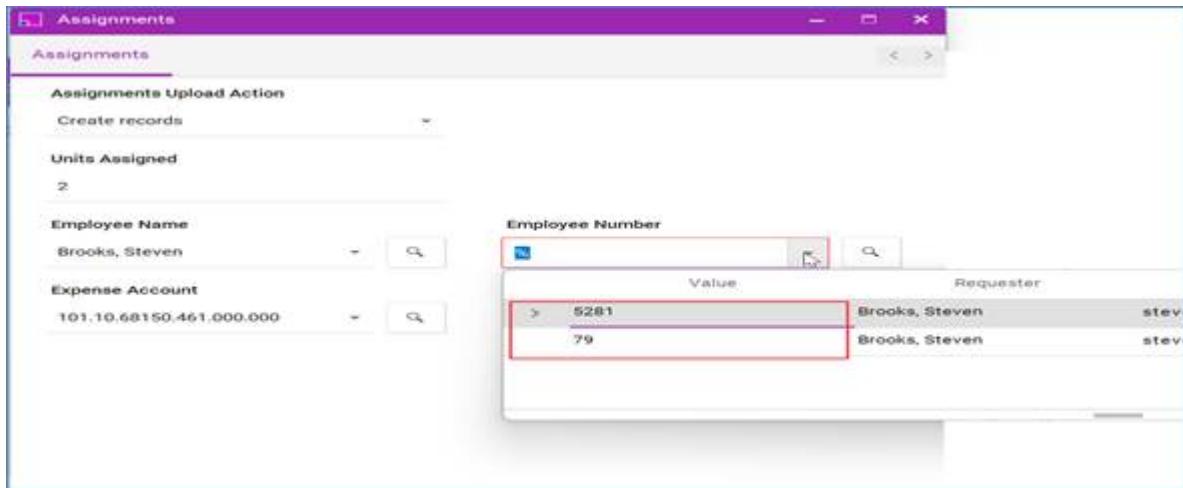
### Employee Names

When working with Employee Names that appear to be duplicates, the tool requires a unique identifier to differentiate between them. To effectively manage such situations, follow these steps:

1. Employee Number requirement: To handle duplicate Employee Names, you must provide an Employee Number associated with each unique employee. This Employee Number serves as a distinct identifier that allows the tool to distinguish between the same names.

Assignments						
	Assignments Validation Messages	Assignments Upload Action	Units Assigned	Employee Name	Employee Number	Expense Account
<b>Employee Number is required.</b>	Create records			2 Brooks, Steven	101.10.68150.4	USA-TEX
	Create records	1		Aberg, Morgan	22341	101.10.68150.4
	Create records	2		Aberg, Morgan	22341	101.10.68160.0

2. Using Data Form: If you encounter instances where you're unsure about the Employee Number, you can utilize the Data Form to search for them.



## Source Lines

This section can be used to capture Invoice details related to the asset purchases, without having a direct link to the AP system.

Column	Notes
Invoice Number	Enter Invoice Number for reference.
Invoice Description	Enter Description of the invoice.
Invoice Line	Enter an Invoice Line for reference. Must be integer.
Line Amount	Enter a Line Amount for reference. Must be decimal.
Distribution Line	Enter a Distribution Line for reference. Must be integer.
Supplier Name	Select from the existing list of values.
Supplier Number	Defaults from the Supplier Name selected.
PO Number	Enter a PO Number for reference.
Source	Enter a Source of the invoice line.
Project Number	Enter or select a capital project.
Task Number	Enter or select a task against a capital project.

Example of Source Lines to be uploaded when creating an asset:

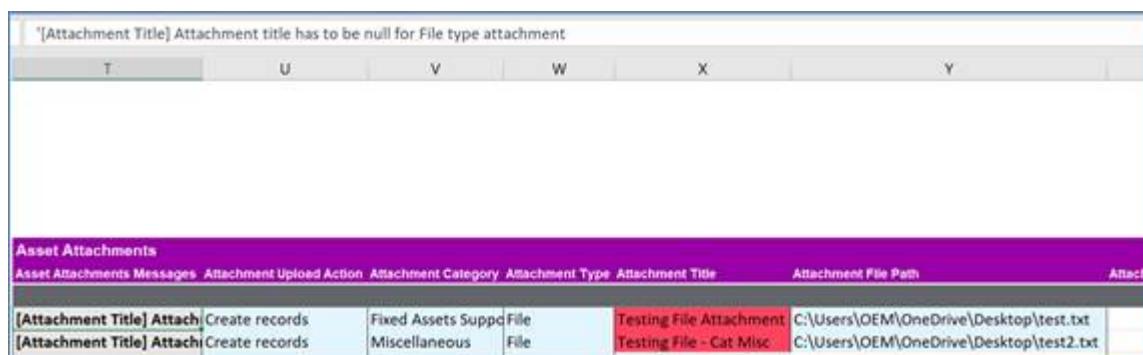
Source Lines											
	Source Lines Validation Messages	Source Lines Upload Action	Invoice Number	Invoice Description	Invoice Line	Line Amount	Distribution Line	Supplier Name	Supplier Number	PO Number	Source
Create			INV-001	CAR1	1	3000	5 Star Limits	18101	PO-001		Asset Additions Integrator 1
Create			INV-001	CAR1	1.1	3000.1	1 Star Limits	18101	PO-001		Asset Additions Integrator 1
Create			INV-002	CAR2	1.2	3000.11	2 Star Limits	18101	PO-002		Asset Additions Integrator 2
Create			INV-003	CAR3	1.3	3000.12	3 Star Limits	18101	PO-003		Asset Additions Integrator 3
Create			INV-004	CAR4	1.4	3000.13	4 Cabin Fever	15374	PO-004		Asset Additions Integrator 4
Create			INV-005	CAR5	1.5	3000.14	5 Cabin Fever	15374	PO-005		Asset Additions Integrator 5
Create			INV-006	CAR6	1.6	3000.15	6 Cabin Fever	15374	PO-006		Asset Additions Integrator 6

When creating new source lines, if the 'Line Amount' is left blank, the Integrator will not generate the source line. The Integrator relies on the Line Amount to validate and complete the creation of new source lines. Ensure that this field is filled out to create a source line successfully.

## Attachments

Click [here](#) for more information about how to create Attachments using the Asset Additions integrator. Attachments will not be downloaded to the sheet. Navigate to Oracle to view attachments against an asset.

For the attachment type 'File,' there is a known bug in the Oracle REST web service that prevents the Attachment Title from being uploaded correctly. As a result, you must leave the Attachment Title field blank when uploading a file. When left blank, the system automatically defaults the Attachment Title to the name of the uploaded file. This workaround ensures that the attachment is uploaded successfully without errors related to the title field. It is important to remember this limitation to avoid issues with file attachments in Oracle. You will get an error below if you enter an Attachment Title when uploading a file.



The screenshot shows a table with the following data:

Asset Attachments					
Asset Attachments	Messages	Attachment Upload Action	Attachment Category	Attachment Type	Attachment Title
[Attachment Title] Attach	Create records	Fixed Assets Supp	File	Testing File Attachment	C:\Users\OEM\OneDrive\Desktop\test.txt
[Attachment Title] Attach	Create records	Miscellaneous	File	Testing File - Cat Misc	C:\Users\OEM\OneDrive\Desktop\test2.txt

### **Sections:**

[Download Assets](#)

[Asset Additions Limitations](#)

## **Download Assets**

There are two ways to download assets from Oracle using the Integrator. More information about downloading can be found [here](#).

### **Download via Form**

The Download Form will be displayed when the 'Download via Form' is selected. Here, you can enter values into the available fields to set the download criteria. You can search using a '%' to see the available list of values to search. Click the 'Download' button to download data onto the sheet.

## Download via Sheet

When the option to 'Download via Sheet' is selected, the Integrator will use the data entered in the columns that allow sheet values to be used as the download criteria to download data to the sheet. These columns are indicated by a white triangle above the column name.

Assets	Asset Number	Description	Creation Date	Book	Asset Type	Category	Tag Number	Serial Number
	WT ASSET 100624C	WT ASSET 100624C - integrator	10/06/2024	US CORP	Capitaliz	COMPUT	T100624C	SER123

## Download via Sheet using wildcard value %

Utilize the wildcard % for Download via Sheet to retrieve data that partially matches your search criteria. For example, entering 'Demo%' will download all contracts starting with 'Demo.'

Assets	Asset Number	Description	Creation Date	Book	Asset Ty
	WT ASSET 10%			US CORP	

Note that query conditions on the sheet and in the Download form are treated as AND clauses rather than OR in the download query.

## Download using lower-level filters

If you utilize a lower-level filter (Financial Data, Assignment Data, Source Line data) then only those records which match the filter will be returned.

## Example use of a Download Form to filter the download criteria:

If you have an asset with three assignments and you apply a filter by Employee Name on the Download Form, the integrator will only download assets where the Employee Name matches the filter criteria. This means that only the assignments associated with the specified Employee Name will be included in the download, excluding any assignments that do not match the filter. This functionality ensures that the downloaded data is relevant and specific to the Employee Name filter applied.

The asset below has 3 distribution lines.

Distribution Identifier	Current Units	Employee Name	Employee Number	Depreciation Expense Account	Location
324444	5			402.40.55025050.0000.000.000	CHINA-BEIJING-BEIJING-OFFICE
324445	5	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHINA-BE-ATLANTA-MANUFACTURING
324447	1			402.40.12431002.0000.000.000	AUSTRALIA-NSW-PORT BOTANY
<b>Total</b>	<b>11</b>				

Enter the Employee Name to be used as a filter on the Download Form.

Assets with the distribution line in the Assignments section that matches the search criteria will be returned to the sheet. No other distribution lines that may exist against an asset will be download.

Assets			Assignments								
Assets	Messages	Upload Action	Asset Number	Book	Valid	Assignments	Units Assigned	Employee Name	Employee Number	Expense Account	Loc
			111041	CHINA CORP		10	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	
			113399	CHINA CORP		5	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	
			115249	CHINA CORP		1	Nicholls, Tony	4900	402.40.55025030.0000.000.000	UK	
			116336	CHINA CORP		5	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	
			116338	CHINA CORP		5	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	
			118173	CHINA CORP		5	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	
			118174	CHINA CORP		1	Nicholls, Tony	4900	402.40.55025050.0000.000.000	CHI	

## Sections:

[Create Assets](#)

[Asset Additions Limitations](#)

## Asset Additions Limitations

[Download uses a BI Report](#)

In the absence of a suitable Oracle web service, we've implemented a download solution using a BI Report.

The data downloaded through the BI Report leverages some, but not all, of the access controls used in the Oracle Fusion ERP UI. To ensure only authorized users can access information, administrators manage download access through a profile option.

The download is intended for the following types of users: Users that are restricted by Business Units or Users with Implementer roles.

This download is not designed for users with data access restricted by the "VIEW" access function security.

## Outside of Scope

- **Asset Type:** Currently, only Capitalized and CIP asset types are supported. As customer demand builds, we will consider adding Expensed, Group and Leased asset types
- **Corporate Book Only:** You can only create assets in the Corporate Books. If you wish to create assets into a Tax book then you can do this via the standard Oracle functionality for Mass Copy
- **Periodic Production**
- **Regional Information DFFs** - no web service support
- **Impairments**

## Depreciation Methods

Only Methods with the following Method Types are supported:

- FLAT
- CALCULATED
- TABLE

## DFFs are not implemented for Source Lines sections

DFFs for these sections have not been implemented yet. However, their addition is planned based on customer interest. If there is significant demand, the development team will prioritize incorporating attachment support into the system.

## Comma within text field

Currently, the REST services do not correctly load a comma within a text field. This bug has been fixed by Oracle and is due for release 24D. Until then the user will need to manually update the field within Oracle, for example, "One, Two" will load as "One\u002c Two".

## Category

'Property Type' and 'Property Class' are not currently defaulting from the Category selected. You will have to manually add these to the sheet columns. A Service Request has been logged to address this issue.

## Attachments

For the attachment type 'File,' there is a known bug in the Oracle REST web service that prevents the Attachment Title from being uploaded correctly. As a result, you must leave the Attachment Title field blank when uploading a file. When left blank, the system automatically defaults the Attachment Title to the name of the uploaded file. This workaround ensures that the attachment is uploaded successfully without errors related to the title field. It is important to remember this limitation to avoid issues with file attachments in Oracle. You will get an error below if you enter an Attachment Title when uploading a file.

T	U	V	W	X	Y

## Sections:

## Create Assets

## Download Assets

## Asset Adjustments Integrator

The Asset Adjustments Integrator is a solution for updating Fixed Assets via the supported Oracle ERP Cloud REST Web Services. Assets can only be updated in the Books that you have access to.

Ensure you are familiar with the More4Apps Finance module [prerequisites](#) before attempting to use this Integrator.

Please also be familiar with the current Integrator [Asset Adjustments Limitations](#). These will be resolved over time as Oracle improves the underlying web services and we add additional functionality to this product.

The following sections are currently available in the Asset Adjustments Integrator:

- Assets
  - Assets (Descriptive details)
  - Descriptive DFFs
- Financial Details

Navigate to the sections below for instructions on how to use the Integrator.

## Sections:

## Download Assets (for Adjustments)

## Update Assets

## Asset Adjustments Limitations

## Download Assets (for Adjustments)

To make changes to existing assets, we recommend download them first. Follow the [Download Assets](#) instructions as part of the Asset Additions integrator. These same instructions also apply to the Asset Adjustments Integrator.

## Ensure Depreciation has been run before Downloading

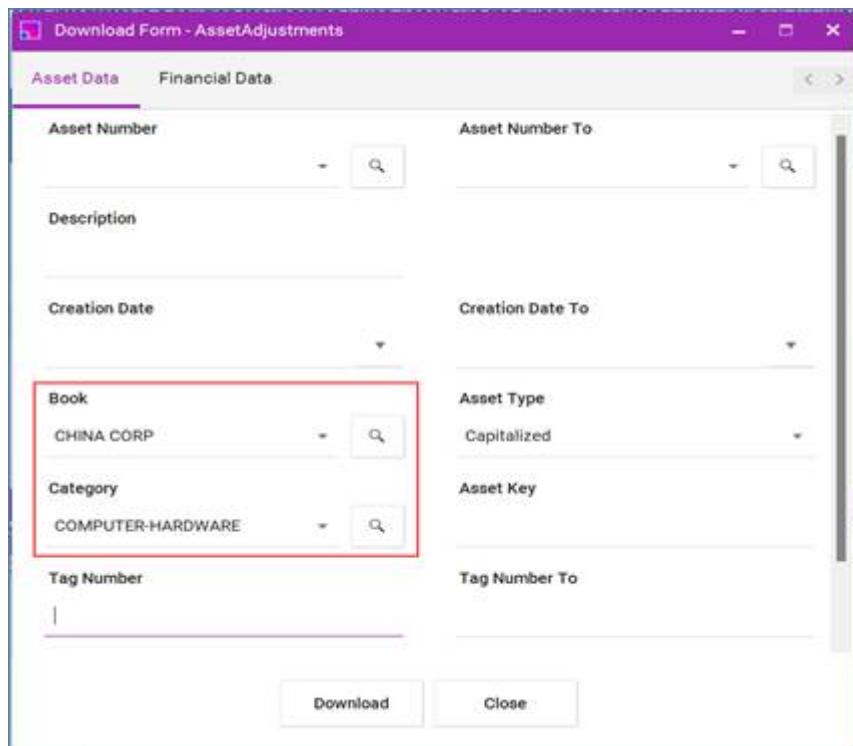
This is important because depreciation calculations update key asset values such as accumulated depreciation, net book value, and depreciation expense. If depreciation has not been run, the data you download may not reflect the asset's current financial position, leading to inaccurate adjustments or reporting discrepancies. Running depreciation ensures you're working with the most accurate and up-to-date information.

### Financial Details section

This section includes a download of financial details from multiple Asset Books assigned to an asset. To limit the download by specific Asset Books, use the sheet filter or the Download Form to specify the Book criteria.

### Using the Download Filter

The example below demonstrates how to use the download filter on the download form by Book and Category. Assets matching only the specified criteria will be downloaded.



Due to the complexity of retrieving all the Transactions against an Asset, the following columns will not be downloaded to the sheet:

- Transaction Comment

### Sections:

[Update Assets](#)

[Asset Adjustments Limitations](#)

## Update Assets

To update assets, set the 'Assets Upload Action' and/or 'Financial Details Upload Action' column value to '**Update**'. You do not need to enter 'Update' for both columns if you are not updating both sections. Only set

'Update' for the section you are updating. Please refer to the [Uploading](#) section for more information on how to upload the Update action.

