

# IMan × Sage Intacct User Guide

# INTACCT SETUP

This page describes the various Intacct setup and security considerations. The setup consists of:

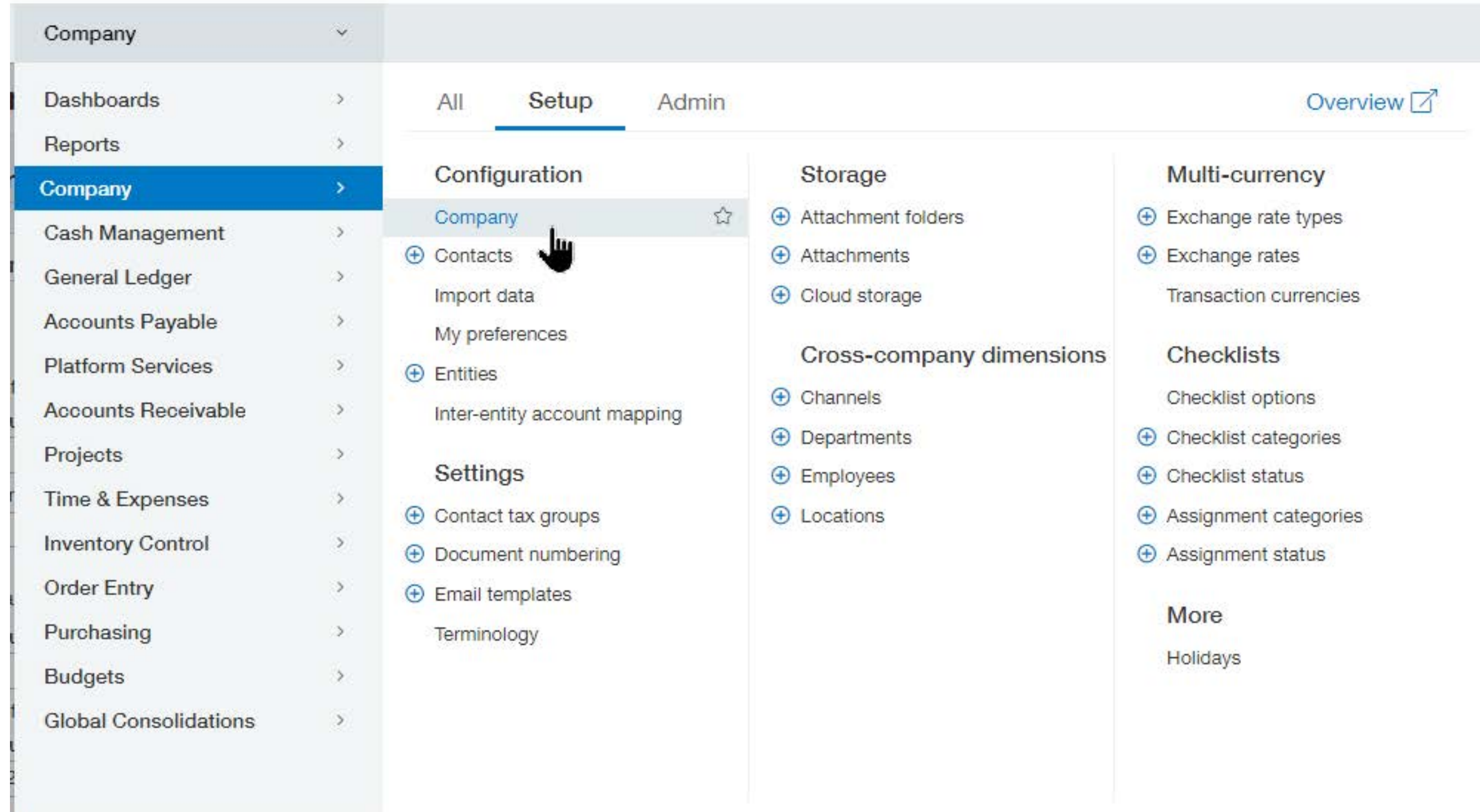
- » [ADD REALISABLE WEB SERVICES AUTHORISATION](#)
- » [WEBSERVICE USER SETUP](#)

Once the Intacct setup is complete continue to the [IMAN SYSTEM CONNECTOR SETUP](#).

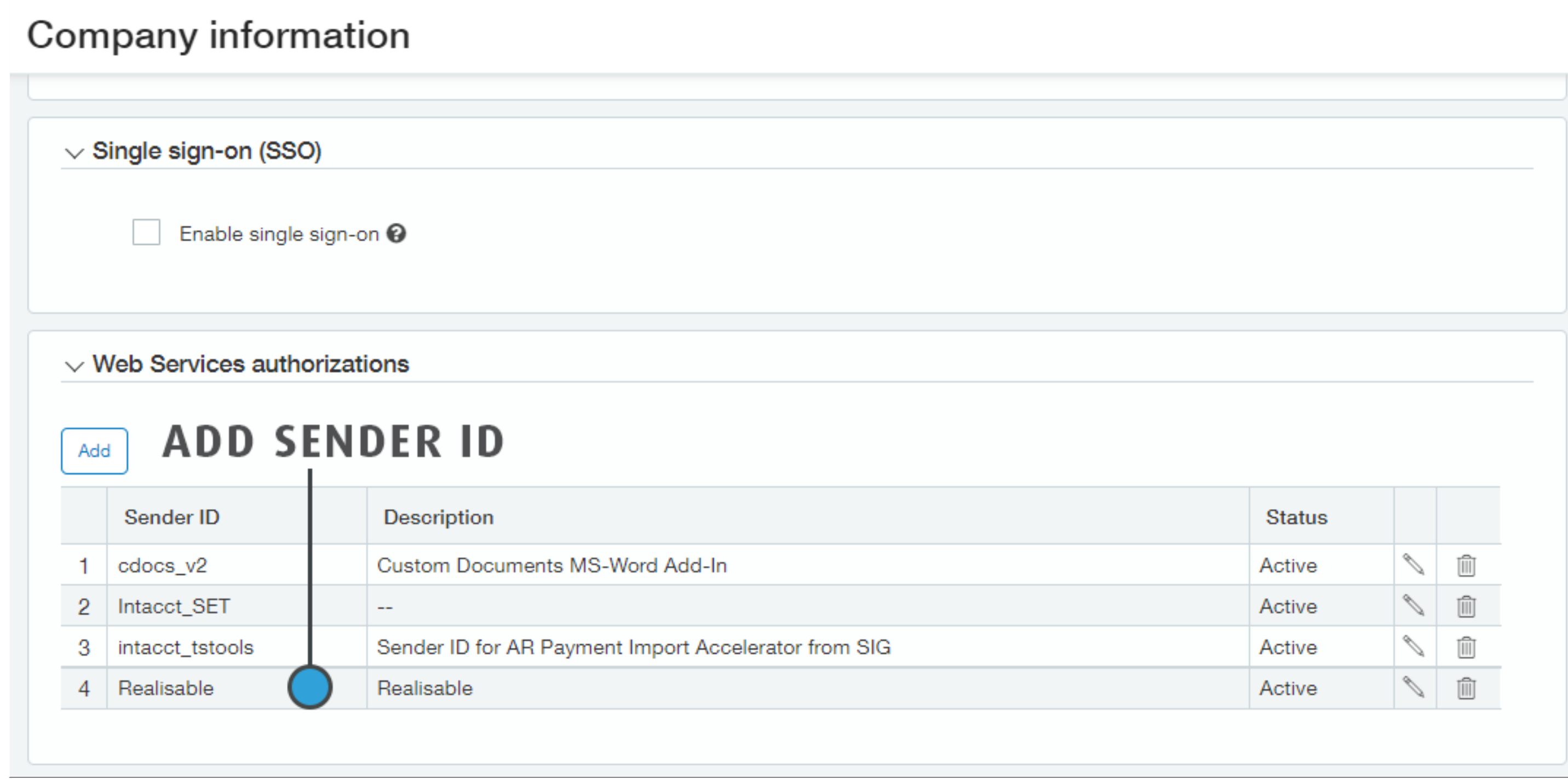
## ADD REALISABLE WEB SERVICES AUTHORISATION

This allows the 'Realisable' application to connect with your Intacct instance.

1. Login to Sage Intacct and go Company, Configuration, Company.



2. Click on the Security tab and scroll towards the bottom of the screen until you see the Web Services Authorisation section.
3. Add the 'Realisable' sender id as shown.

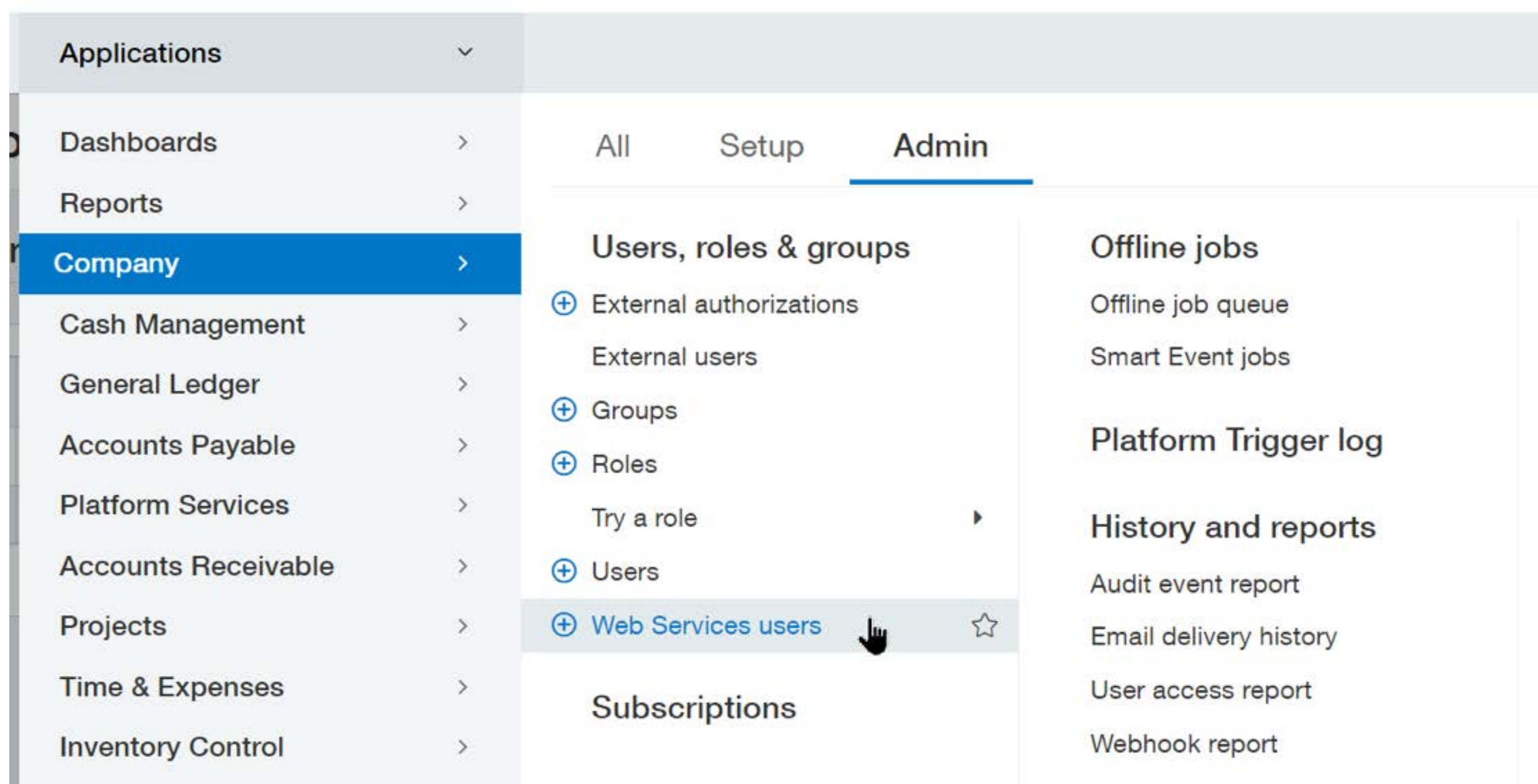


## WEBSERVICE USER SETUP

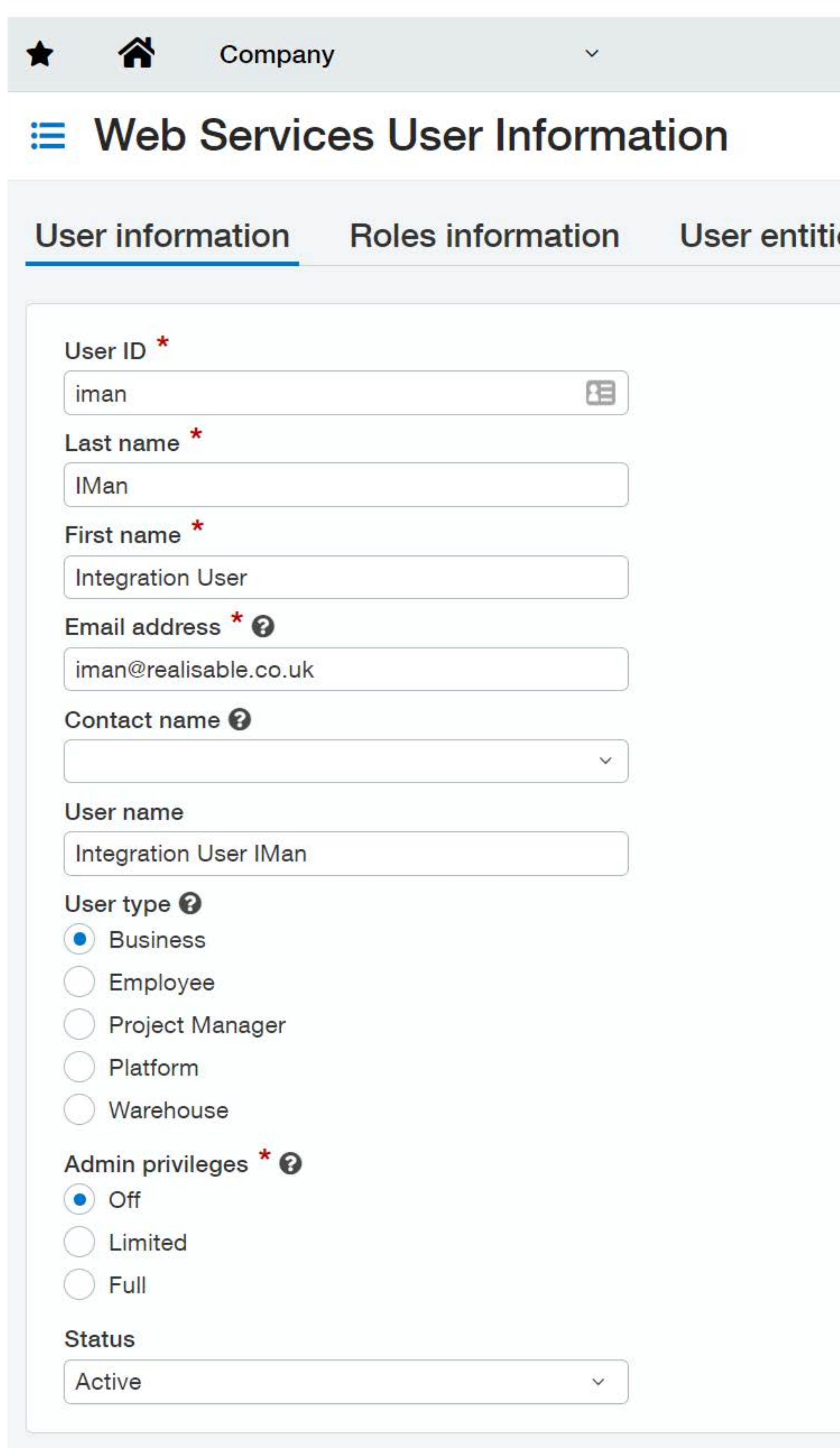
IMan also requires a webservice user to connect to Intacct (it is also possible to integrate using a standard user, but is not recommended).