To carry out an Update to the existing assets, More4apps recommend downloading them first on the sheet. Refer to the [Download Assets \(for Adjustments\)](#) section for more information on how to download.

### Updating Descriptive Details

To update the Descriptive Details of an asset, the 'Assets Upload Action' must have **Update** action if the values are to be updated or left blank if no processing of the data is required. The following columns are required on the sheet to Update an asset's descriptive details:

- Asset Number from the Assets section

Assets	Assets Message	Assets Upload Action	Asset Number	New Asset Number	Description	Creation Date	Asset Type	Category	Tag Number
		Update	WT ASSET 170724A	WT ASSET 170724A	WT ASSET 170724A	16/07/2024	Capitalized	COMPUTER	T170724A

### Updating Asset Number

To update the key fields in the Integrator, you must use the corresponding column name prefixed with 'New'. For instance, to update the 'Asset Number' field, the column header 'New Asset Number' must be utilized.

Assets	Assets Message	Assets Upload Action	Asset Number	New Asset Number	Description	Creation Date	Asset Type	Category	Tag Number
		Update	WT ASSET 100624A.1	WT ASSET 100624A.2					

### Updating Financial Details

You can update financial information:

- # In the period of addition (All fields)
- # In the period after the period of addition (Some fields)

To update the Financial Details of an asset, the 'Financial Details Upload Action' must have **Update** action if the values are to be updated or left blank if no processing of the data is required. The following columns are required on the sheet to Update an asset's Financial Details:

- Book from the Financial Details section. Book cannot be updated.

Financial Details	Financial Details Message	Financial Details Upload Action	Book	Current Cost	Cor Date Placed In Service	Depreciation Method	Met
		Update	US CORP	14000	1/03/2008	Yes	ACF

If you do not make changes to any of the following columns, you will get an error message, 'API Error: There are no changes to save.'

- Current Cost
- Date Placed In Service
- Depreciate
- Method
- Life in Months
- Prorate Convention

AK	AL	AM	AN	AO	AP	AQ	AR
<b>Financial Details</b>							
Financial Details Message: Financial Details Upload Action: Book							
				Current Cost	Date Placed In Service	Depreciate	Method
API Error: There are no changes to save.	Update	US CORP	14000	1/03/2008	Yes	ACRS FLIDB	420

Even if you want to make changes to the Transaction details like Amortize flag, Amortization Start Date, and Transaction Comment, if there are no changes to any one of the above columns, you will get an error message that there are no changes to save.

### Updating YTD Depreciation and Depreciation Reserve

For assets where updates to YTD Depreciation and Depreciation Reserve are allowed, the Depreciation Reserve must be greater than or equal to the YTD Depreciation. A validation rule is in place to enforce this requirement - an error will be generated if the condition is not met.

### Updating Transaction Details

Due to the complexity of retrieving all the Transactions against an Asset, the following columns will not be downloaded to the sheet:

- Transaction Comment

### Amortize

To set the Amortize flag, make sure 'Yes' is entered against the 'Amortize' column and the 'Amortization Start Date' is populated. Here are some rules to be aware of when updating the Amortize details:

- If you enter 'Yes' in 'Amortize' column but leave the 'Amortization Start Date' blank, you will get an error. You must enter the 'Amortization Start Date' if you set the Amortize flag to 'Yes'.
- If you enter the 'Amortization Start Date' but the 'Amortize' column is blank, 'Amortization Start Date' will not be uploaded.
- If Amortize flag is set to 'No', but 'Amortization Start Date' they will not be uploaded.
- Transaction Comment will always be uploaded if uploaded along with a change to any of the financial columns.

Financial Details	Financial Details Message: Financial Details Upload Action: Book	Current Cost	Date Placed In Service	Depreciate	Method	Life in Months	Basic Rate	Adjusted Rate	Prorate Convention	Amortize	Amortization Start Date	Transaction Comment
Update	Update	US CORP US FEDERAL	15000 15000	1/03/2008 1/03/2008	Yes Yes	ACRS F MACRS	420 36			Yes No	3/07/2024 3/07/2024	This is correct Ignored

## Updating Prorate Convention

If you want to update the Prorate Convention, make sure that the asset is NOT Amortized. There will be no error messages if you try to change the prorate convention for an asset that is amortized. However, the change will not be uploaded.

### Sections:

[Download Assets \(for Adjustments\)](#)

[Asset Adjustments Limitations](#)

## Asset Adjustments Limitations

### Download uses a BI Report

In the absence of a suitable Oracle web service, we've implemented a download solution using a BI Report.

The data downloaded through the BI Report leverages some, but not all, of the access controls used in the Oracle Fusion ERP UI. To ensure only authorized users can access information, administrators manage download access through a profile option.

The download is intended for the following types of users: Users that are restricted by Business Units or Users with Implementer roles.

This download is not designed for users with data access restricted by the "VIEW" access function security.

### Additional columns for Adjustments

The Integrator only accommodates the adjustment of some columns. If more are needed, please log a support case with More4apps.

### Sections:

[Download Assets \(for Adjustments\)](#)

[Update Assets](#)

## Asset Assignment Transfers Integrator

The Asset Assignment Transfers Integrator is a solution for transferring assigned asset units via the supported Oracle ERP Cloud REST Web Services. Assets can only be transferred in the Books that you have access to.

Ensure you are familiar with the More4Apps Finance module [prerequisites](#) before attempting to use this Integrator.

The following sections are currently available in the Asset Assignment Transfers Integrator:

- Assets/Transfer From
- Transfer To

The Asset Assignment Transfers Integrator cannot be used to adjust the total number of units for an asset. It is only for transferring existing units to another employee, expense account, or location. Carefully review the user instructions to understand how to perform transfers using this tool and to be aware of its limitations.

Navigate to the sections below for instructions on how to use the Integrator.

## Sections:

[Download Assets \(for Transfers\)](#)

[Transfer Assets](#)

## Download Assets (for Transfers)

To carry out transfers, we recommend that you download them first to the sheet. Follow the [Download Assets](#) instructions as part of the Asset Additions Integrator. These same instructions also apply to the Asset Assignment Transfers Integrator.

### Asset and Transfer From Section

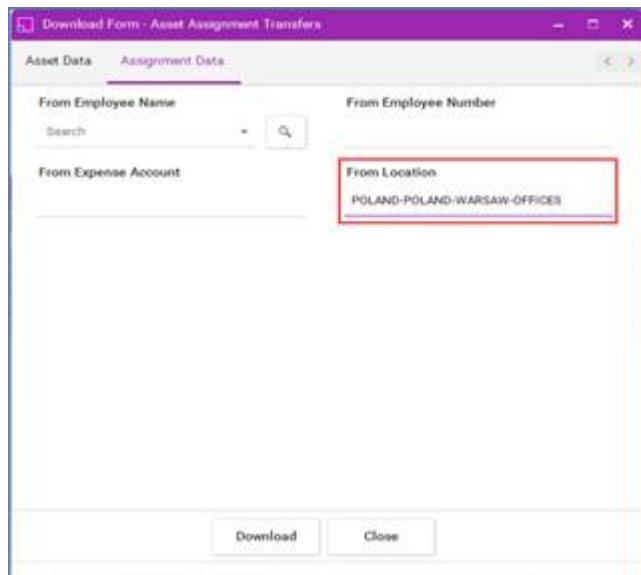
This section includes a download of financial details from multiple Asset Books assigned to an asset.

To limit the download by specific Asset Books, use the sheet filter or the Download Form to specify the Book criteria.

### Using the Download Filter

The example below demonstrates how to use the download filter on the Download Form by Location. Assets matching only the specified criteria will be downloaded.

Download form with Location filter:



Download results - assets matching only the location specified in the Download Form are downloaded to the sheet:

Asset Number	Book	Descri	Create Asset	Categc	Transaction	Transaction Date	Transfer From				Transfer To				
							Distribution	Units	Asx	From Em	From Em	From Exp	From Loc	Transfer To Loc	Transfer To Messag
8M-180724-292	US CORP	Bench	#####	Capita	BUILDING-OFFICE		340185	292					101.10.6	POLAND-POLAND-WARSAW-OFFICES	
8M-180724-488	US CORP	Bench	#####	CIP	BUILDING-OFFICE		340381	488					101.10.7	POLAND-POLAND-WARSAW-OFFICES	
8M-180724-96	US CORP	Bench	#####	Capita	BUILDING-OFFICE		339989	96					101.10.6	POLAND-POLAND-WARSAW-OFFICES	
SC_TEST_5324_1	US CORP	TO TE	#####	Capita	COMPUTER-MOBILE		299349	55	Bayer, N	2597			101.90.6	POLAND-POLAND-WARSAW-OFFICES	
WT ASSET 250724.1	US CORP	Descri	#####	Capita	COMPUTER-HARDWARE		341067	3					101.10.5	POLAND-POLAND-WARSAW-OFFICES	

Important points:

- Historic Transaction Comment and Transaction Date against assets will not be downloaded to the sheet. Therefore, these columns are for Create only.
- Assets will be downloaded from Corporate Books and Tax Books only if there are active assignments associated with those books. Assets without assignments in these books will not be included in the download.

## Sections:

### [Transfer Assets](#)

## Transfer Assets

When transferring assets, be aware of the following two sections:

### 1. Assets Section:

- Upload Action column: 'Assets Upload Action'.
- Required for uploading 'Transaction Comment' and 'Transaction Date' columns.
- Includes the 'Transfer From' section, which displays the current location, expense account, and employee details of where/whom the units are presently assigned.

### 2. Transfer To Section:

- Upload Action column: 'Transfer To Upload Action'.
- Required for transferring existing units.

Both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must have the value 'Create' or 'Create records' to successfully complete the transfer of units.

For detailed instructions on using the Upload Action columns, click [here](#).

## Required Columns for Transferring Assets

When transferring assets, the following columns are required on the sheet:

- Asset Number
- Book
- Distribution Id

## Dynamic Insert and Default Values

### 1. 'To Expense Account' and 'To Location' columns:

- These columns support dynamic insert and therefore do not have List of Values (LOV) support.
- If 'To Expense Account' and 'To Location' are left blank, the default values will be copied from the 'From Expense Account' and 'From Location' columns.

2. 'To Employee Name' column:

- If the 'To Employee Name' column is left blank, the existing 'From Employee Name' will be cleared, and the asset will no longer be associated with any employee. It will not retain the original 'From Employee Name' as a default value.

3. 'To Employee Number' column:

- This column will default to the corresponding employee number based on the Employee Name.
- If there are duplicate 'To Employee Names', you will be required to select the correct employee number.

## Steps for Transferring Assets

1. Download Existing Assets:

- Always download the existing assets and their assignments to the sheet. Refer to the [Download Assets \(for Transfers\)](#) section for detailed instructions.

2. Distribution ID:

- Each distribution line has a unique Distribution ID.
- If a change is made to a distribution line, its Distribution ID will change.
- If an asset has multiple distribution lines, each line will have a unique Distribution ID. Only the line that is changed will receive a new Distribution ID, while the others will retain their original IDs.
- This makes it crucial to download the current data first to ensure you are working with the correct Distribution IDs.

Below are examples of different scenarios when transferring units:

### Example 1: Transfer to a New Expense Account and Location

To transfer an asset to a new expense account and location, enter the new expense account, and the new location details in the 'Transfer To' section.

Both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must be set to 'Create' or 'Create records' to initiate the process.

Assets		Transfer From			Transfer To		
Assets Messages	Assets Upload Act Asset Number	Book	Distribution Id	Units A From Expense Account	From Location	Transfer To Messages	Transfer To Upload Action
	Create records	WT ASSET 010824.1	344579.1	105.10.62520.430.000.000	AUSTRALIA-BW-BARTLESVILLE-OFFICE		Create records

After completing these steps and uploading the changes, download the asset back to the sheet.

You will now see that the unit has been transferred to a new Expense Account and Location.

Assets		Transfer From			Transfer To		
Assets Messages	Assets Upload Act Asset Number	Book	Distribution Id	Units A From Expense Account	From Location	Transfer To Messages	Transfer To Upload Action
	WT ASSET 010824.1	US COP	344581	1 102.10.62520.430.000.000	USA-CALIFORNIA-ATLANTA-OFFICE		Create records

## Example 2: One Distribution Line Transferred to Multiple Locations

Consider the asset with the number 'WT ASSET 250724.1', which currently has 16 units. We plan to distribute a portion of these units to three different locations.

Both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must be set to 'Create' or 'Create records' to initiate the process.

The 'Transaction Comment' and 'Transaction Date' columns can be filled out in the Assets section to provide details about the transfer. These are optional columns so you can leave them blank if not needed.

Assets Upload Action	Asset Number	Book	Descri	Create Asset	Category	Transacti	Transacti	Transfer From		Transfer To		To Location
								Distribution Id	Units Asf From Em From Em From Expense A From Location	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	
Create records	WT ASSET 250724.1	US CORP	Descri #####	Capita	COMPUTER-HARDWARE			340484	16	Schroed 2564	101.10.68160.0 AUSTRALIA-BW-BARTLESVILLE-OFFICE	POLAND-BURSA-BARTLESVILLE-MANUFACTURING

Under the 'Transfer To' section, add three new lines to allocate some units to each of the three different locations.

Transfer From				Transfer To				To Location			
Distribution Id	Units Asf From Em From Em From Expense A From Location	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	To Location			
340484	16	Schroed 2564	101.10.68160.0 AUSTRALIA-BW-BARTLESVILLE-OFFICE	Create records	1		101.10.50400.510.000.000	POLAND-BURSA-BARTLESVILLE-MANUFACTURING			
				Create records	2		101.10.50400.510.000.000	POLAND-BW-BELFAST-MANUFACTURING			
				Create records	3		101.10.50400.510.000.000	POLAND-POLAND-WARSAW-OFFICES			

After completing these steps and uploading the changes, download the asset back to the sheet.

You will now see that there are four distribution lines associated with Asset number 'WT ASSET 250724.1':

Asset Number	Book	Descri	Create Asset	Category	Transacti	Transacti	Transfer From				Transfer To				
							Distribution Id	Units Asf From Em From Em From Expense A From Location	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	Transfer To Message	Transfer To Upload New Units To Emp& To Emp& To Expense Account	To Location
WT ASSET 250724.1	US CORP	Descri #####	Capita	COMPUTER-HARDWARE			341064	10	Schroed 2564	101.10.68160.0 AUSTRALIA-BW-BARTLESVILLE-OFFICE					
WT ASSET 250724.1	US CORP	Descri #####	Capita	COMPUTER-HARDWARE			341065	1		101.10.50400.5	POLAND-BURSA-BARTLESVILLE-MANUFACTURING				
WT ASSET 250724.1	US CORP	Descri #####	Capita	COMPUTER-HARDWARE			341066	2		101.10.50400.5	POLAND-BW-BELFAST-MANUFACTURING				
WT ASSET 250724.1	US CORP	Descri #####	Capita	COMPUTER-HARDWARE			341067	3		101.10.50400.5	POLAND-POLAND-WARSAW-OFFICES				

Note that the Distribution ID for the original 16 units of Asset number 'WT ASSET 250724.1' no longer exists. After transferring 6 units to three locations, the Distribution ID for the remaining 10 units has changed.

## Example 3: Transferring Multiple Distribution Lines

Consider the asset with the number 'WT ASSET 260225A', which has 6 distribution lines. Our goal is to transfer all these units to the same location but allocate them across 2 different expense accounts.

When downloading an asset with multiple distribution lines, the asset number will be repeated for each line. This repetition is due to a limitation in the REST web services for Asset Transfers and cannot be altered at this time. Consequently, any 'Transaction Comment' and 'Transaction Date' you enter in the Assets section must be duplicated for each distribution line involved in the transfer.

Both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must be set to 'Create' or 'Create records' to initiate the process.

Assets										Transfer From						
Assets	Assets	Units	Assigned	From Employee Name	From Employee Number	From Expense Account	From Location	Units	Assigned	From Employee Name	From Employee Number	From Expense Account	From Location	Units	Assigned	From Employee Name
Assets Messages	Updated Action	Asset Number	Book	Description	Creation Date	Asset Type	Category	Comment	Transaction Date	Distribution Id	From Employee Name	From Employee Number	From Expense Account	From Location	From Location	From Location
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment1		31/01/2025	385471	1 Abate, Santino	5013	120.10.50400.510.000.000	USA-CALIFORNIA-AUSTIN-OFFICE		
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment2		31/01/2025	385472	2 Abay, Abu	4006	120.10.50600.500.000.000	USA-CALIFORNIA-BREMEN-OFFICE		
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment3		31/01/2025	385473	2 Abbott, Jennifer	4579	120.10.50600.120.000.000	USA-CALIFORNIA-CHICAGO-OFFICE		
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment4		31/01/2025	385474	1 AbdulAziz, Mohamed	3891	120.10.50600.120.222.000	USA-CALIFORNIA-LAKE CHARLES-OFFICES		
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment5		31/01/2025	385475	2 Abdullah, Mohd	5400	120.10.51100.120.000.000	USA-CALIFORNIA-LOS ANGELES-OFFICES		
	Create record	WT ASSET 260225A	US C/WT ASSET 2	25/02/2025	Capitalized	COMPUTER-HARDWARE	Comment6		31/01/2025	385476	1 Abdullah, Osman	134	120.10.51100.120.221.000	USA-CALIFORNIA-LOS ANGELES-1		

In the 'Transfer To' section, specify the units to be transferred along with the new location and expense accounts.

Transfer From							Transfer To							
Distribution Id	Units	Assigned	From Employee Name	From Employee Number	From Expense Account	From Location	Transfer To	Transfer To	Transfer To	To Employee	To Employee	To Employee	To Expense Account	To Location
385473	1 Abate, Santino	5013	120.10.50400.510.000.000	USA-CALIFORNIA-AUSTIN-OFFICE				Create records		1			120.10.50400.510.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
385472	2 Abay, Abu	4006	120.10.50600.500.000.000	USA-CALIFORNIA-BREMEN-OFFICE				Create records	2				120.10.50400.510.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
385473	2 Abbott, Jennifer	4579	120.10.50600.120.000.000	USA-CALIFORNIA-CHICAGO-OFFICE				Create records	2				120.10.50400.510.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
385474	1 AbdulAziz, Mohamed	3891	120.10.50600.120.222.000	USA-CALIFORNIA-LAKE CHARLES-OFFICES				Create records	1				120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
385475	2 Abdullah, Mohd	5400	120.10.51100.120.000.000	USA-CALIFORNIA-LOS ANGELES-OFFICES				Create records	2				120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
385476	1 Abdullah, Osman	134	120.10.51100.120.221.000	USA-CALIFORNIA-LOS ANGELES-1				Create records	1				120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE

After completing these steps and uploading the changes, download the asset back to the sheet. You will observe that the units transferred to the same expense account and location have merged into one line.

Asset Number							Transfer From						
Asset Number	Book	Description	Creation Date	Asset Type	Category	Transaction Date	Distribution Id	Units	Assigned	From Employee Name	From Employee Number	From Expense Account	From Location
WT ASSET 260225A	US C/WT ASSET 2	WT ASSET 260225A	25/02/2025	Capitalized	COMPUTER-HARDWARE		385479	5				120.10.50400.510.000.000	UK-EDINBURGH-EDINBURGH-OFFICE
WT ASSET 260225A	US C/WT ASSET 2	WT ASSET 260225A	25/02/2025	Capitalized	COMPUTER-HARDWARE		385482	4				120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE

When navigating to the Assets Inquiry in Oracle to review the results of transactions created from this example transfer process, you will observe the following:

- A transaction is created for each distribution line that was transferred.
- Each transaction includes a transaction comment that was uploaded as part of the transfer process.

Asset Inquiry															
Assets		Transactions		Recent Additions		Recent Retirements		Leases		Search					
View		Search		Detach		View Accounting		Related Transactions							
Transaction Number	Transaction Type	Asset Number	Description	Period Name	Effective Period	Amortize	Amortization Start Date	Transaction Date	Comments						
581896	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25
581894	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25
581892	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25
581890	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25
581888	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25
581886	Transfer	WT ASSET 260225A	WT ASSET 260225A	JAN-25	JAN-25	No									1/31/25

#### Example 4: Transfer to Another Employee Using Default Expense Account and Location

Imagine a scenario where an employee leaves the organization, and you need to reassign the assets assigned to that person to another employee. This example demonstrates how to perform this transfer while retaining the default expense account and location.

Asset number 'WT ASSET 250724.2' has all the units assigned to 'Schroeder, Joe' and we want to reassign the units to 'Smith, Alan'.

Asset Number	Book	Descr	Creat	Asset	Categ	Trans	Transfer From					
							Distribution Id	Units Ass	From Employee Name	From Empl	From Expense Ac	From Location
WT ASSET 250724.2	US C	Descr #####	Capit	COMPUTER-HARD			340485	17	Schroeder, Joe	2564	101.10.68160.00	AUSTRALIA-BW-BARTLESVILLE-OFFICE

Both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must be set to 'Create' or 'Create records' to initiate the process.

Steps to transfer to another employee:

- Enter the total number of units to transfer to the new employee. In this example, we are transferring the total number of units to 'Smith, Alan'.
- Enter 'To Employee Name' as 'Smith, Alan'. The employee number will default unless a duplicate employee name exists in the system. In such cases, you must select an employee number manually. Use the Data Form to help complete the required data accurately.
- Expense Account and Location can be left blank since we are not changing them. When 'To Expense Account' and 'To Location' are left blank, the default values will be copied from the 'From Expense Account' and 'From Location' columns.

Assets	Assets Message	Assets Upload Action	Asset Number	Book	Descr	Creat	Asset	Categ	Trans	Transfer From			Transfer To								
										Distrib	Units	From	From	From	From	Transfer To					
		Create	WT ASSET 250724.2	US C	Descr #####	Capit	COMPUTER-HARD			340485	17	Schroeder	2564	101.1	AUSTR	Create	17	Smith, Alan	1405		

After completing these steps and uploading the changes, download the data back to the sheet.

You will now see that Asset number 'WT ASSET 250724.2' now has all the units assigned to 'Smith, Alan':

Asset Number	Book	Descr	Creat	Asset	Categ	Trans	Distrib			Units	From	Employee	From	From	From	Location
							Transfer	From	Transfer	Transfer	New Units	To Employee	To Empl	To Expense Accou	To Location	
WT ASSET 250724.2	US C	Descr #####	Capit	COMPUTER-HARD			341480	17	Smith, Alan	1405	101.1	AUSTRALIA-BW-BARTLESVILLE-OFFICE				

### Example 5: Removing an Employee from an Assignment

Imagine a scenario where an employee leaves the organization, and the assets they were assigned to are not being reassigned immediately. In this case, you need to remove the employee from the asset assignment to ensure the records reflect that the assets are no longer associated with that employee.

To remove an employee from an assignment, both the 'Assets Upload Action' and 'Transfer To Upload Action' columns must be set to 'Create' or 'Create records' to initiate the process.

Enter the 'New Units' value, which indicates the total number of units being updated. Asset number 'WT ASSET 250724.3' has 18 total units and we want to remove 'Schroeder, Joe' from the assignment so we will enter 18 as 'New Units'.

Leave the following columns blank:

- To Employee Name
- To Expense Account
- To Location

After completing these steps and uploading the changes, download the asset back to the sheet. Once you have uploaded the changes and downloaded the asset back to the sheet, you will observe that Asset number 'WT ASSET 250724.3' no longer has anyone assigned to the distribution line. This confirms that the employee has been successfully removed from the asset assignment.

Assets	Transfer From																				
	Assets	Message	Assets	Upload	Action	Asset	Asset Number	Book	Descr	creat	Asset	Categ	Trans	Trans	Distributio	Units	From	Employ	From	From	From
						WT ASSET	250724.3	US	Co	Descr	####	Capit	COMPUTER-HARD		341489	18			101.1	AUSTRALIA-BW-BA	

#### **Example 6: Error when transferring to the same Expense Account and Location**

When a transfer includes multiple lines with the same expense account and location, it is considered a duplicate distribution, resulting in an error message:

"API Error: You can't create identical distribution lines."

For example, transferring 6 units to the same expense account and location across two lines will trigger this error:

Transfer From				Transfer To								
Distribution Id	Units Assign From	Ex From	Ex To	Expense Account	From Location	Transfer To	Transfer To	Upto New Units	To Employee	To Employee	To Expense Account	To Location
3854956			101.10.50400.510.000.000	USA-CALIFORNIA-AUSTIN-OFFICE		Create records	2			120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE	
						Create records	4			120.10.50600.120.000.000	UK-EDINBURGH-EDINBURGH-OFFICE	

The error message indicates the presence of identical distribution lines.

A		B		C		D		E		F		G		H	
1															
2															
3															
4															
5															
6	Finance														
7	Asset Assignment Transfers														
8	Status														
9	Assets Status														
10	Default Values														
11	Error														
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## Sections:

## Download Assets (for Transfers)

## Supplier Payment Details Integrator

The Supplier Payment Details Integrator is a solution for uploading data for Payment Methods, Bank Account Assignments and Payment Attributes, via the supported Oracle ERP Cloud REST web services.

The utilized REST web services that exist today, as at version 24B, are inbound web services that allow both the creation and update of supplier payment detail data in Oracle Fusion Suppliers.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

**Tip:** There are many fields available in each section of this Integrator so, for performance reasons, we highly recommend using tailored worksheet layouts for specific processes.

**Important to Note:** As with Oracle's FBDI products, all approval configuration in Oracle's 'Setup and Maintenance' > 'Configure Supplier Registration and Profile Change Request' form will be bypassed by the Supplier Payment Details Integrator. Therefore, care must be taken to ensure that all data being uploaded via the Integrator has already been approved in line with your company's policies.

#### Sections:

[Create Supplier Payment Detail Records](#)

[Update Supplier Payment Detail Records](#)

[Download Sources](#)

[Supplier Payment Details Integrator Limitations](#)

Before you begin, please review the current [Supplier Payment Details Integrator Limitations](#).

We expect that these will be resolved over time as Oracle improves the underlying web services, allowing us to add functionality to this product.

The Oracle REST web services are designed to default certain information during the upload process. To preserve performance, this Integrator has been designed to allow the background REST web service to create such default values rather than leaving this to the Oracle ERP Cloud UI.

#### Creates and Updates

The following sections and functionality are available in the Supplier Payment Details Integrator:

#### Key

Update
Create or Update
Read/Reference Only

Section Name	Column Name
Header	Supplier Name
	Supplier Number
	Address Name
	Procurement BU
	Supplier Site
	External Payee Id
Payment Delivery	Delivery Channel
	Delivery Channel Code

	Bank Instruction Code 1
	Bank Instruction Code 2
	Bank Instruction Details
	Settlement Priority
	Payment Text Message 1
	Payment Text Message 2
	Payment Text Message 3
	Service Level Code
Payment Specifications	Pay Each Invoice Alone
	Bank Charge Bearer Code
	Payment Reason
	Payment Reason Comments
Separate Remittance Advice Delivery	Remittance Advice Delivery Method
	Remittance Advice Delivery Email ID
	Remittance Advice Delivery Fax
Payment Methods	Payment Method*
	Primary
	From Date
	To Date
Bank Account Assignments	Account Number*
	External Bank Account Id*
	Bank Account Name
	Bank Number
	Bank Name
	Bank Branch Number
	Bank Branch Name
	Currency
	IBAN
	Bank Code
	Account Type
	BIC
	Primary Bank Account
	From Assignment Date
	Assignment Inactive On

\*Note: The value itself cannot be changed to another value.

Note: Payment Delivery, Payment Specifications and Separate Remittance Advice Delivery only have an Upload Action of Update. Any changes to the values are considered an update.

## Header Section

The information provided in the header section of the Supplier Payment Details Integrator determines the foundation for assignment of the uploaded data.

The data can be assigned to the Supplier Site Supplier Address, Supplier Profile, or all levels.

The following images illustrate how to layout your data for each of the above scenarios.

### 1. Supplier Site

To create/update Payment Details for a Supplier Site only. The Supplier Site Name **must** be entered for the integrator to determine that the upload is at the Site level and against the correct Supplier & Address. The Supplier Name or Number and Address Name and Procurement BU and Supplier Site all need to be populated for upload at the Supplier Site level.

In scenarios 1-6 the Site is present as it is required for an upload at Site level. This is missing in scenarios 7 & 8. In these cases, the upload will take place against the Address (7) or the Supplier (8).

Header	Header Validation Messages	Supplier Name	Supplier Number	Address Name	Procurement BU	Supplier Site
1	Supplier Site cannot be validated as it requires Procurement BU to be valid based on the upload action(s) for the associated row(s).	Lee Supplies	1252	Lee US1	US1 Business Unit	Test Lee US1
2	Supplier Site cannot be validated as it requires Address Name, Procurement BU to be valid based on the upload action(s) for the associated row(s).	Lee Supplies	1252	Lee US1		Lee US1
3	Supplier Site cannot be validated as it requires Address Name, Procurement BU to be valid based on the upload action(s) for the associated row(s).	Lee Supplies	1252			Lee Australia
4	Supplier Number is required.					Test Lee US1
5	Supplier Site cannot be validated as it requires Supplier Number, Address Name to be valid based on the upload action(s) for the associated row(s).				US1 Business Unit	Lee Progress US
6	Supplier Number is required.					Lee Australia
7	Address Name cannot be validated as it requires Supplier Number to be valid based on the upload action(s) for the associated row(s).					Lee US1
8	Supplier Site cannot be validated as it requires Supplier Number, Address Name, Procurement BU to be valid based on the upload action(s) for the associated row(s).	Lee Supplies	1252	Lee US1		
		Lee Supplies	1252	Lee US1		

### 2. Supplier Address

To create/update Payment Details for a Supplier Address only. The Supplier Address Name **must** be entered for the integrator to determine that the upload is at the Address level and against the correct Supplier.

The Supplier Name or Number and Address Name all need to be populated for upload at the Supplier Address level.

In scenarios 1 & 5 the Address is present as it is required for an upload at Address level. In scenarios 2-4. the upload will take place against the Supplier as an Address is not present.

Header	Header Validation Messages	Supplier Name	Supplier Number	Address Name	Procurement BU	Supplier Site
1		Lee Supplies	1252		Lee US1	
2		Lee Supplies	1252			
3		Lee Supplies	1252			
4	Supplier Number is required.	Lee Supplies				
5	Address Name cannot be validated as it requires Supplier Number to be valid based on the upload action(s) for the associated row(s).			Lee US1		

### 3. Supplier Profile

To create or update Payment Details for a Supplier Profile. Only the Supplier Name and/or Number **must** be entered.

Header	Header Validation Messages	Supplier Name	Supplier Number	Address Name	Procurement BU	Supplier Site	External Payee Id
		Lee Supplies					
			1252				
		Lee Supplies	1252				
		Lee Supplies				300000047414512	
			1252				300000047414512

Note: If the External Payee Id column is populated, any data in that column will be ignored for upload. This column assists in refining downloaded data only.

### 4. All Levels

Note: We advise as best practice to use a different sheet for each level for ease of use. However, in situations where it is necessary to upload payment details for the same Supplier at all levels. Please see below for the data layout, which is a mixture of the above methods.

Header	Supplier Name	Supplier Number	Address Name	Procurement BU	Supplier Site	Payment Delivery Payment Attributes Messages	Payment Attributes Upload Action	Delivery Channel
Supplier Level Upload	Lee Supplies	1252	Lee US1	US1 Business Unit	Test Lee US1		Update	Valid for Domestic Payments
Supplier Address Level Upload	Lee Supplies	1252	Lee US1				Update	Cheque payment by special delivery
Supplier Site Upload	Lee Supplies	1252					Update	Cheque payment by special delivery

### Payment Attributes

The Payment Attributes Section covers Payment Delivery, Payment Specifications and Separate Remittance Advice Delivery. This section only allows a one-to-one relationship per Supplier Profile, Supplier address or Supplier Site. Only Updates can be undertaken in this section.

Payment Delivery	Payment Attributes Upload Action	Delivery Channel	Bank Instruction Code	Bank Instruction Code	Bank Instruction Code	Bank Settlement Point	Payment Test Message	Payment Test Message	Payment Test Message	Service Level Code
	Update	SJA SINGLE	SUMS	Principal's branch	PHONEBEN/	Canada	Normal	Canada1	Canada2	Canada3
	Update	Cheque payment DE_22		Quick payments	Due Date controlled	Debits	Express	1	2	3

Payment Specifications			
Pay Each Invoice Alone	Bank Charge Bearer Code	Payment Reason	Payment Reason Comments
No			
Yes	Payee	Government Payment	Canada

Separate Remittance Advice Delivery		
Remittance Advice Delivery Method	Remittance Advice Delivery Email ID	Remittance Advice Delivery Fax
E-Mail	cknights@mail.com	
Fax		45643534

## Payment Methods

The Payment Methods Section enables Create and Update of existing Payment Methods. This section allows a one-to-many relationship per Supplier Profile, Supplier address or Supplier Site. A user can update a Payment Method or Create an existing Payment Method assignment in the same upload. See [Update Supplier Payment Detail Records](#).