To create a webservice user:

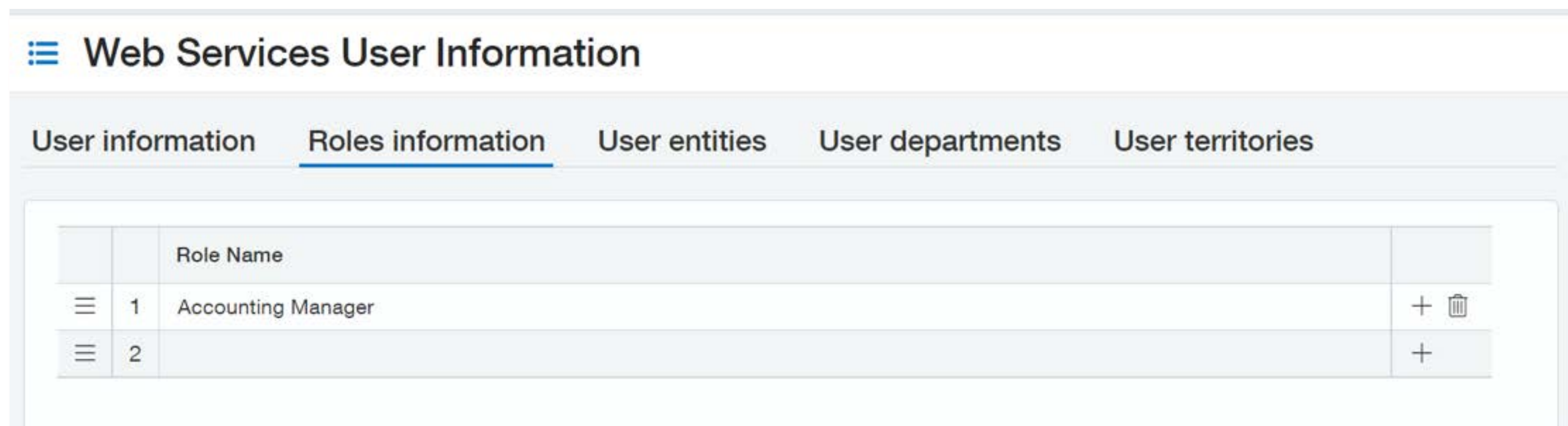
1. Login to Sage Intacct and go Company, Admin, Web Services users.



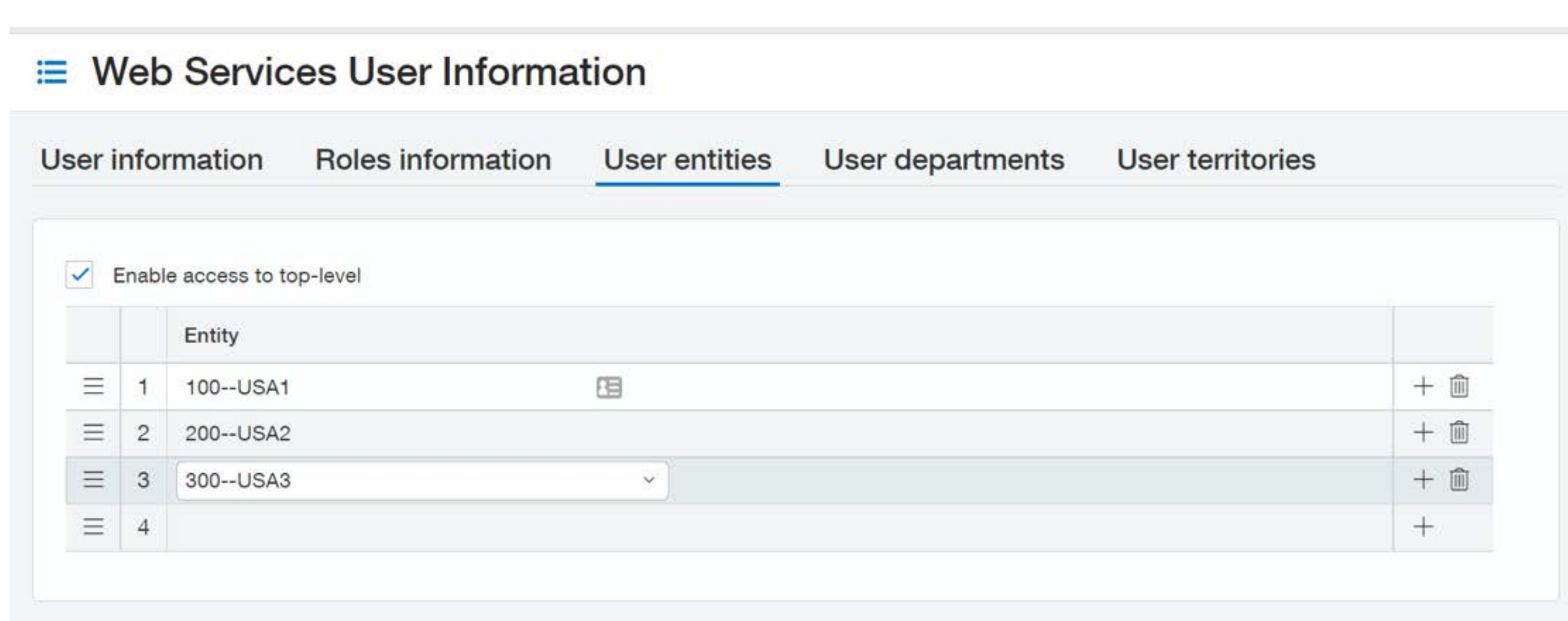
2. Enter the details on the User Info screen. The following considerations should be made:



- » The email address should be valid it will need to receive the password.
  - » The user should not be setup with Admin privileges (unless absolutely necessary).
3. Add the necessary roles which allow the Webservice user the necessary access for the integration.