Payment Methods					
Payment Methods Messages	Payment Method Upload Action	Payment Method	Primary	From Date	To Date
	Create	Apple Pay	Yes	20/06/2024	31/12/4712
	Update	Cheque	No	20/06/2024	31/12/4712
	Update	Electronic	Yes	2/10/2008	31/12/4712

## Bank Account Assignments

The Bank Account Assignment Section enables Create and Update of existing Bank Account Assignments. This section allows a one-to-many relationship per Supplier Profile, Supplier address or Supplier Site. A user can update a Bank Account Assignments or Create a Bank Account Assignments assignment in the same upload. See [Update Supplier Payment Detail Records](#).

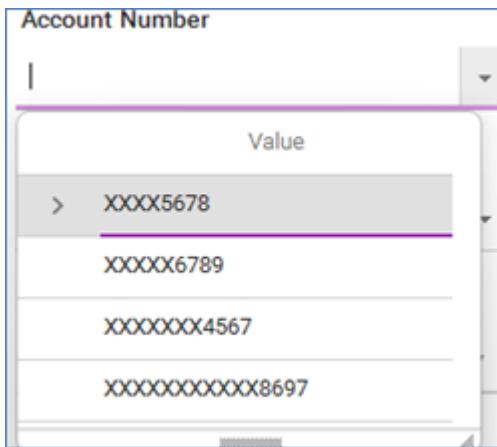
Note: As Bank Accounts are often masked for security purposes it can be difficult to distinguish accounts where the masked data is different, but the other data is the same i.e.

XXXX5678  
XXXX5678

Where the masked data may be different:

56145678  
12455678

When the LOV in the Integrator is opened the account number as above will show once.



Once the value XXXX5678 is selected, the External Bank Id column will show both values with all its attributes so the user can use the information to select the correct value.

Value	Bank Account Name	Bank Number	Bank Name	Bank Branch Number	Bank Branch Name	Currency	IBAN	BIC
> 90648	AUS Account Westpac		Westpac	0032000	Sydney Office	AUD	5678	
91651	AUS Account Westpac		Westpac	0032000	Sydney Office	USD	5678	

Once the correct value is selected; the reference data populates to the sheet and the unique Id for the bank account selected is used in the upload.

Bank Account Assignments	Bank Account Assignments	Bank Assignment Upload Action	Account Number	External Bank Account Id	Bank Account Name	Bank Number	Bank Name	Bank Branch Number	Bank Branch Name	Currency	IBAN	Bank Code	Account Type	BIC	Primary Bank Account	From Assignment Date	Assignment Inactive On
		Create	XXXX5678	91651	AUS Account Westpac		Westpac	0032000	Sydney Office	USD	5678				Yes	11/07/2024	31/12/4712

## Sections:

[Create Supplier Payment Detail Records](#)

[Update Supplier Payment Detail Records](#)

[Download Sources](#)

[Supplier Payment Details Integrator Limitations](#)

## Create Supplier Payment Detail Records

To create new Supplier Payment Detail master data records, ensure the **Upload Action** for all relevant sections is set to **Create**. Alternatively, the action **Create records** can be entered: this will upload all data contained in the sections to the right of this entry without having to enter an Upload Action value in each subsequent section.

**Tip:** Use the Default Values row (row 10) and set the value to **Create** for each section to be uploaded if you only want to upload a subsection of the data in the sheet. Alternatively, simply enter **Create records** (case sensitive) into the relevant 'Upload Action' Default Values row to automatically set the Upload Action in the relevant section and all subsequent sections containing data for all rows present.

Payment Delivery					Delivery Channel Code		Bank Instruction Code 1			
Payment Attributes Messages		Payment Attributes Upload Action		Delivery Channel						
		Create								
		Create records		Cheque payment by special delivery		DE_22	Quick payments			

## Sheet Structure Examples

Like all other More4apps EBS Wizards and Fusion Integrators, the worksheet sections are related to each other in a hierarchical manner. The following table demonstrates the sections' relationships.

Section	Parent Section	Relationship
Header	Header	Each row in the Supplier section is a separate Supplier Profile, Supplier Address or Supplier Site record
Payment Delivery	Payment Attributes	<b>One to One</b> Each Supplier Profile, Supplier Address or Supplier Site records can have one Payment Delivery row
Payment Specifications	Payment Attributes	<b>One to One</b> Each Supplier Profile, Supplier Address or Supplier Site records can have one Payment Specification row
Separate Remittance Advice Delivery	Payment Attributes	<b>One to One</b> Each Supplier Profile, Supplier Address or Supplier Site records can have one Separate remittance Advice Delivery row
Payment Methods	Payment Methods	<b>One to Many</b> Each Supplier Profile, Supplier Address or Supplier Site records can have many Payment Method rows
Bank Account Assignments	Bank Accounts	<b>One to Many</b> Each Supplier Profile, Supplier Address or Supplier Site records can have many Bank Account Assignment rows

The scenario below illustrates the hierarchical layout. This example does not include all columns. Note the upload action in each section.

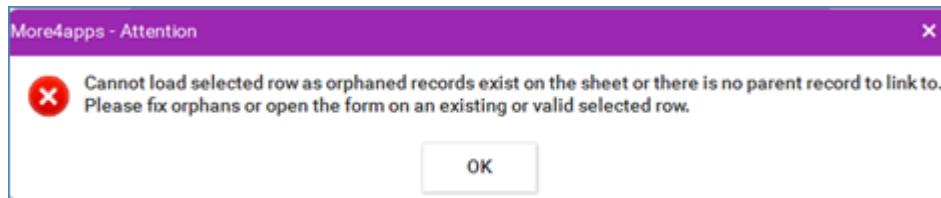
Header		Payment Delivery		Payment Specifications		Separate Remittance Advice Delivery		Payment Methods		Bank Account Assignments		
Supplier Name	Supplier Number	Payment Attributes Upload Action	Delivery Channel	Payment Reason	Payment Reason Comments	Billing Address Delivery Method	Payment Method Upload Action	Payment Method	Bank Assignment Upload Action	Account Number	External Bank Account Id	Primary Bank Account
Lee Supplies	1252	Update	Cheque payment by special delivery	Government Payment	Reason	Fax	Create	Cheque	Create	X00000X4567	95647	No
							Create	Electronic	Create	X0000X1252	16612	Yes
							Create		Create	X0000X1252	1597	No
							Create		Create	X0000X1252	27634	No
							Create		Create	X0000X1252	1	No

This scenario shows that at each level (in this case Supplier Profile), Payment Delivery, Payment Specifications & Separate Remittance Advice Delivery only have one row, where Payment Methods & Bank Account Assignments can have more than one row.

Note: If an additional row were to be entered in a section where the relationship was one to one, as per the below example (see highlighted data):

Header	Supplier Name	Supplier Number	Payment Delivery		Payment Specifications		Separate Remittance Advice Delivery		Payment Methods		Bank Account Assignments		
			Payment Attributes Upload Action	Delivery Channel	Payment Reason	Payment Reason Comments	Remittance Advice Delivery Method	Payment Method Upload Action	Payment Method	Bank Assignment Upload Action	Account Number	External Bank Account Id	Primary Bank Account
Lee Supplies	1252		Update	Cheque payment by special delivery	Government Payment	Reason	Fax	Create	Cheque	Create	X00000X4567	95647	No
			Update	Cheque payment by special delivery	Government Payment	Reason	Fax	Create	Electronic	Create	X00000X1252	16612	Yes

The following error will display, the additional row is not accepted as there can be only one for this Supplier in the highlighted section.



Once all Supplier Payment information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses and response information from the web service.

Rejected uploads will return messages.

More information on how to reprocess these records is [here](#).

### Sections:

[Update Supplier Payment Detail Records](#)

[Download Sources](#)

[Supplier Payment Details Integrator Limitations](#)

## Update Supplier Payment Detail Records

All Supplier Payment Details Integrator sections allow records to be updated where the Oracle web services support this action. See this [table](#) for information relating to which sections support Update actions.

One way to populate the sheet for update is to first download the current Supplier Payment data into the appropriate sections. Then make your data changes, populate the section's Upload Action column with 'Update'/'Update records' and upload the records.

However, due to Payment Details being added at Supplier Profile, Supplier Address and Supplier Site levels. The download is constructed differently depending on the level you choose. This is detailed further in [Download Sources](#). Data extracts can also be used by manipulating the data into the correct format and copying and pasting into the Integrator worksheet.

Supplier Payment Detail information can be updated and created in the same upload. For example, you can update existing Payment Methods on one row of the Integrator, and, on the next row, you can add a new Payment Method to the same Supplier.

In this example, the first row must have an Upload Action of 'Update', whereas the second row needs a 'Create' Upload Action:

Header		Payment Methods	
Supplier Name	Supplier Number	Payment Method Upload Action	Payment Method
Lee Supplies	1252	Update Create	Electronic Pagare

Once all Supplier information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses.

Rejected uploads will return messages.

More information on how to reprocess these records can be found [here](#).

#### Sections:

[Create Supplier Payment Detail Records](#)

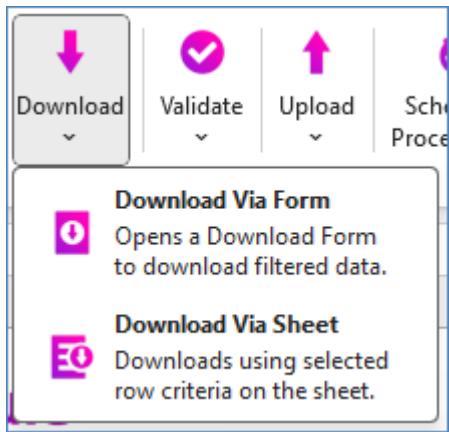
[Download Sources](#)

[Supplier Payment Details Integrator Limitations](#)

## Download Sources

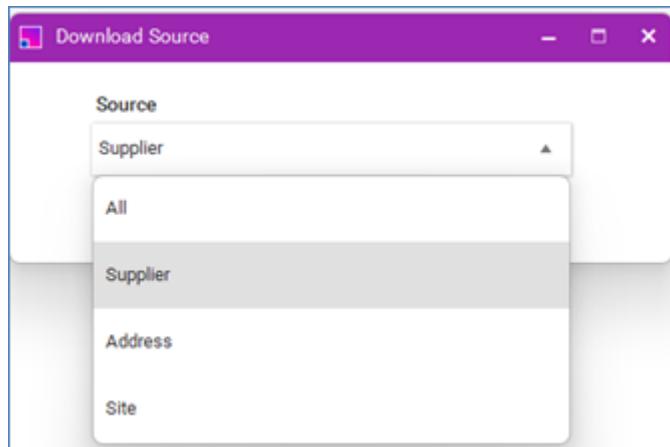
Due to Payment Details being available against Supplier Profile, Supplier Address and Supplier Site. The download solution in this integrator caters for the above levels to be download in a format that supports this.

When downloading via Sheet or Form select from the ribbon as per the screenshot below:



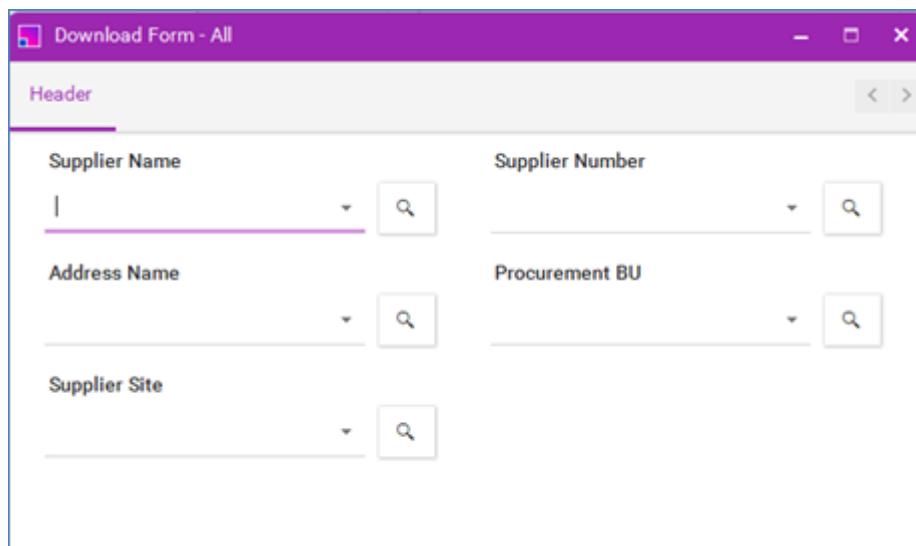
## Download Via Form

After choosing “Download Via Form” a download form prompt will appear enabling you to select the level you wish to download your data to prepare it for upload as below:



### **Download Source - All**

If “All” is selected a form presents which enables you to enter Supplier Name, Supplier Number, Address Name, Procurement BU and Supplier Site.



If all fields are entered, then Payment data will be downloaded for the Supplier Site that is entered.

If Supplier Name, Supplier Number, Address Name and Procurement BU are entered, Payment data will be downloaded for any Sites associated to the entered Procurement BU.

If Supplier Name, Supplier Number and Address Name are entered, Payment data will be downloaded for any Addresses, Procurement BUs and Sites associated to the entered Address.

If Supplier Name and/or Supplier Number are entered, Payment data will be downloaded for any Addresses, Procurement BUs and Sites associated to the entered Supplier.

### **Download Source - Site**

If "Site" is selected a form presents which enables you to enter Supplier Name, Supplier Number, Address Name, Procurement BU and Supplier Site.

If all fields are entered, then Payment data will be downloaded for the Supplier Site that is entered.

If Supplier Name, Supplier Number, Address Name and Procurement BU are entered, Payment data will be downloaded for any Sites associated to the entered Procurement BU.

If Supplier Name, Supplier Number and Address Name are entered, Payment data will be downloaded for any Sites associated to the entered Address.

If Supplier Name and/or Supplier Number are entered, Payment data will be downloaded for any Sites associated to the entered Supplier.

### **Download Source - Address**

If "Site" is selected a form presents which enables you to enter Supplier Name, Supplier Number and Address Name.

If all fields are entered, then Payment data will be downloaded for the Address that is entered.

If Supplier Name and/or Supplier Number are entered, Payment data will be downloaded for any Addresses associated to the entered Supplier.

Please note: If the Supplier Address Name is not refined by supplier and is a duplicate, after selection, if a site is searched, any sites for any supplier will be returned.

### **Download Source - Supplier**

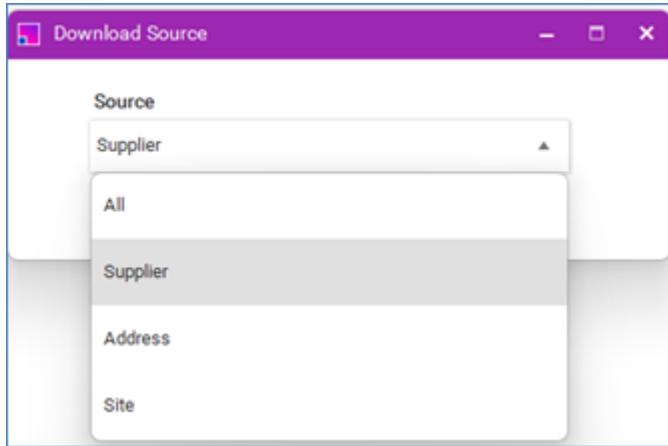
If "Site" is selected a form presents which enables you to enter Supplier Name, Supplier Number and Address Name.

If Supplier Name and/or Supplier Number are entered Payment data will be downloaded for the entered Supplier.

### **Download Via Sheet**

Prior to entering your data in the sheet it's important to be aware of which level you want to download your data from.

Once data is selected and 'Download Via Sheet' is entered the following form will display.



The screenshot below illustrates how entered data will download at each level selected:

Header						
	Header Validation Messages	Supplier Name	Supplier Number	Address Name	Procurement BU	Supplier Site
> DOWNLOAD SOURCE						
DOWNLOAD VIA SHEET						
ALL						
	Lee Supp%					
	Lee Supplies	1252				
	Lee Supp%	1252				
	Lee Supplies	1252				
	Lee Supp%			Lee Australia		
	Lee Supplies			Lee Australia	Australia Business Unit	Lee Australia
	SUPPLIER					
	Lee Supp%					
	Lee Supplies	1252				
	Lee Supp%					
	Lee Supplies	1252		Lee Australia		
	ADDRESS					
	Lee Supp%					
	Lee Supplies	1252				
	Lee Supp%					
	Lee Supplies	1252		Lee Australia		
	SITE					
	Lee Supp%					
	Lee Supplies	1252		Lee Australia	Australia Business Unit	Lee Australia

### Sections:

[Create Supplier Payment Detail Records](#)

[Update Supplier Payment Detail Records](#)

[Supplier Payment Details Integrator Limitations](#)

## Supplier Payment Details Integrator Limitations

### Change Requests and Approvals

As of release 23C, the Oracle web services do not currently respect the 'Configure Supplier Registration and Profile Change' configuration.

This could potentially be an issue in your specific instance. Careful testing, together with a thorough review of any implications relating to this lack of functionality, should be undertaken.

More4apps will monitor and test subsequent Fusion releases to ascertain whether this behavior is changed in the future.

### **Update Unpaid Invoices Flag cannot be set.**

Update Unpaid Invoices flags are not stored values in the DB. These are flags captured only to take users decision (in edit mode) on updating unpaid invoices that have these bank accounts when a bank account is being inactivated.

A parameter is required for this to be passed to the DB from the integrator and this is not stored. It is unable to be supported via the Supplier Payment Details Integrator at this time.

Please note that an idea has been raised in Oracle Support, should you wish to add your vote so this can potentially be included In the Supplier Payment Details Integrator please see this [link](#).

### **Factor Bank Accounts will not be available to all Suppliers.**

Factor Accounts cannot be displayed in the Bank Accounts List of Values for all Suppliers as per Oracle. This is due to an architectural constraint. If this feature is desired, please contact More4apps to request an enhancement for consideration.

### **Payment Method does not allow past dates.**

The REST service that supports Payment Methods does not allow past dates. Therefore, this is also a limitation in the Supplier Payment Details Integrator. The Oracle UI allows past dates. A Support Request has been raised with Oracle.

### **Inactive Payment Methods are returned in the List of Values**

The REST service that supports Payment Methods LOV has no provision to exclude inactive Payment Methods. Therefore, these will be returned to the Supplier Payment Details Integrator. An error will be returned if upload of inactive Payment Method is attempted. A Support Request has been raised with Oracle.

#### **Sections:**

[Create Supplier Payment Detail Records](#)

[Update Supplier Payment Detail Records](#)

[Download Sources](#)

## **Supplier Bank Accounts Integrator**

The Supplier Bank Accounts Integrator is a solution for creating supplier bank accounts, account owners, intermediary bank accounts and assigns them to Supplier, Address, and /or Site levels via the supported Oracle ERP Cloud REST and SOAP Web Services.

The External Bank Accounts REST and SOAP Web Services that exist today, as at version 23C, are inbound web services that allow both the creation and update of supplier bank account data in Oracle Fusion Suppliers.

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

## Relevant Notes:

### Create Supplier Bank Accounts

This integrator allows you to create new supplier bank accounts associated with existing Banks and Branches. It does not support creation of new Banks and /or Branches.

### Profile Change Request

As with Oracle's FBDI products, all approval configuration in Oracle's 'Setup and Maintenance' > 'Configure Supplier Registration and Profile Change Request' form will be bypassed by the Supplier Bank Accounts Integrator. Therefore, care must be taken to ensure that all data being uploaded via the Integrator has already been approved in line with your company's policies.

## Oracle Known Issues

The bank account creation using web services refers to the profile option `CE_USE_EXISTING_BANK_BRANCH`. If the profile value is No (default value), the errors below will be displayed:

The value of the attribute Bank Identifier is not valid.

The value of the attribute Branch Identifier is not valid.

This issue is tracked via bug # 29740495. The workaround recommended by Oracle is to use either any existing user or create a new user with all required function and data security privileges and configure above profile at user level with value as Yes.

## Country Specific Validations

Bank-related fields (e.g. bank code, branch number, account number, check digit and IBAN) must adhere to specific format and content regulations that vary by country. To ensure data integrity, these fields are checked against country-specific validation rules.

However, Oracle has provided the profile option 'Disable Country Specific Bank Validations' for managing the country-specific validations. When the profile option is set to 'Yes', the validation bypasses the country-specific rules on these fields. This profile option can be set at the site or user level. The default is set to 'No' at the Site level.

This profile option affects internal and external bank accounts. It does not impact checks for unique banks, branches, accounts, and the mandatory requirement of the bank account number.

**Important Note:** It is recommended to exercise due care when considering whether disabling country-specific bank validations aligns with your organization's policies and risk management practices.

## Bank Account Information in Oracle User Interface

Bank Account details created using the web services will only be visible in Oracle UI when Account Owners and Bank Account Assignments are completed.

## Bank Account Masking

If Bank Account masking is configured, the Integrator will download the masked account number in the 'Masked Account Number' field. The original, uploaded account number will remain in the 'Account Number' field for reference.

### Allow International Payments

If the 'Allow International Payments' checkbox is selected, bank and branch details must be provided.

### Integrator Sections

The following sections and functionality are available in the Supplier Bank Accounts Integrator.

Section Name	Create New Records	Update Existing Records
Bank Accounts	Yes	Yes
Bank Account Owners	Yes	No*
Bank Account Assignments	Yes	No*
Intermediary Bank Accounts	Yes	Yes

\*Except for the 'Bank Account Owners and Assignments' End Date which can be updated.

The following diagram shows the relationships between the different sections of the Supplier Bank Accounts Integrator:



### Sheet Structure Examples

Like all other More4apps EBS Wizards and Fusion Integrators, the worksheet sections are related to each other in a hierarchical manner. The following table demonstrates the sections' relationships.

Section	Parent Section	Relationship
Bank Accounts		Each row in the Bank Accounts section is a separate Account record
Bank Account Owners	Bank Accounts	<b>Many to One</b> A Bank Account can have multiple joint owners
Bank Account Assignments	Bank Accounts	<b>Many to One</b>

		A Bank Account can be assigned to Supplier, Address and/or Site levels
Intermediary Bank Accounts	Bank Accounts	<b>Many to One</b> A Bank Account can have multiple Intermediary Bank Accounts

## Record Batching in the Supplier Bank Accounts Integrator

More4apps takes advantage of REST web service payload batching in order to improve upload performance times. However, as of release 23C, only the following sections can batch records into larger payloads:

- Bank Accounts 50 records per batch
- Bank Account Owners 50 records per batch
- Bank Account Assignments 50 records per batch

### Sections:

[Create Supplier Bank Accounts](#)

[Create Bank Account Owners](#)

[Bank Account Assignments](#)

[Update Bank Accounts](#)

[Download Bank Accounts](#)

[Supplier Bank Accounts Integrator Limitations](#)

## Create Supplier Bank Accounts

Before you begin, please review the current [Supplier Bank Accounts Integrator Limitations](#).

We expect that these will be resolved over time as Oracle improves the underlying web services allowing us to add functionality to this product.

To create new bank accounts, ensure the **Upload Action** is set to **Create** or **Create records**.

Open the data form and enter the relevant bank details or alternatively enter the bank information directly on to the sheet.

Bank Account	Account Number	Masked Account Number	External Bank Account Id	Supplier Name	Supplier Nu	Country	BIC	Bank Name	Bank Number	Bank Branch Name	Bank Branch Number
Create	33399888			Evans Games	1429	Sweden	HANDESSXXX	SE Banken		SEBanken, Stockholm	3829
Create	3339985812			Evans Games	1429	Netherlands	ABN AMRO ABNA	ABN AMRO BANK	ABNANL2A		

If a Bank Identifier Code (BIC) is associated with the bank branch, you can select the BIC from the provided list of values. The Bank and Branch details will automatically default. Alternatively, enter the value directly in the BIC field and the Bank and Branch details will be populated upon validation.

Once all the Bank Account information is entered, the upload process can be initiated. For details on uploading refer to the [Upload](#) section.

Successful uploads will return 'Accepted' statuses and some response information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records is [here](#).

## Sections:

## Create Bank Account Owners

## Bank Account Assignments

## Update Bank Accounts

## Download Bank Accounts

## Supplier Bank Accounts Integrator Limitations

## Create Bank Account Owners

You can create the Account Owners in the same upload as the Bank Accounts by entering the necessary information in the data form or on the sheet.

Note that the Bank Account Owner will automatically be populated based on the Supplier Name entered on the sheet.

Bank Account Owners

Bank Account Owners Upload Action

Create

Account Owner	Primary
Evans Games Ltd	Yes
Account Owner From Date	Account Owner To Date
20/08/2024	31/12/4712

## Assign Account Owners

If a bank account already exists, you can download the bank account number and assign the bank owners. Ensure that the 'Masked Account Number' or 'External Bank Account Id' is included on the sheet, as this is the parent identifier for the child record, Account Owner.

Bank Account Details										
Account Number	Wanted Account Number	External Bank Account ID	Holder Name	Holder Number	Country (IC)	Bank Name	Bank Number	Bank Branch Name	Bank Branch Number	Bank Account For Bank Account Owners
Actions										
533999888	100000888	00000028078698	Evans Games	1429	Sweden (SE)	Swedbank	0000000000000000	Stockholm	0000000000000000	<input type="button" value="Create"/>
53399988812	10000088812	00000028078703	Evans Games	1429	Netherlands (NL)	ABN AMRO BANK	ABN AMRO BANK	AMSTERDAM	0000000000000000	<input type="button" value="Create"/>

## **Add Account Owners**

You can add additional suppliers as joint owners to a supplier's bank account. For multiple bank account ownership, a Primary owner is required.

When selecting an Account Owner from the data form, the list of values will only display active suppliers.

## Processing of Child Records

Bank Accounts section is the parent for Account Owners. Account Owners section does not have any child sections associated with it. If you are creating multiple account owners, there should be **no** blank rows between the data to prevent orphaned records during upload.

Bank Account Owners				Bank Account Assignments			
Bank Account Owners			Account Owner	Primary	Bank Account Assignments		Messages
					Create	Assign to Supplier	
Section Bank Account Owners record in row 46 is orphaned. Possible causes include a missing parent record or blank row gap(s) above the current record.	Create	Evans Farming Supplies				Create	Evans Farming Supplies Evans Confectionery NZ
	Create	Evans Confectionery NZ	Yes			Create	Evans Farming Supplies Evans Confectionery NZ
	Create	Evans Farming Supplies				Create	Evans Farming Supplies Evans Confectionery NZ
	Create	Evans Confectionery NZ	Yes			Create	Evans Farming Supplies Evans Confectionery NZ

## Sections:

[Bank Account Assignments](#)

[Update Bank Accounts](#)

[Download Bank Accounts](#)

[Supplier Bank Accounts Integrator Limitations](#)

## Bank Account Assignments

You can assign a new or existing bank account to the payee record at the Supplier, Address and/or Site levels in a single upload. Before creating the assignment, ensure that an Account Owner is assigned to the bank account.

### Assign to Suppliers

Enter all the necessary data on the sheet by using the data form or manual input. The 'Assign to Supplier' value will automatically default to the Supplier provided on the sheet. Enter the Primary flag and 'Start Date' and 'End Date' information (optional).

After the upload is complete, the Assignment Id will be populated. The 'Assignment Id' is a unique identifier and is required for any future Update actions.

Bank Account Assignments Upload Action	Assignment Id	Assign to Supplier	Primary Bank Account	Start Date	End Date
Create		Evans Games Ltd	Yes	20/08/2024	
Create		Evans Games Ltd	Yes	21/08/2024	

### Assign to Addresses

To assign the bank account to an Address, enter the Supplier Name in the 'Assign to Supplier' and the corresponding 'Address Name' field. This will identify the specific address associated with the supplier.

Bank Account Assignments	Upload Action	Assignment Id	Assignment Name	Assign to Supplier	Assign to Address	Primary Bank Account	Start Date	End Date
Create				Evans Games Ltd	EGames NZ	Yes	20/08/2024	
Create				Evans Games Ltd	EG Marketing	Yes	21/08/2024	

## Assign to Sites

To assign a bank account to a Supplier Site, enter the Supplier Name in the 'Assign to Supplier' field, the corresponding 'Address Name' field, and the specific Site name. This combination will uniquely identify the location where you want to assign the bank account.

Bank Account Assignments	Upload Action	Assignment Id	Assignment Name	Assign to Supplier	Assign to Address	Site Business Unit	Assign to Site	Primary Bank Account	Start Date	End Date
Create				Evans Games Ltd	EGames NZ	US1 Business Unit	EG Group Global	Yes	20/08/2024	
Create				Evans Games Ltd	EG Marketing	US1 Business Unit	EG Marketing AU	Yes	21/08/2024	

## Intermediary Accounts

This section captures the Intermediary bank account details. Verify that the correct bank details are entered as the web service does not provide validation.

Intermediary Bank Accounts	Upload Action	Intermediary Account Number	Intermediary Account Country	Intermediary BIC	Intermediary Bank Name	Intermediary Bank Code	Intermediary Bank Branch Number	Intermediary BIFN
Create		09123633	United States	BOFAUS3N	Bank of America		122000247	

## **Sections:**

[Create Supplier Bank Accounts](#)

[Create Bank Account Owners](#)

[Update Bank Accounts](#)

[Download Bank Accounts](#)

[Supplier Bank Accounts Integrator Limitations](#)

## Update Bank Accounts

All sections within the Supplier Bank Accounts Integrator, allow for record updates where supported by the Oracle web services. See [Integrator Sections](#) table for information relating to which fields support Update actions.

To update bank account details, download the current Supplier Bank Accounts data into the appropriate sections, make the necessary changes, populate the Upload Action column with 'Update'/'Update records' and upload the records.

The columns 'Masked Account Number', 'External Bank Account Id', 'Assignment Id and 'Intermediary Bank Account Id' are unique identifiers for specific records within the sections. These columns are required for updating data in the header and child sections.

## Update Bank Account Number

If masking is enabled, the existing bank account numbers will download into the column 'Masked Bank Account Number'. To update the account, enter the designated '**New Account Number**' column with the updated value.

Bank Accounts Upload Action	Account Number	Masked Account	New Account Number	External Bank Account Id	Supplier Name	Supplier Number	Country	Bank Name	Bank Number	Bank Branch Name	Bank Branch Number
Update	22298745	XXXXXX745	22298745	000000269888967	Dream Noodles-010623	16656	Australia	Westpac	Sydney Office	032000	
Update	22298750	XXXXXX750	22298750	000000269888968	Emergence Collective-010623	16683	Australia	Westpac	Sydney Office	032000	
Update	22298755	XXXXXX755	22298755	000000269888969	Crazy Chopped-010623	16577	Australia	Westpac	Sydney Office	032000	

## Update and Create Bank Accounts

This integrator enables you to both update and create bank account information in a single upload.

In this example, the first two rows must have an Upload Action of 'Update', whereas the third row needs a 'Create' Upload Action:

Bank Account Owners Upload Action	Account Owner	Primary	Account Owner From Date	Account Owner To Date
Update	Dream Noodles-010623	No	22/08/2024	31/08/2024
Update	Emergence Collective-010623	No	22/08/2024	31/08/2024
Create	Crazy Chopped-010623	Yes	22/08/2024	

## Update Bank Account Owners

You cannot directly modify the account owner information, including the Primary Flag. Instead, you can end date a bank account owner assignment or update a future date. Download the current Bank Account Number into the sheet and populate the 'Account Owner To Date' column with the updated value.

## Update Account Assignments

The 'Assignment Id' column must be included on the sheet for any updates in the Assignments section. The Primary flag cannot be updated. However, you can update the assignment End Date.

Bank Account Assignments Upload Action	Assignment Id	Assign to Supplier	Assign to Address	Site Business Unit	Assign to Site	Primary Bank Account	Start Date	End Date	
Update	30000026989317	Dream Noodles-097150823	Wilma	US1 Business Unit	Head Office	Yes	22/08/2024	31/08/2024	
Update	30000026989318	Emergence Collec	124150823	Wilma	US1 Business Unit	Head Office	Yes	22/08/2024	31/08/2024

## Sections:

[Create Supplier Bank Accounts](#)

[Create Bank Account Owners](#)

[Download Bank Accounts](#)

[Supplier Bank Accounts Integrator Limitations](#)

## Download Bank Accounts

### Download Filters

The available download filters in the Download form are:

- # Supplier Name
- # Supplier Number
- # Masked Account Number
- # Account Name

White markers on row 8 indicate filters that can be used with Download via Sheet.

### **Download Limitations**

No records will be downloaded in the following scenarios:

- If there is a pending profile change request for the supplier, no data will be downloaded.
- Suppliers that do not have any existing bank accounts will not have any records to download.
- No records will be downloaded for inactive suppliers.
- Data, such as date formats, will be downloaded as they appear in the database.

**Sections:**

[Create Supplier Bank Accounts](#)

[Update Bank Accounts](#)

[Download Bank Accounts](#)

[Supplier Bank Accounts Integrator Limitations](#)

## **Supplier Bank Accounts Integrator Limitations**

### **Intent Type - Supplier**

The intent of the external bank account is based on the payment function of the external payee of the account owner. The intent type is set as 'Supplier' and the available payment function is PAYABLES\_DISB.