4. Add the allowed entities the webservice user will need access to.



5. Save the user.

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- IMAN SETUP
- READING AND QUERYING DATA
- WRITING DATA
- FILTER QUERY DATA
- INTACCT LOOKUP

# IMAN SYSTEM CONNECTOR SETUP

[INTACCT SETUP](#)

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[IMAN SETUP](#)

Credentials to Intacct are defined through the System Connector setup.

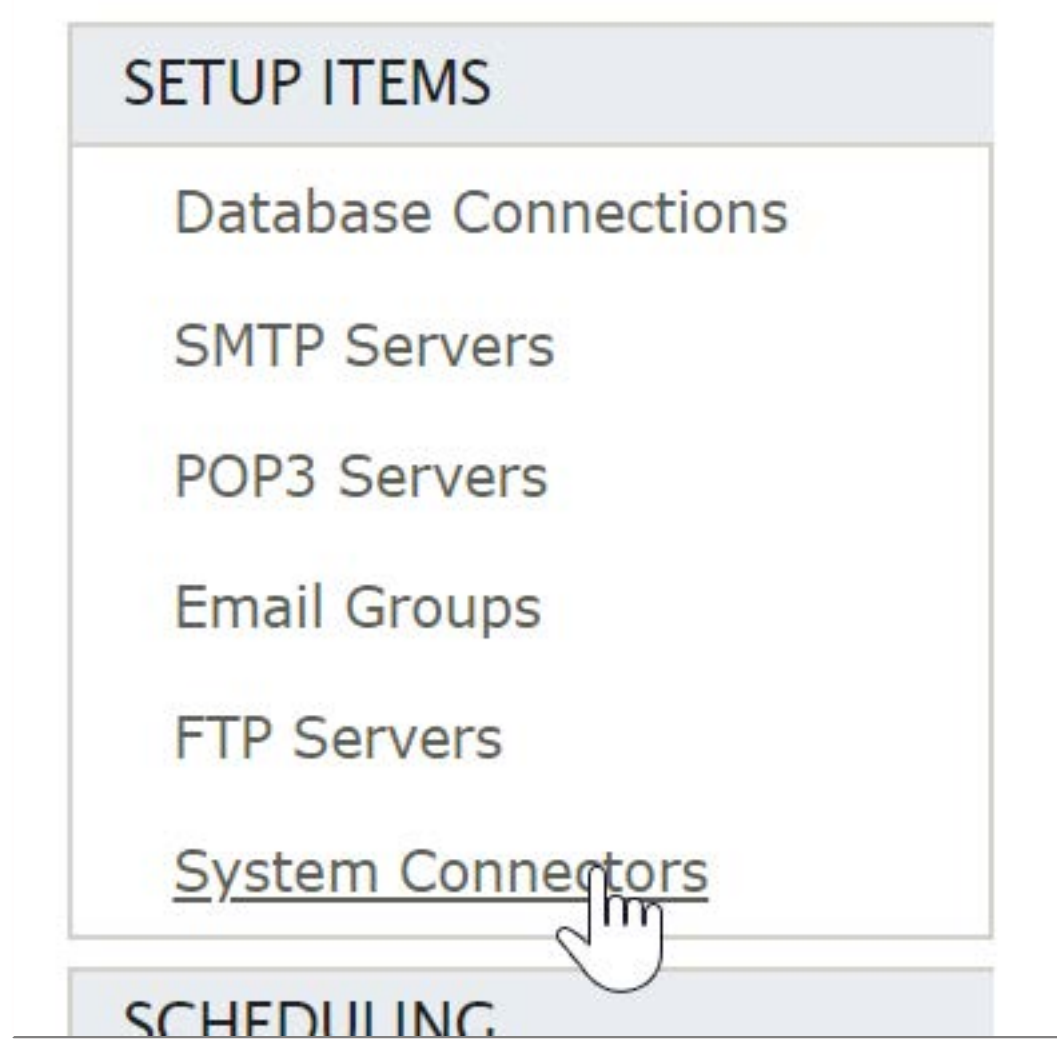
## LOCATION/ENTITY HANDLING

Each location and/or top-level needing to be integrated will require a separate system connector.

## SYSTEM CONNECTOR SETUP

The System Connector will hold the remaining part of the Salesforce setup.

1. Log into IMan and go to the Setup tab, and click on the System Connector setup menu option.



2. Add a new connector and fill out the relative fields.

### SYSTEM CONNECTORS

System ID:	<input type="text" value="INTACCT100"/>
System Type	<input style="border-bottom: 1px solid #ccc;" type="text" value="Intacct"/>
Version	<input style="border-bottom: 1px solid #ccc;" type="text"/>
Version Comment	
Description:	<input type="text" value="Sage Intacct - Location 100"/>
Connection String:	<input type="text" value="Location=100"/>
Username:	<input type="text" value="emma"/>
Password:	<input type="password" value="....."/>
	<input type="checkbox"/> Show Password
Company Id:	<input type="text" value="Realisable-MPP-DEV"/>
Authorisation Id:	<input type="text"/>

- a. System ID
  - Can be any non-blank value.
- b. System Type
  - Select Salesforce from the drop down. If Salesforce is not present in the drop down, try:
    - Restarting the IMan IIS application pool.
    - If Salesforce still isn't shown in the drop down check \IMan\Debug\CustomAddinLoadLog.log for any errors or messages.
- c. Description
  - A description for the connection.
- d. Connection String
  - The Connection string is key=value set of pairs where each key/value pair is separated by semi-colons.
  - If integrating with the top-level location, this can be left empty.  
If connecting to a specific location, the Connection String will specify the location in a key/value pair e.g. Location=100
  - For debug purposes tracing can be enabled to write out the outgoing calls and responses made from IMan to Intacct:
    - Trace=True  
To enable tracing.
    - Trace=False  
To disable tracing or remove the value altogether.
  - The resulting trace file will be written to: \IMan\Debug\Intacct.log
- e. Username
  - The Intacct user.
- f. Password
  - The password corresponding to the Intacct user.
- g. Company Id
  - Enter the Company ID used to login.

Don't Get Lost: [IMan Guides](#) » [Sage Intacct User Guide](#) » [Reading And Querying Data](#)

# INTACCT READER

The Intacct Reader provides the ability to extract data from/query Intacct.

The Intacct reader is 100% meta data based meaning it queries your Intacct company to build the available objects entities and fields which can be queried.

Key features provided by the Intacct Reader:

- » Custom Object and Custom Field support.
- » Dynamic querying of metadata, allowing you to query any Intacct record.
- » All data returned by the Intacct Reader is flat - parent/child relationships are not supported.
- » Ability to filter records using a simple query expression.