Other payment functions: EMPLOYEE\_EXP - Person, EMPLOYEE\_EXP – Employee, ONETIME\_PAYMENT - Onetime, and ADHOC\_PAYMENT – Adhoc are not supported in this version.

### **DFFs not available**

Bank Accounts DFFs are not available in Oracle REST web services.

### **Attachments not available**

Attachments are not supported.

### **Bank Accounts Additional Information not available**

The following Additional Information fields are not supported by Oracle REST:

Conversion Rate Agreement Type

Conversion Rate

Conversion Rate Agreement Number

Description

### **Bank Account Numbers cannot be unmasked**

If masking is enabled, the downloaded account number will be masked and cannot be unmasked. However, if the bank account is created using the integrator the original bank account will be retained in the Bank Account column for reference.

### **Bank Identifier Code (BIC)/EFT Swift Code**

The Integrator does not allow creation of BIC. It is recommended that a BIC/Swift Code is entered at the bank branch level in Oracle UI.

#### **Sections:**

[Create Supplier Bank Accounts](#)

[Create Bank Account Owners](#)

[Update Bank Accounts](#)

[Download Bank Accounts](#)

## **Receivables Receipts Integrator**

The Receivables Receipts Integrator is a solution for processing Standard receipts via the supported Oracle ERP Cloud Web Services.

The Standard Receipts Web Services that exist today, as at version 25B, are inbound web services that allow the creation, update, application, un-application and adjustment of Standard receipts data in Oracle Fusion Receivables.

Additionally, the Receivables Receipts Integrator enables the creation and reversal of Miscellaneous receipts.

The following sections and functionality are available in the Receivables Receipts Integrator:

Section Name	Standard Receipts		Misc Receipts	
	Create New Records	Update Existing Records	Create New Records	Update Existing Records
Receipts	Yes	Yes	Yes	No
Miscellaneous Receipts Reference	N/A	N/A	Yes	No
Customers	Yes	Yes	N/A	N/A
Receipts DFF	Yes	No	Yes	No
Receipts Global DFF	Yes	No	Yes	No
Applications	Yes	Yes - Unapply	N/A	N/A
Reversals	N/A	Yes – Reverse	N/A	Yes - Reverse
Adjustments	Yes	No	N/A	N/A
Adjustments DFF	Yes	No	N/A	N/A
Adjustments Global DFF	Yes	No	N/A	N/A

Descriptions of each of the fields in the Receivables Receipts Integrator, and information on whether a field is required to be in the sheet or not, can be seen when creating a new sheet from the Template. Please use the following link for more details: [Generating a New Sheet](#)

Ensure you are familiar with the More4apps Finance Module [prerequisites](#) before attempting to use this Integrator.

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

[Descriptive Flexfields](#)

[Receivables Receipts Limitations](#)

## **Create Receipts**

Become familiar with the current Integrator's [Receivables Receipts Limitations](#). These will be resolved over time as Oracle improves the underlying web services enabling us to add functionality to this product.

The columns in the Integrator's 'Receipts' section correspond to the fields available under the 'General' and 'Remittance Bank' headings of the Create Receipts form in the Oracle UI and are used for both Standard and Miscellaneous receipts.

The Descriptive Flexfield sections of the Integrator correspond to the 'Additional Information' fields in both the Create and the Manage Receipts forms in Oracle UI.

The Receivables Receipts Integrator enables you to create both Standard and Miscellaneous Types of receipt.

Manual receipts of Standard type can be created with or without Customer information. Receipts with no Customer information are created as Unidentified receipts: receipts created with Customer information are created as Unapplied receipts.

To create Unidentified or Unapplied receipts, enter data only into the 'Receipts' section.

This same 'Receipts' section is also used to create Miscellaneous receipts. There is a separate 'Miscellaneous Receipts Reference' section which captures information for the various Reference types available for Miscellaneous receipts e.g. Payment/Payment Number, Receipt/Receipt Number, etc.

The following is an example of a sheet tailored to the creation of the receipt header only and/or Miscellaneous Receipts:

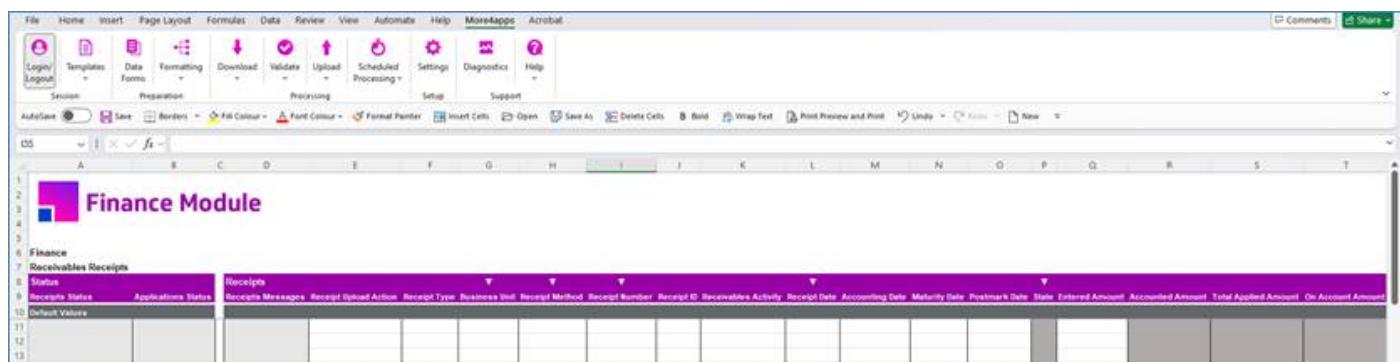
### Relevant Notes:

To create receipts set the **Receipt Upload Action** to **Create** or **Create records**.

A single row of data is entered for each receipt, either directly into the Integrator sheet or via the Data Form.

Data must be entered into the fields which uniquely identify the receipt, e.g. Business Unit, Receipt Type, Receipt Method, Receipt Date, Remittance Bank Account Number, etc.

The Integrator has several read-only columns designed to assist the user when processing data. Values will be defaulted into some of these columns during the Validation process, e.g. Remittance Bank details and Taxpayer Identification Number, while others will be populated by the upload and download processes. The read-only columns are coloured grey.



Once all required receipt information has been entered, the upload process can be initiated. The Integrator will process the receipts in batches of 50. For details on uploading refer to the [Upload](#) section.

Successful uploads will return an 'Accepted' status at the Header level and return Receivables Standard Receipt information from the web service.

Rejected uploads will return messaging.

More information on how to reprocess these records can be found [here](#).

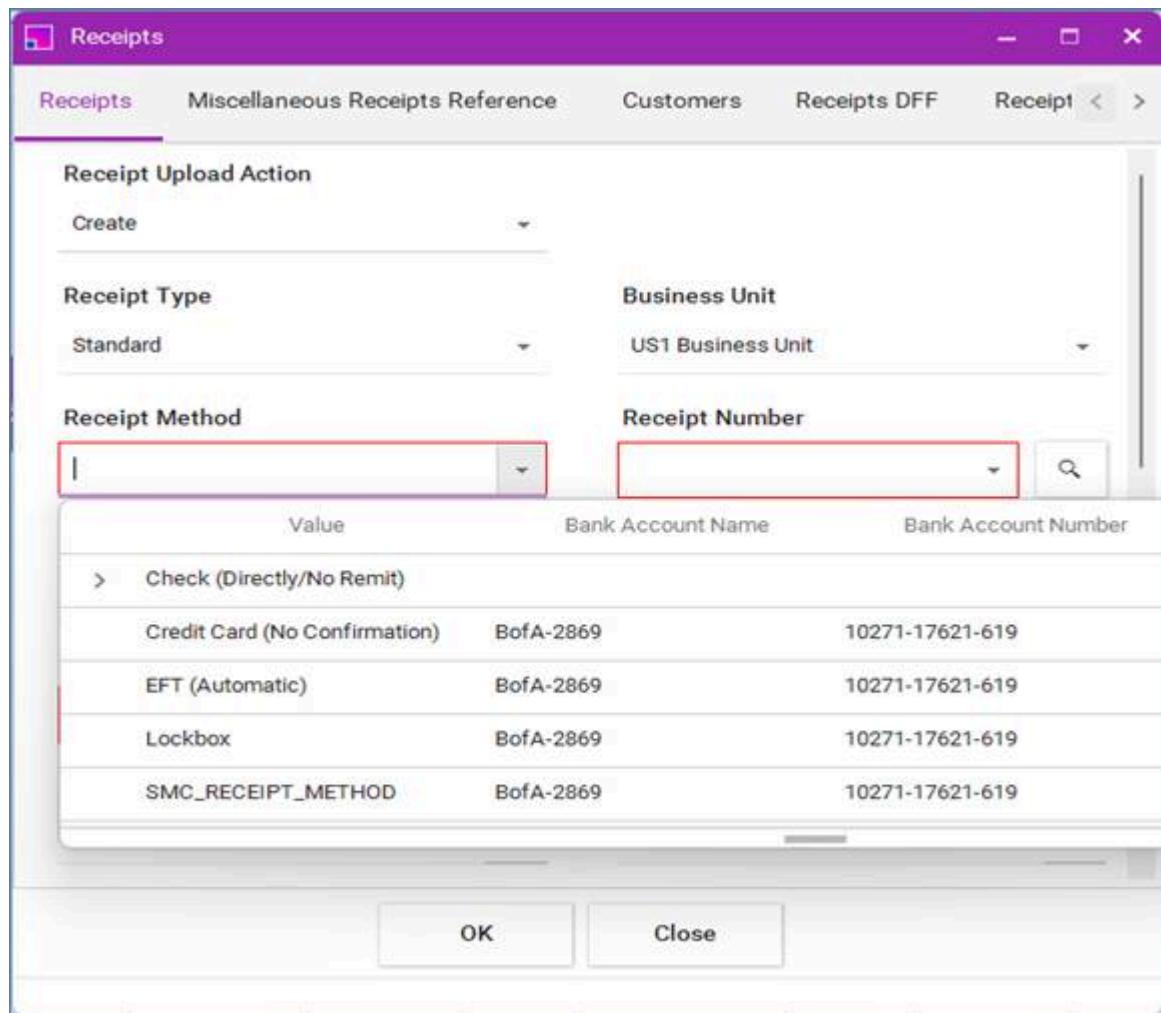
## Points to Note:

## 1. Receipt Method and Remittance Bank Account Number

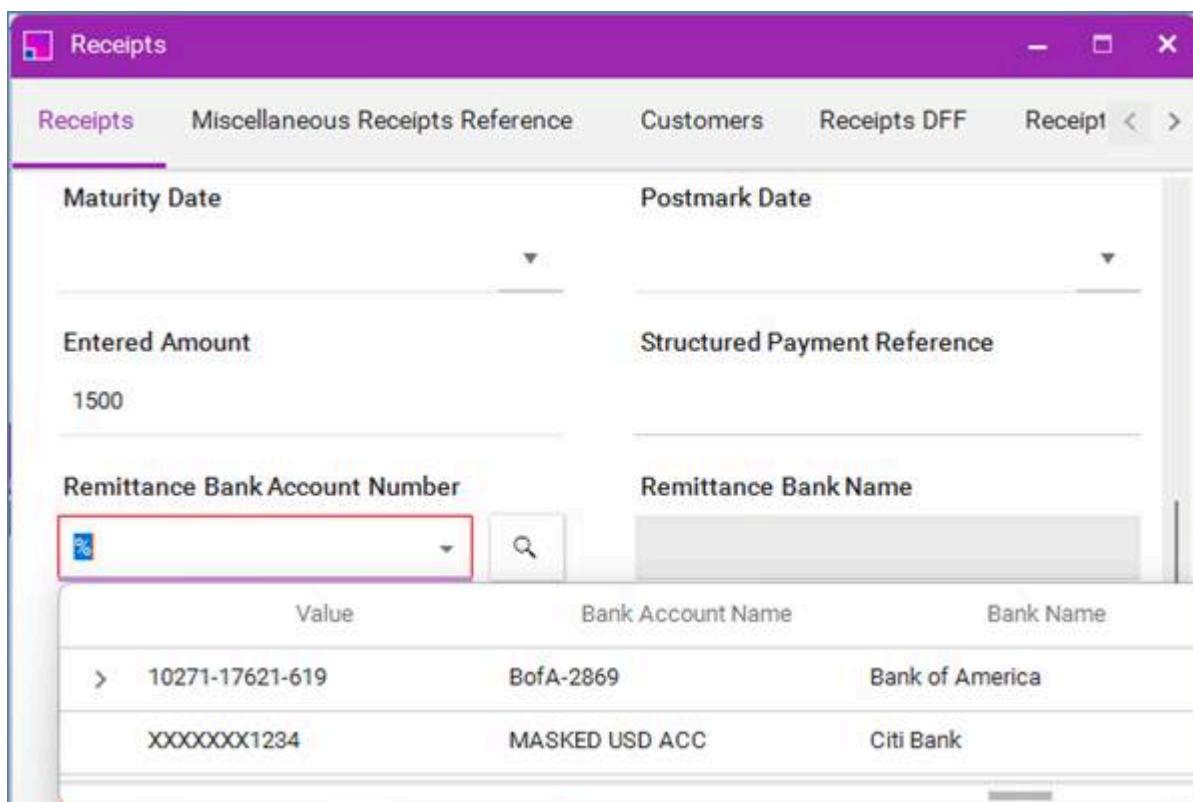
The form LOV for this field works slightly differently from the LOV in the Oracle UI.

The Integrator LOV shows distinct values for the Receipt Method field. If you have defined multiple Remittance Banks under one Receipt Method for a specific Business Unit the LOV for the Remittance Bank field will enable you to select the correct value.

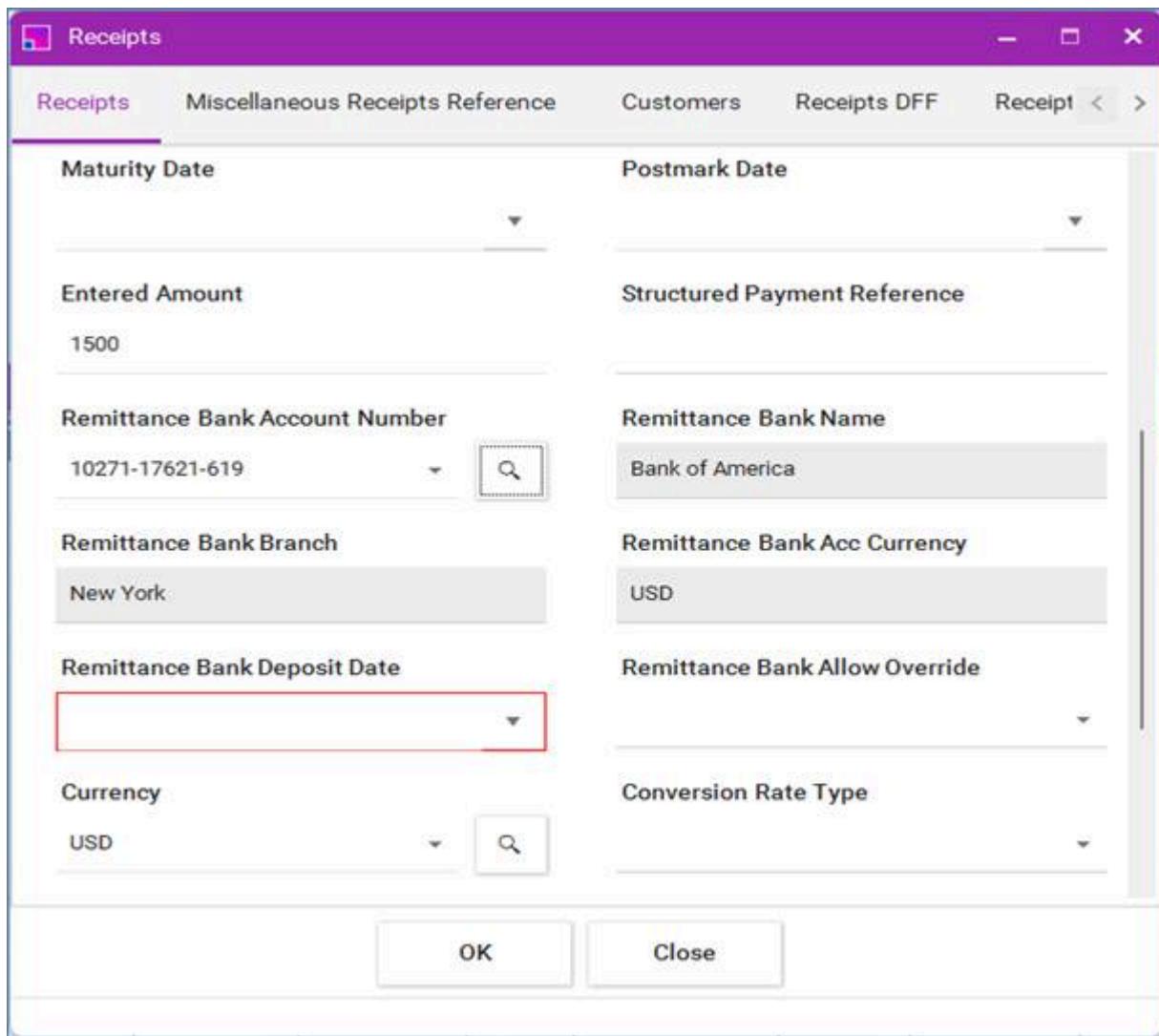
For example, in the following screenshot there are 5 different Receipt Methods available for the Business Unit selected. The ‘>’ symbol alongside the ‘Check (Directly/No Remit)’ value indicates that there are multiple Remittance Bank Accounts associated with this Receipt Method for the Business Unit.



If you select a Receipt Method with multiple Banks, you can then use the Remittance Bank Account Number's LOV to select the appropriate value:



Selecting this value, will default the rest of the data from the Remittance Bank LOV into the Data Form's fields:



## 2. Receipt ID

It is possible to create 'duplicate' receipts in Oracle where several of the elements of the receipt are the same, e.g.:

Business Unit	Receipt Method	Receipt Number	Standard Receipt ID	Receipt Date	Accounting Date	Status	Entered Amount	Accounted Amount	Remittance Bank Account Number	Remittance Bank Name	Remittance Bank Branch	Remittance Bank Acc Curr	Remittance Bank	Remittance Currency	Customer
US1 Business	Check (Directly/No Remit)	71124_01	300000271263218	7/11/2024	7/11/2024	Unapplied	1050	1050	10271-17621-619	Bank of America	New York	USD	7/11/2024	Yes	USD
US1 Business	Check (Directly/No Remit)	71124_01	300000271304929	7/11/2024	7/11/2024	Unapplied	1050	1050	10271-17621-619	Bank of America	New York	USD	7/11/2024	Yes	USD
US1 Business	Check (Directly/No Remit)	71124_01	300000271305012	7/11/2024	7/11/2024	Unidentified	1050	1050	10271-17621-619	Bank of America	New York	USD	7/11/2024	Yes	USD

Oracle assigns each receipt a unique Receipt ID. If you wish to update a receipt the suggested steps are for you to download it so that the Receipt ID field is populated and then process it as required. Having the Receipt ID available enables the user and the Integrator to distinguish between the duplicate receipts when making the updates.

## 3. Customer Bank Account Number

We are currently unable to provide an LOV for the Customer Bank Account Number due to the fact that these numbers can be automatically masked by Oracle and the webservice does not recognise masked numbers. Therefore, the original Customer Bank Account Number (i.e. the unmasked number) has to be manually

entered into this field: there is no validation on the data entry. However, the API will reject the record if the entered Customer Bank Account Number is invalid.

When a record with a Customer Bank Account Number is uploaded, the associated Customer Bank and Customer Bank Branch details will default into the read-only columns in the Integrator.

When the receipt is downloaded, if the installation has masking applied, the masked value will be downloaded into the Masked Customer Bank Account Number field: if no masking applies, the original Customer Bank Account Number will be downloaded into the Masked Customer Bank Account Number field. No value will be downloaded into the Customer Bank Account Number field.

Customer Name	Customer Taxpayer Identification Number	Customer Site	Customer Bank Account Number	Masked Customer Bank Account Number	Customer Bank	Customer Bank Branch
<b>MASKED DATA uploaded then downloaded</b>						
Juno Institute of Technology	22115	TIN0710202401		07654321		
Juno Institute of Technology	22115	TIN0710202401		XXXX4321	Bank of America	New York
<b>UNMASKED DATA uploaded then downloaded</b>						
Ports Of Auckland Ltd	1569	9429039426703	1569	0234567		
Ports Of Auckland Ltd	1569	9429039426703	1569	0234567	01	0071

## Attachments

Attachment functionality is not included in this version of the Receivables Receipts Integrator.

Refer to section:

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

[Descriptive Flexfields](#)

[Receivables Receipts Limitations](#)

## Apply Standard Receipts

The columns in the Integrator's 'Applications' section correspond to the fields available under the Receipt Details > Application headings of the Manage Receipts form in the Oracle UI.

### Create and Apply Standard Receipts

To create and apply Standard Receipts in one step, enter the data to create the receipt – including the Customer information - as per the information in the [Create Receipts](#) section. Then, before uploading, enter 'Apply' into the Application Upload Action column plus, at a minimum, enter the transaction number against which you wish to apply the receipt into the 'Application Reference' column and enter a value in the 'Applied Amount' column. Enter data into any of the other Receipts and Applications fields, as appropriate. For example, if the Customer making the payment and the invoiced Customer are different then you can enter the appropriate details into the Receipts > Customer fields and the Applications > Customer fields.

Customers		Applications										Applications					
Customer Name	Customer / Customer Site	Application M	Application Upto Application ID	Application Cus	Application R	Application Reference	Installment	Amount Due	Amount Due Cus	Applied Amount	Application Date	Application Acc	Transaction Ty	Transaction Br	Balance Due	Transaction Due	
Juno Institute of Tec	22115	ATLANTA															
Juno Institute of Tec	22115	ATLANTA	Apply	22115	599895	300000274535068	1	5348.75	USD	5348.75	7/04/2025	7/04/2025	Invoice	US1 Business	5348.75	15/04/2025	
Juno Institute of Tec	22115	ATLANTA	Apply	22115	599896	300000274535069	1	2501.36	USD	2000	7/04/2025	7/04/2025	Invoice	US1 Business	2501.36	15/04/2025	
Juno Institute of Tec	22115	ATLANTA	Apply	22115	599897	300000274535070	1	3500	USD	1500	7/04/2025	7/04/2025	Invoice	US1 Business	3500	15/04/2025	
Juno Institute of Tec	22115	ATLANTA	Apply	22115	599898	300000274535071	1	7583.25	USD	7580	8/04/2025	8/04/2025	Invoice	US1 Business	7583.25	15/04/2025	
Juno Institute of Tec	22115	ATLANTA	Apply	22115	599899	300000274535080	1	5893.75	USD	621.5	8/04/2025	8/04/2025	Invoice Int'l	US1 Business	5893.75	2025-02-19	
Juno Institute of Tec	22115	ATLANTA	Apply	22115	On Account			95.21		7/04/2025	7/04/2025	7/04/2025	Invoice	US1 Business Unit	0	4/05/2022	
Juno Institute of Tec	22115	ATLANTA	Unapply	300000274535090	22115	62779	300000244140027	1	0	USD	15	8/04/2025	8/04/2025	Invoice	US1 Business	0	4/05/2022

**Note:** if you wish to apply an Unidentified receipt against a transaction, you will first have to 'Update' the receipt header information to include the Customer details before entering the 'Application' information.

## On Account Applications

In addition to being able to apply a receipt to a Transaction, you can also apply a receipt to the 'On Account' status. Instead of entering a Transaction number, enter 'On Account' into the 'Application Reference' column and an 'Applied Amount': you will also need to populate the Customer Name and/or Customer Account Number columns.

## Apply Transactions to Existing Standard Receipts

To apply an existing Manual or Automatic receipt to a Transaction, first download the receipt into the Integrator. Set the Application Upload Action to 'Apply' and enter the appropriate Applications data. You can enter any number of Applications against one receipt.

If you are not updating any receipt data, you do not need to enter a 'Receipt Upload Action' when uploading the Application information.

Refer to section:

[Create Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

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[Receivables Receipts Limitations](#)

## Unapply Transactions

To unapply an application, download the receipt and its applications into the Integrator. Enter 'Unapply' into the Application Upload Action field for the appropriate application(s) and upload the data.

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)[Download Options](#)

[Descriptive Flexfields](#)

[Receivables Receipts Limitations](#)

## Update Manual Standard Receipts

Only Standard receipts may be updated: as at version 25B, there is no web service available to update Miscellaneous receipts.

Currently the only fields which can be updated in the Receivables Receipts Integrator are the Customer fields. This enables users to add Customer data to unidentified receipts or to change the Customer assigned to a receipt.

As in the Oracle UI, before changes can be made to Customer information against an existing receipt, the receipt has to have been accounted.

To update the Customer information, download the relevant receipt details, update the appropriate field(s) and then select the Header Upload Action 'Update'/'Update records'.

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

[Descriptive Flexfields](#)

[Receivables Receipts Limitations](#)

## Reverse Receipts

The columns in the Integrator's 'Reversals' section generally correspond to the fields available in the Oracle - Manage Receipts > Action > Reverse Receipt form:

## Reverse Receipt

\* Date

\* Category

Comments

Debit memo reversal

Type

Distribution

EO

\* Accounting Date

\* Reason

Both Standard and Miscellaneous Receipts can be reversed via the Integrator.

**Note:** Due to restrictions of the web services currently available (Oracle 25B), we are unable to process Debit Memo Reversals.

When processing reversals, you need only the Receipts and Reversals sections in the sheet.

To reverse a receipt, download the appropriate record into the Integrator, complete the required fields in the Reversals section, i.e. Action, Reversal Category and Reversal Reason, and add any further details required. Upload the record.

Receipts										Customers					Reversals					
Receipt Upload	Receipt Type	Business Unit	Receipt Method	Receipt Number	Receipt ID	Receipt Date	Entered	State	Amount	Remittance Bank Account Number	Remittance Bank Deposit Date	Currency	Customer Account Number	Customer Name	Reversal Upload	Action	Reversed Date	Reversal Category	Reversal Accounting Date	Reversal Reason
Receipt Messages	Action	Standard	UK Business	Check (Direct)	1BM421124_02	30000027	1/11/2024	Unappl	5000	70996799	30/10/2024	GBP	Casey Warehouse	182353	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount	
		Standard	UK Business	Check (Direct)	1BM421124_07	30000027	5/11/2024	12/11/2024	Unappl	4500	70996799	3/11/2024	NZD	SMC_CUST1	51119	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_08	30000027	6/11/2024	12/11/2024	Unappl	4500	70996799	4/11/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_04	30000027	11/11/2024	12/11/2024	Unappl	2350	70996799	9/11/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_03	30000027	2/11/2024	12/11/2024	Unappl	758.31	70996799	31/10/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_06	30000027	4/11/2024	12/11/2024	Applies	10000	70996799	2/11/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_05	30000027	4/11/2024	12/11/2024	Unappl	342.5	70996799	2/11/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_01	30000027	2/11/2024	12/11/2024	Unappl	758.31	70996799	31/10/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount
		Standard	UK Business	Check (Direct)	1BM421124_09	30000027	11/11/2024	12/11/2024	Unappl	625.47	70996799	9/11/2024	GBP	Juno Institute of T	22115	Reverse	8/01/2025	Reverse payment	31/01/2025	Wrong amount

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

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[Receivables Receipts Limitations](#)

## Adjust Receipts

This functionality enables you to create Receipt Write-offs and Issue Refunds, as per the processes available under the Application > Actions > More menu option in the Oracle UI.

This functionality shares some of the columns in the Applications section and is specifically driven by values available in the Application Reference column – e.g. the ‘Receipt Write-off’ & ‘Refund’ values shown below:

The processes for the different ‘Activities’ are as described below.

### Refund

Please note that the Integrator is currently unable to Unapply a Refund transaction due to the restrictions of the available webservices.

We advise that you create a cut-down sheet for the processing of Refunds as only a limited number of columns in the Applications section are required. The Integrator’s Activity Applications section replicates the ‘Issue Refund’ form in the Oracle UI.

The following screenshots show a suggested format:

Customers ▾		Applications								Activity Applications						Applications				
Customer Name	Customer Account Number	Applications Messages	Application Upload Action	Application ID	Application Reference	Amount Due	Amount Due Currency	Applied Amount	Application Date	Application Accounting Date	Application Receivables Activities	Refund	Customer Site	Refund Payment Method	Delivery Channel	Delivery Channel Code	Remittance Message 1	Transaction Business Unit	Balance Due Base	Transaction Due Date
Juno Institute of Technology	22115		Apply		Refund			50		17/03/2025	Refund	1248 Willowbrook	Check	Oversight	ONCL	RM1				
Juno Institute of Technology	22115			766523	Refund	0 USD		50	24/03/2025	17/03/2025	Refund	1248 Willowbrook	Check	Oversight	ONCL	RM1	UK Business Unit	0		

### Suggested steps to create a Receipt Refund:

- Download a receipt into the Integrator
- In the Applications section, select an 'Action' of Apply.
- In the 'Application Reference' column, select the value Refund.
- Enter the Refund amount into the 'Applied Amount' column: provide Application and Application Accounting Dates or leave these to default.
- Select or enter the appropriate Refund Activity in the 'Application Receivables Activity' field.
- Enter appropriate details into the remaining fields in the 'Activity Applications' section.
- Upload the record.

### Receipt Write Off

Please note that the Integrator is currently unable to Unapply a Receipt Write Off transaction due to the restrictions of the available webservices.

We advise that you create a cut-down sheet for the processing of Receipt Write Offs. The following screenshots show a suggested format for this:

Customers ▾		Applications								Activity Applications						Applications						
Customer Name	Customer Account Number	Applications Messages	Application Upload Action	Application ID	Application Reference	Amount Due	Amount Due Currency	Applied Amount	Application Date	Application Accounting Date	Application Receivables Activity	Receipt Write Off	Customer Site	Balance Due Base	Transaction Due Date							
Juno Institute of Technology	22115		Apply		Receipt Write-off				25	24/03/2025	17/03/2025	ReceiptWriteOff										
Juno Institute of Technology	22115			300000274792238	599784	341985	USD	475	19/03/2025	4/03/2025		ReceiptWriteOff	US1 Business Unit	341985	19/02/2025		765528	Receipt Write-off	0 USD	25	24/03/2025	17/03/2025



### Finance Module

SUGGESTED TEMPLATE FOR RECEIPT WRITE OFFS

**Finance Receivables Receipts**

Status	Receipts Status	Applications Status	Receipts	Receipt Messages	Receipt Upload Action	Business Unit	Receipt Method	Receipt Number	Receipt ID	Receipt Date	Accounting Date	State	Entered Amount	Accounted Amount	Unapplied Amount	Remittance Bank Account Number	Bank Deposit Date	Currency	Customers	Customer Name	Customer Account Number
Default Values																					
<b>CREATE RECEIPT WRITE-OFF TRANSACTION</b>																					
1. RECEIPT 050325_01 IS DOWNLOADED - USD 25.00 OF RECEIPT IS UNAPPLIED																					
Validated	Accepted					Standard	US1 Business Unit	Check (Direct)	050325_01	300000274671237	4/03/2025	4/03/2025	Unapplied	500	500	25	10271-17621	4/03/2025	USD	Juno Institute of Technology	22115
2. RECEIPT 050325_01 IS DOWNLOADED AFTER RECEIPT WRITE OFF (ALSO DOWNLOADS INVOICE APPLICATIONS)																					
						Standard	US1 Business Unit	Check (Direct)	050325_01	300000274671237	4/03/2025	4/03/2025	Applied	500	500	0	10271-17621	4/03/2025	USD	Juno Institute of Technology	22115

### Suggested steps to create a Receipt Write Off:

- Download receipt into the Integrator
- In the Applications section, select an 'Action' of Apply
- In the 'Application Reference' column, select the value Receipt Write-off
- Enter the amount to be written off into the 'Applied Amount' column
- Select the appropriate 'Application Receivables Activity'
- Enter Application and Application Accounting Dates or leave these blank to default
- Upload the transaction

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Transactions](#)

[Download Options](#)

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## Adjust Transactions

The Adjustments section represents the 'Adjust' option under the Receipt Details > Application > Actions menu in the Oracle UI. It enables the user to create an adjustment against a transaction at the same time as applying a receipt to that transaction.

In order to create the adjustment, you must have both the Receipt and the Application information present in the Integrator. You can:

- Create the receipt, application and adjustment in the Integrator at the same time.
- Download an existing receipt and its applications into the Integrator and create adjustments against those applications.
- Download an existing receipt and create applications and adjustments in the Integrator at the same time.

The only Upload Action available in this section is 'Adjust'.

The 'Adjustments DFF' section provides columns for recording Global and Context values: the 'Adjustments Global DFF' section records any Regional Information values.

We suggest that you create a specific template for the creation of adjustments which has only the essential columns for your business process. An example of such a template for the Applications and Adjustments sections is shown below: the Receipts section must also be present in the sheet when processing adjustments.