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[READING AND QUERYING DATA](#)

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[FILTER QUERY DATA](#)

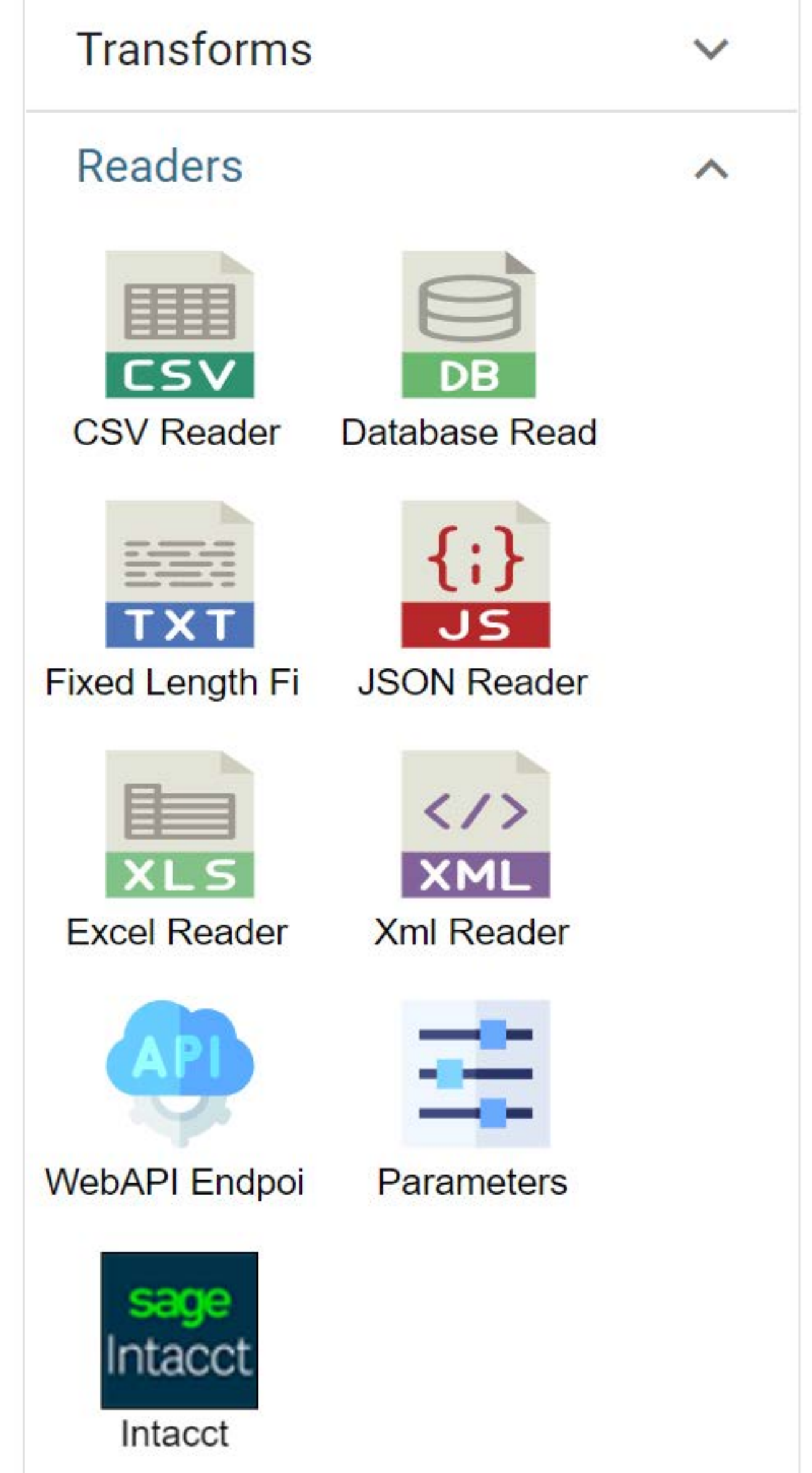
[INTACCT LOOKUP](#)

## JUMP TO

1. [FILE LAYOUT TAB](#)
2. [FIELD MAPPING TAB](#)

## READER SETUP

The Intacct Reader is found in the Readers group of the design palette on the left hand side of the Transform Setup tab. To add it to the job, click & drag it onto the design area on to the right hand side.



## FILE LAYOUT TAB

### SELECT SYSTEM

Select the Intacct [IMAN SYSTEM CONNECTOR SETUP](#) you wish to query data.

OPTIONS
FIELD MAPPING
AUDIT

**Transform Id**

Transform ids cannot contain the characters (&<>?\*!).

**Description**

**Select Intacct System**

Realisable Ltd. - Top Level

Realisable Ltd. - Top Level  
 Realisable Ltd. - Location 100  
AP Bill Detail

**Filter Records Expression**

**REQUIRED: when created/updated in the last: (1d, .5d, 30m etc.)**

After selecting the desired system connectors press the Refresh button to refresh the Export Entity drop down.

This may take anything up to 20-30 seconds to complete.

### MULTIPLE INTACCT INSTANCES

Multiple Intacct instances can be queried as part of a single Read operation. This allows you retrieve data from these multiple instances (or entities) using the same Reader Options (Filter, etc).

### READER OPTIONS

**Export Entity**

AP Bill Detail

**Filter Records Expression**

**REQUIRED: when created/updated in the last: (1d, .5d, 30m etc.)**

**Please type 'modified' if you need data based on modified date. By default data retrieved based on created date.**

### EXPORT ENTITY

All entities where the Intacct user (as specified by the System Connector) has access to the object are listed in this drop down. This drop down denotes the top level entity to query.

### FILTER RECORDS STATEMENT

This is the statement used to filter the result set. See [FILTERING RECORDS](#) for the syntax.

### REQUIRED: WHEN CREATED/UPDATED (DESIGN ONLY)

When working in the designer this allows you to specify what date range of records to retrieve. For example:

- » 2d - last 2 days
- » 30m - last 30 minutes

It is important to note this is combined with the Filter and modify/create status (below) options.

When the integration is run from the scheduler this value is ignored, and the [READER LAST RUN DATE](#) is used.

### QUERY USING MODIFY/CREATE

This option controls whether the reader will query using the records created date or last modified date.

By default i.e. empty the reader will use the create date as a parameter in the query. I.e. Any records created on or after the date will be returned.

If modified is entered into this option, the reader will query records using the records last modified date.

### PREVIEW AREA

At any time the preview area may be refreshed. Nested records can be expanded by clicking the expand arrow against the record.

## FIELD MAPPING TAB

The field mapping tab allows you to select which fields to include in the resultant dataset.

**Entity**

APBILLITEM

Select the transaction id to edit.

**Parent Entity**

	FIELD NAME	IMPORT	TYPE
▶	RECORDNO	True	Integer
	RECORDKEY	True	Integer
	ACCOUNTKEY	True	Integer
	ACCOUNTNO	True	Text
	OFFSETACCOUNTKEY	True	Integer
	OFFSETGLACCOUNTNO	True	Text
	OFFSETGLACCOUNTTITLE	True	Text
	ACCOUNTTITLE	True	Text
	ACCOUNTLABELKEY	True	Integer
	ACCOUNTLABEL	True	Text
	PRENTRYOFFSETACCOUNTNO	True	Text
	ENTRY_DATE	True	Date/Time
	AMOUNT	True	Text
	TRX_AMOUNT	True	Text
	DEPARTMENTID	True	Text

🖋️ 1 2 3 4 5 6

### ENTITY

All data returned from Intacct will be in a flat form. Therefore the entity drop down will only ever have the top-level entity.

### PARENT ENTITY

Will also be blank.

### GRID EDIT BUTTON

Click to change the grid into edit mode.

	FIELD NAME	IMPORT	TYPE
▶	RECORDNO	<input checked="" type="checkbox"/>	Integer <input type="text" value="Integer"/>
	RECORDKEY	<input checked="" type="checkbox"/>	Integer <input type="text" value="Integer"/>
	ACCOUNTKEY	<input checked="" type="checkbox"/>	Integer <input type="text" value="Integer"/>
	ACCOUNTNO	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	OFFSETACCOUNTKEY	<input checked="" type="checkbox"/>	Integer <input type="text" value="Integer"/>
	OFFSETGLACCOUNTNO	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	OFFSETGLACCOUNTTITLE	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	ACCOUNTTITLE	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	ACCOUNTLABELKEY	<input checked="" type="checkbox"/>	Integer <input type="text" value="Integer"/>
	ACCOUNTLABEL	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	PRENTRYOFFSETACCOUNTNO	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	ENTRY_DATE	<input checked="" type="checkbox"/>	Date/Time <input type="text" value="Date/Time"/>
	AMOUNT	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	TRX_AMOUNT	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>
	DEPARTMENTID	<input checked="" type="checkbox"/>	Text <input type="text" value="Text"/>

✅ ❌ 1 2 3 4 5 6

When in edit mode selecting/deselecting the Import field will include/exclude the field from the resultant dataset.

# READER LAST RUN DATE

[READING AND QUERYING DATA](#)

[LAST RUN DATE](#)

## RUNNING FROM A SCHEDULE

IMan maintains a lookup table to keep track of the last date of any query made with the Intacct Reader.

When an Intacct Reader successfully completes a record in this table is either updated or added.

The record's key is a combination of three values:

- » Transform Hash - This is an unique, non-changing, hidden value assigned to the Intacct Reader's transform.
- » System ID - The System Connector ID of the particular reader. Individual records will be created for each connector selector on the Reader.
- » Intacct Entity - The Intacct Entity being queried.

## LOOKUP TABLE MAINTENANCE

Intact Last Run Date

	ID	DESCRIPTION	LAST RUN DATE
*			
▶	HTAQ-Intacct100-ARINVOICE	Last download Date/Time for [ARINVOICE] for system [Intacct100] on Transform Hash [HTAQ]	2022-10-24
	KQHQ-Intacct-APBILLITEM	Last download Date/Time for [APBILLITEM] for system [Intacct] on Transform Hash [KQHQ]	2022-10-25



### RESETTING THE LAST DATE/TIME

From time-to-time the Intacct Reader will successfully connect and query Intacct recorders, but an error further in the integration processing prevent either some or all records being integrated.

To allow the records to be re-processed the last run date can be reset to a value in the past in conjunction with the matching the parameters from the reader screen modified after that date.

### PREVENTING RECORD DUPLICATION

Since only the date is recorded, the Intacct Reader will read the same the data if an integration is run more than once on a given day.

If the data is sensitive where duplication may occur (typically transaction type data) a filter transform should be used to query the destination (using a lookup of some sort) and determine if record already exists, and filtering the record from being integrated.



Don't Get Lost: [IMan Guides](#) > [Sage Intacct User Guide](#) > Writing Data

# WRITING TO INTACCT

## INTRODUCTION & CONCEPTS

The Intacct connector provides the capability to write data to Intacct. The connector supports the following write capabilities:

- » Ability to create new records (insert) and to update existing records (update).
- » Can create/update flat datasets e.g. Customers and Vendors.
- » Can create/update hierarchical datasets e.g. Sales Orders and Invoices.
- » Ability to integrate with multiple Sage Intacct entities through the `SYS.SYSCONNECTID` FIELD
- » A static set of `SAGE INTACCT IMPORT REFERENCE`

## INSERT/UPDATING INTACCT RECORDS

The Intacct connector supports Insert and Update operations.

The insert/update logic used in the Intacct connector is per other connectors. Further information can be found on [PUSH CONNECTOR > OPTIONS TAB](#).

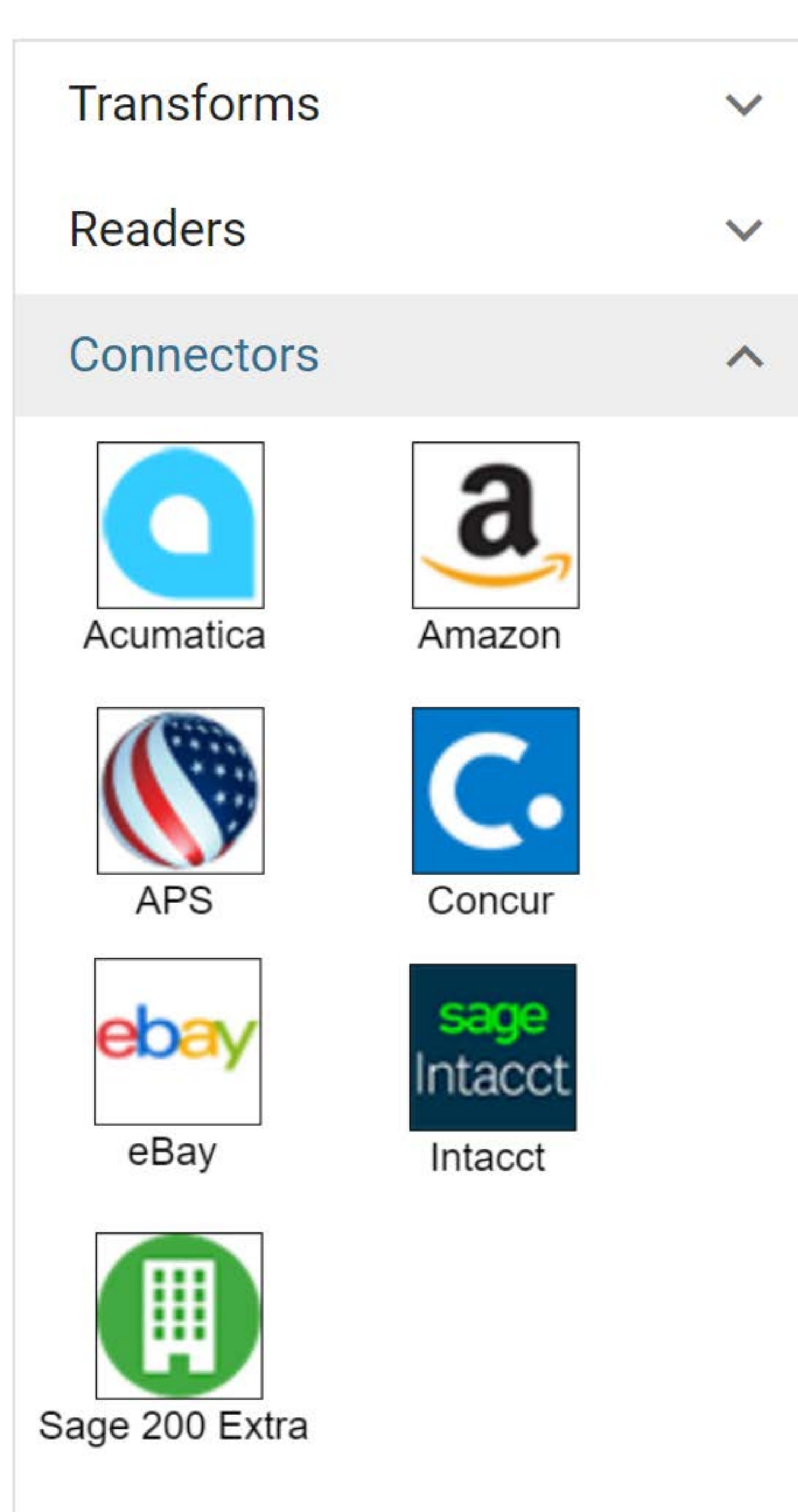
An object will attempt to be updated by the mapping of a valid Object or External ID field (as described in [IDENTIFIER FIELD HANDLING](#)).