Applications Messages	Application Upload Action	Application ID	Application Consumer Number	Application Reference	Application Reference ID	Install ment	Amount Due Currency	Amount Due	Applied Amount	Applied Date	Application Accounting Date	Applications Transactions Type	Transaction Business Unit	Balance Due Date	Transaction Due Date	Adjustments Messages	Adjustment Upload Action	Adjustment Reversables Activating	Adjustment Type	Adjustment Amount	Adjustment Date	Adjustment Accounting Date	Adjustment Comments	Transaction Distribution	Adjustments DFF Adjustment Consumer	Adjustments DFF Adjustment Amount
		780012	22115	470325	30000027453495	1	75	EUR	3700	8/04/2025	11/03/2025	Invoice	US1 Business	83.39	30/03/2025		Adjust	Transaction ADJ Line Adjustme	37.5	8/04/2025	8/04/2025	Small amount	adj comment		ADVIS	
Apply		770935	22115	599695	30000027453506	1	5348.75	USD	150	7/04/2025	7/04/2025	Invoice Int'l	US1 Business	5348.75	19/03/2025		Adjust	Goodwill Disc'l Line Adjustme	50	7/04/2025	7/04/2025	Discount	adj comment	102.15.506001	ADVIS	
Apply		770935	22115	599695	30000027453506	1	5348.75	USD	75	7/04/2025	7/04/2025	Invoice Int'l	US1 Business	5348.75	19/03/2025		Adjust	Damaged Good Line Adjustme	75	7/04/2025	7/04/2025	Small amount	adj comment	102.15.506001	ADVIS	
Apply		780032	22115	599695	30000027453506	1	5348.75	USD	0	7/04/2025	31/03/2025	Invoice Int'l	US1 Business	0			Adjust	Goodwill Disc'l Line Adjustme	50	7/04/2025	7/04/2025	Discount	adj comment	102.15.506001	ADVIS	
Apply		770938	22115	599695	30000027453506	1	5348.75	USD	300	7/04/2025	7/04/2025	Invoice Int'l	US1 Business	5348.75	19/03/2025		Adjust	Freight Adjust Freight Adjust	175	7/04/2025	7/04/2025	Discount	ADJ COMMENT 403.30.511001		ADVIS	
		770961	22115	599695	30000027453506	1	5348.75	USD	75	7/04/2025	7/04/2025	Invoice Int'l	US1 Business	5348.75	19/03/2025		Adjust	Damaged Good Line Adjustme	75	7/04/2025	7/04/2025	Small amount	adj comment		ADVIS	

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

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[Adjust Receipts](#)

[Download Options](#)

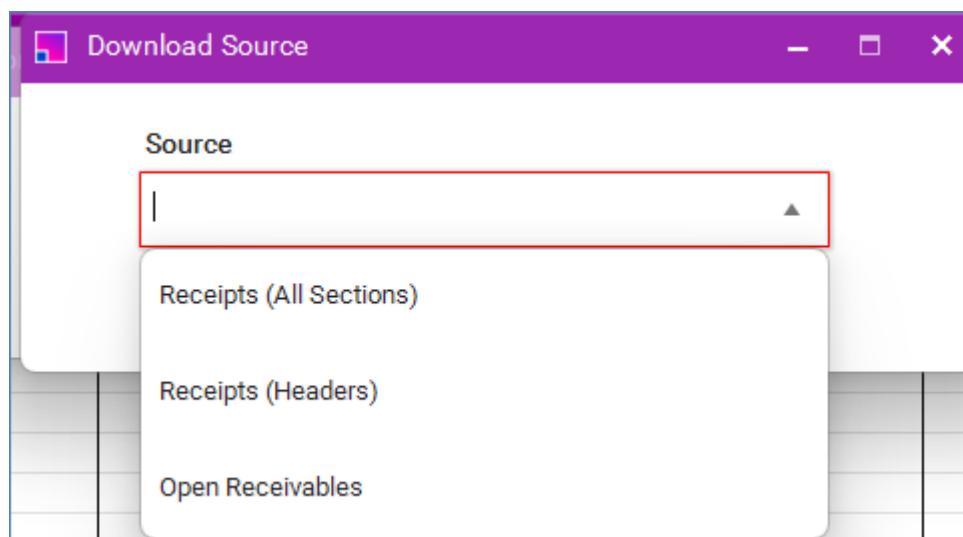
[Descriptive Flexfields](#)

[Receivables Receipts Limitations](#)

## Download Options

When downloading data via the Sheet or via the Form into the Receivables Receipts Integrator you can select from three Sources:

- Receipts (All Sections)
- Receipts (Headers)
- Open Receivables



The 'Receipts (All Sections)' Source will download all available data for the selected Standard or Miscellaneous receipts, e.g. Applications, Adjustments, Reversals, etc.

The 'Receipts (Headers)' Source will download only the 'Receipts' section details, e.g. Applied Amount, Unapplied Amount, Customer data, etc., allowing the user to review receipt balances. This slimline version of the download will also facilitate the creation of Receipt Write Offs, Refunds, etc. as applications data will not be downloaded.

The 'Open Receivables' Source is for Standard receipts only and will download all open Transactions that match the parameters entered.

### Download via Form

When you choose either 'Receipts (Headers)' or 'Receipts (All Sections)' after selecting the Download via Form option, a form with the following fields will open:

Download Form - Receipts (All Sections)

Receipts

Receipt Number	Business Unit
Customer Name	Customer Account Number
Receipt Date From	Receipt Date To
Receipt Method	State
Remittance Bank Account Number	Receipt Currency
Receipt Type	
<input type="button" value="Download"/> <input type="button" value="Close"/>	

You can then enter data into any of the available fields to download the specific data you require.

If you select the 'Open Receivables' option, the following form will open:

Download Form - Open Receivables

Open Receivables

Business Unit	Transaction Currency
Search	Search
Customer Name	Customer Account Number
Search	Search
Application Reference	Transaction Type
Search	Search
Transaction Due Date From	Transaction Due Date To
<input type="button" value="Download"/> <input type="button" value="Close"/>	

You can then use the LOVs against the fields, as required, to select Open Transactions to download. The 'Application Reference' field is used to record the Transaction Number.

However, due to restrictions of the current available architecture, we are not able to tailor the LOV for the Transaction Number field to be restricted by the data entered in the other fields in the form, e.g. Customer Account Number.

This form could currently be useful to download, e.g., transactions for a specified range of Due Dates, a specific Customer, a specific Currency, etc., if you do not know the specific Transaction Number you require.

### Download via Sheet

To use the Download Via Sheet option, you need to enter data into the sheet in one or more of the columns indicated with a small white triangle in row 8 of the sheet as shown below.

Receipts	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Receipts Messages	Receipt Upload Action	Receipt Type	Business Unit	Receipt Method	Receipt Number	Receipt ID	Receivables Activity	Receipt Date	Accounting Date	State

The data downloaded will depend on which Download Source is selected.

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)  
[Adjust Receipts](#)  
[Adjust Transactions](#)  
[Descriptive Flexfields](#)  
[Receivables Receipts Limitations](#)

## Descriptive Flexfields

The Receivables Receipts Integrator includes the ability to upload Context, Global and Regionalization DFFs. However, only the Context & Global DFF fields can be downloaded. The ability to download the Regionalization DFF fields is expected to be available in a later version.

In the DFF form, the field controls may not represent the Data Type of each DFF Attribute for the chosen Context. They will be presented as shortlist LOVs as shown below:



For DFF Attributes with a Data Type of Free Text, a user can type the required value into the available field.

Refer to the [Descriptive Flexfields](#) documentation for more information.

Refer to section:

[Create Receipts](#)  
[Apply Standard Receipts](#)  
[Unapply Transactions](#)  
[Update Manual Standard Receipts](#)  
[Reverse Receipts](#)  
[Adjust Receipts](#)  
[Adjust Transactions](#)  
[Download Options](#)  
[Receivables Receipts Limitations](#)

## Receivables Receipts Limitations

### Download uses a BI Report

In the absence of a suitable Oracle web service, we've implemented a download solution using BI Reports.

The data downloaded through the BI Reports leverages some, but not all, of the access controls used in the Oracle Fusion ERP UI. To ensure only authorized users can access information, administrators manage download access through a profile option.

The download is intended for the following types of users: Users that are restricted by Business Units or Users with Implementer roles.

This download is not designed for users with data access restricted by the "VIEW" access function security.

## Current Functionality

This release provides the functionality to:

- Create Unapplied, Applied, On Account and Unidentified Standard receipts.
- Update a limited number of Customer fields against Standard receipts.
- Unapply Standard receipt applications.
- Create Miscellaneous receipts and associated Reference information.
- Reverse Standard and Miscellaneous receipts
- Create Adjustments against receipts
- Create Adjustments against transactions to which receipts have been applied

## Debit Memo Receipt Reversals

Due to the limitations of the available web services, we are currently unable to process Debit Memo Reversals via the Receivables Receipts Integrator.

## Privileges

Note that while the Fusion UI respects the difference between creating and maintaining receipts, the web services used by this Integrator do not. Should you wish to restrict specific users from creating and applying receipts in one process, an Oracle SR will need to be raised.

## Tax Rate Code

If a Tax Rate Code included in an upload is used in multiple Jurisdictions, this will cause the upload to error. There is currently no solution for this issue.

## Receipt Adjustments

Transactions for the Activities 'Receipt Write Off' and 'Issue Refund' cannot use the Application Upload Action 'Unapply' as there is currently no webservice available for this process.

Refer to section:

[Create Receipts](#)

[Apply Standard Receipts](#)

[Unapply Transactions](#)

[Update Manual Standard Receipts](#)

[Reverse Receipts](#)

[Adjust Receipts](#)

[Adjust Transactions](#)

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## Uploading

Uploading is the process where data has been prepared and is sent to Oracle ERP Cloud. This can be done on selected or all records in a sheet.

**Important** The Receivables Invoices Integrator currently attempts to reupload invoices that have an 'Accepted' status. These uploads will typically fail but care should be taken, when uploading

subsequent times in the same worksheet where Accepted records exist, to use 'Upload Selected' on the records you want to upload to mitigate this situation.

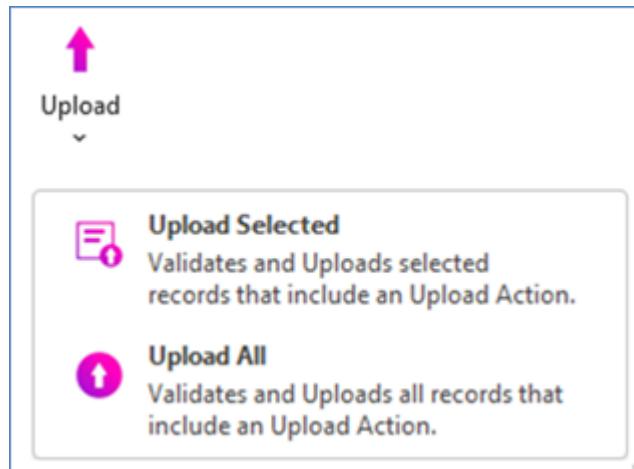
More4apps is currently investigating how this can be improved.

### Upload Selected

Uploads only selected records using the cursor.

### Upload All

Uploads all records with the currently selected sheet.



For more information on uploading refer to the [Upload](#) section in the Add-in documentation.

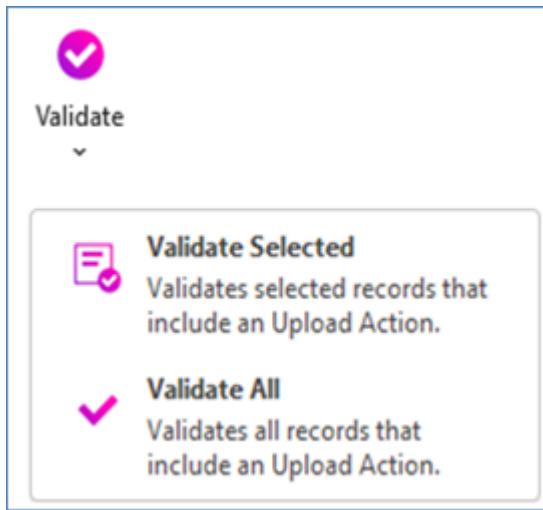
## Error Handling and Validation

There are two levels of validation:

- Spreadsheet Validation - The Data Entry Form validates the data on the selected row using the lists of values, date formats, field lengths and other field level validation.
- Upload Validation - The upload process will perform the spreadsheet validation above as well as the validation within the Oracle API.

Data keyed directly into the worksheet (not via the Data Entry Form) will be validated when it is uploaded. If you wish to check anything before it is uploaded, simply open the form or click on the Validation icon to validate the records. If you have removed or renamed a compulsory column, you will not be able to upload the data.

**Note:** If the error "*API Error: Row <number> has been rejected by Oracle. Due to Oracle limitations, the specified row cannot be identified and no error message has been provided by Oracle.*" is encountered. This infers that there is a data error that is not handled by Oracle's validation. Please review your sheet data. For example, in this case the percent amount for the Header Freight distribution was not entered.



Validate

 **Validate Selected**  
Validates selected records that include an Upload Action.

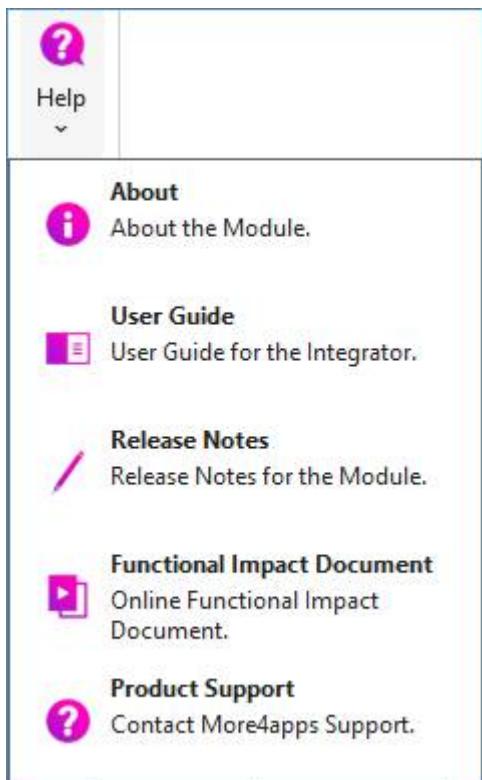
 **Validate All**  
Validates all records that include an Upload Action.

## Performance

Performance can vary depending on many factors such as network latency, number of fields in the sheet and number of records being uploaded or downloaded. For information on possible performance improvements, refer to the documentation [here](#).

## Support

Refer to the troubleshooting section in this document. If you still need further assistance, please raise a support ticket through our helpdesk portal or our website [here](#). Click on the icon 'Help' on the More4apps toolbar for help options.



 Help

 **About**  
About the Module.

 **User Guide**  
User Guide for the Integrator.

 **Release Notes**  
Release Notes for the Module.

 **Functional Impact Document**  
Online Functional Impact Document.

 **Product Support**  
Contact More4apps Support.

## Finance Module Troubleshooting

The following issues relate to unexpected results in Oracle ERP Cloud after uploading using the More4apps Integrators:

Integrator(s)	Issue	Detail
Payables Invoices	Payables Invoice remains unvalidated in Oracle after submitting Invoice Validation from Integrator.	Oracle has applied a system hold.
All	On download you encounter the following exception: "Flurl.Http.FlurlParsingException: Response could not be deserialized to JSON"	<p>Remove any Oracle keywords from your download criteria(s) and reattempt the download. Alternatively, alter your criteria to use a wildcard (%) to ensure the entire keyword is not used.</p> <p>Oracle Keywords include but are not limited to, 'table', 'style' and 'div'.</p> <p>Oracle has confirmed a JDeveloper framework bug (33683557) where any download web service that includes Oracle keywords in its criteria will fail and not return data.</p> <p>If the problem persists after carrying out the suggested steps, please contact More4apps Support.</p>
Customers Asset Additions	The download process in these Integrators uses a BI Report: this process must be enabled by the setting of a specific Profile Option.	<p>To ensure only authorized users can access information, administrators manage download access through a profile option.</p> <p>Failure to correctly set this profile option will result in no records being able to be downloaded.</p> <div style="background-color: #e6f2ff; padding: 5px; margin-top: 10px;">  More4apps - Attention <span style="float: right;">×</span> <p>Sorry, no data matches the criteria provided. Please review your criteria and try again</p> <p style="text-align: right;">OK</p> </div> <p>See the following section for details:  <a href="#">Enabling BI Report Downloads</a></p>

Asset Adjustments	CLEAR functionality on Asset Key	<p>If you attempt to clear the asset key you will get an error like More4Apps Common Exceptions InvalidException: Upload Unhandled Exception-&gt; System.InvalidOperationException: Sequence contains no elements</p> <p>This is an Oracle issue which is with them to fix.</p>
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