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## CONNECTOR SETUP & USE

The Intacct Connector is found in the Connectors group of the design palette on the left hand side of the Transform Setup tab.

To add it to the integration, click & drag it onto the design area on to the right hand side.



### OPTIONS TAB

Select the Intacct System you wish to integrate with from the drop down. Once selected the Entity drop down will be populated with all the entities the connector current has capability to write to.

The selected item represents the top-most object to be inserted/updated. For example, to create Sales Orders with Line Items, select SODOCUMENT from this list, as the Line Items are a child.

If you only have a single Intacct System defined you may need to press Refresh to populate the drop down.

### Transform Id

IntacctConnector

Transform Ids cannot contain the characters (&<>?\*!).

### Description

### Priority

2

### Select Intacct System

Realisable Ltd. - Top Level

### Intacct Import Type

- ARINVOICE
- ARINVOICE
- APBILL
- CUSTOMER
- VENDOR
- SODOCUMENT

## INTACCT ENTITIES

Select the relevant Update Operation (see section above).

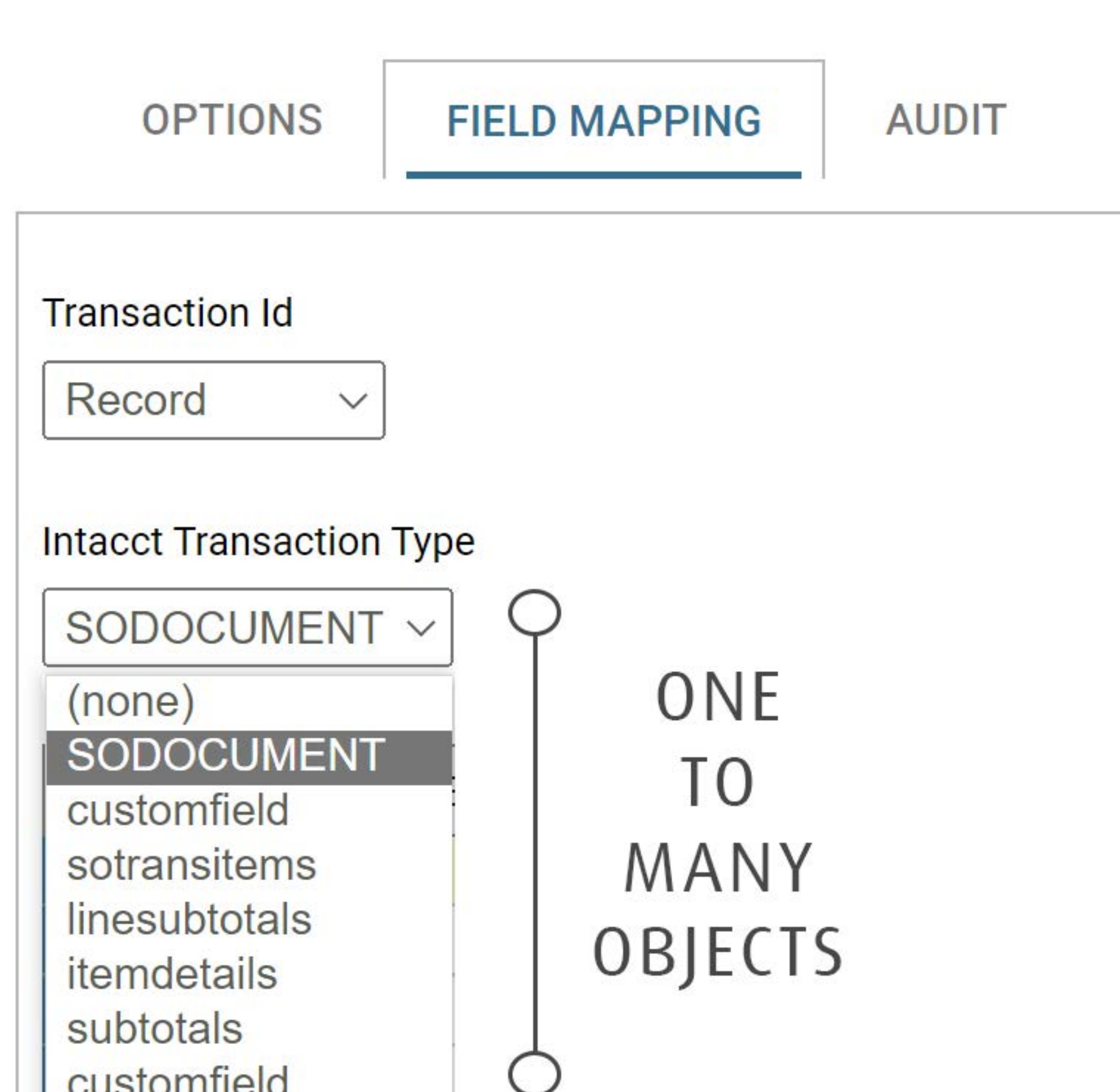
### FIELD MAPPING TAB

The field mapping defines how the data in IMan is mapped to the objects in Intacct, where the mapping process follows the [PUSH CONNECTOR > FIELD MAPPING](#) guide.

### INTACCT TRANSACTION TYPE

The first item in the Transaction Type drop down is the primary Object selected on the Options tab.

The subsequent items in the list are the objects with one-to-many relationships with the primary object.



### FIELD MAPPING

The fields listed in the field drop down are only those where the connector has the capability to write to.

### Transaction Id

Record

### Intacct Transaction Type

SODOCUMENT

## MAP TO INTEGRATE TO MULTIPLE ENTITIES

	FIELD NAME	TYPE	LOG KEY	INTACCT FIELD
▶	id	Text	0	
	transactiontype	Text	0	SYS.SYSCONNECTID
	datecreated	Text	0	transactiontype docid
	customerid	Text	0	dateposted createdfrom customerid
	documentno	Text	0	documentno
	origdocdate	Text	0	origdocdate
	referenceno	Text	0	referenceno
	termname	Text	0	termname
	datedue	Text	0	datedue
	message	Text	0	message
	shippingmethod	Text	0	shippingmethod
	shipto/contactname	Text	0	externalid basecurr currency exchratedate
	billto/contactname	Text	0	
	basecurr	Text	0	
	currency	Text	0	

1 2

### SYS.SYSCONNECTID FIELD

The topmost view of each import type includes a field 'SYS.SYSCONNECTID'. The field allows you to dynamically specify the system id (which then maps onto a Sage Intacct Entity) to import the data to.

This field allows data to be imported to multiple Sage Intacct entities without having to setup individual connector transforms.

When this field is set, the System Id on the Options tab of the Sage Intacct connector setup is used as the company for querying metadata, but is not used during the actual import.

Don't Get Lost: [IMan Guides](#) » [Sage Intacct User Guide](#) » [Writing Data](#) » Import Reference

# SAGE INTACCT IMPORT REFERENCE

The connector presently supports the ability to integrate with different modules within Sage Intacct.

» [ACCOUNTS PAYABLE](#)

» [ACCOUNTS RECEIVABLE](#)

» [INVENTORY CONTROL](#)

» [ORDER ENTRY](#)

» [PURCHASING](#)

## IMPORT REFERENCE AND INTACCT API

The documentation of each integration point should be used in conjunction with the linked API article from the Sage Intacct API reference.

## DATE FIELD HANDLING

Conversion of date fields to the form required by Intacct is handled by the connector - as long as the date values are valid in IMan.

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# ACCOUNTS PAYABLE

This page describes the integration points for Accounts Payable supported by the connector.

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- » [AP PAYMENT](#)
- » [VENDOR](#)

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## AP BILL

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Create A/P Bills and Credit Notes

### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-PAYABLE/BILLS/#CREATE-BILL](https://developer.intacct.com/api/accounts-payable/bills/#create-bill)

### UPDATE

Insert Only

### CREATING AN INVOICE OR CREDIT NOTE

To create an invoice or credit note set the following fields:

#### DOCUMENT HEADER

- » Vendor
- » RecordId - The document number.
- » WhenCreated, WhenPosted - The two key dates.

#### INVOICE DETAIL/ALLOCATION

- » AccountNo - The GL Account Number.
- » Trx\_Amount - The line amount.

#### WRITEBACK FIELDS

invoiceno	Invoice Number
recordno	Record Number/Id.

## AP PAYMENT

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Create A/P Payments where the payment is applied to a single document.

### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-PAYABLE/AP-PAYMENTS/](https://developer.intacct.com/api/accounts-payable/ap-payments/)

### UPDATE

Insert Only

### CREATING A PAYMENT AGAINST A DOCUMENT

To create a payment against a document set the following fields:

#### DOCUMENT HEADER

- » FinancialEntity - The bank code.
- » PaymentMethod - Cash, Check, etc.
- » Vendor
- » PaymentDate

#### PAYMENT DETAIL/ALLOCATION

- » RecordKey - The document wishing to be allocated/paid.
- » Trx\_PaymentAmount - The amount wishing to be allocated/paid.

#### WRITEBACK FIELDS

RECORDNO	The auto generated payment number.
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## VENDOR

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### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-PAYABLE/VENDORS/](https://developer.intacct.com/api/accounts-payable/vendors/)

### VIEWS/RECORD TYPES SUPPORTED

All

### UPDATE

Insert/Update

A new Vendor record will be created if the value mapped to the vendor id field does not exist, otherwise the existing record will be updated.

### CONTACT HANDLING

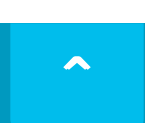
#### DISPLAY CONTACT

The primary contact/address fields are displayed with DisplayContact prefixed to the contact field.

- DISPLAYCONTACT\_CONTACTNAME
  - DISPLAYCONTACT\_COMPANYNAME
  - DISPLAYCONTACT\_TAXABLE
  - DISPLAYCONTACT\_TAXGROUP
  - DISPLAYCONTACT\_PREFIX
  - DISPLAYCONTACT\_FIRSTNAME
  - DISPLAYCONTACT\_LASTNAME
  - DISPLAYCONTACT\_INITIAL
  - DISPLAYCONTACT\_TAXSCHEDULE
  - DISPLAYCONTACT\_TAXSOLUTIONID
  - DISPLAYCONTACT\_OPTIONAL
  - DISPLAYCONTACT\_PHONE2
  - DISPLAYCONTACT\_CELLPHONE
  - DISPLAYCONTACT\_PAGER
  - DISPLAYCONTACT\_FAX
  - DISPLAYCONTACT\_EMAIL1
  - DISPLAYCONTACT\_EMAIL2
  - DISPLAYCONTACT\_URL1
  - DISPLAYCONTACT\_URL2
  - DISPLAYCONTACT\_ADDRESS1

#### CONTACTINFO, PAYTO, RETURNTO CONTACT

The ContactInfo, PayTo and ReturnTo contact fields are displayed towards the bottom of the list.



# ACCOUNTS RECEIVABLE

This page describes the integration points for Accounts Receivable supported by the connector.

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- » [AR ADVANCE](#)
- » [AR PAYMENT](#)
- » [CUSTOMER](#)

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## AR INVOICE

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Create A/R Invoices and Credit Notes

### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-RECEIVABLE/INVOICES/#CREATE-INVOICE-LEGACY](https://developer.intacct.com/api/accounts-receivable/invoices/#create-invoice-legacy)

### UPDATE

Insert Only

### CREATING AN INVOICE OR CREDIT NOTE

To create an invoice or credit note set the following fields:

#### DOCUMENT HEADER

- » Customer
- » RecordId - The document number.
- » WhenCreated, WhenPosted - The two key dates.

#### INVOICE DETAIL/ALLOCATION

- » AccountNo - The GL Account Number.
- » Trx\_Amount - The line amount.

#### WRITEBACK FIELDS

invoiceno	Invoice Number
recordno	Record Number/Id.

## AR ADVANCE

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Creates an AR Advance (a prepayment/unallocated cash) against a customer.

### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-RECEIVABLE/AR-ADVANCES/#CREATE-AR-ADVANCE](https://developer.intacct.com/api/accounts-receivable/ar-advances/#create-ar-advance)

### UPDATE

Insert Only

### CREATING AN AR ADVANCE

To simplify the mapping the current implementation permits only to post the payment to a single account.

To create an AR Advance against a document set the following fields:

- » FinancialEntity - The bank code.
- » PaymentMethod - Cash, Check, etc.
- » Customer
- » ReceiptDate, PaymentDate
- » AccountNo - This is the GL Account to post the other side of the transaction.
- » Trx\_Amount - The transaction amount.

#### WRITEBACK FIELDS

RECORDNO	The auto generated payment number.
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## AR PAYMENT

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Create A/R Payment where the payment is applied to one or more documents.

### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-RECEIVABLE/AR-PAYMENTS/#CREATE-AR-PAYMENT](https://developer.intacct.com/api/accounts-receivable/ar-payments/#create-ar-payment)

### UPDATE

Insert Only

### CREATING A PAYMENT AGAINST A DOCUMENT

To create a payment against a document set the following fields:

#### DOCUMENT HEADER

- » FinancialEntity - The bank code.
- » PaymentMethod - Cash, Check, etc.
- » Customer
- » PaymentDate

#### PAYMENT DETAIL/ALLOCATION

- » RecordKey - The document wishing to be allocated/paid.
- » Trx\_PaymentAmount - The amount wishing to be allocated/paid.

#### WRITEBACK FIELDS

RECORDNO	The auto generated payment number.
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## CUSTOMER

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### INTACCT API RESOURCE

[HTTPS://DEVELOPER.INTACCT.COM/API/ACCOUNTS-RECEIVABLE/CUSTOMERS/#CREATE-CUSTOMER](https://developer.intacct.com/api/accounts-receivable/customers/#create-customer)

### VIEWS/RECORD TYPES SUPPORTED

All

### UPDATE

Insert/Update

A new Customer record will be created if the value mapped to the customer id field does not exist, otherwise the existing record will be updated.

### CONTACT HANDLING

#### DISPLAY CONTACT

The primary contact/address fields are displayed with DisplayContact prefixed to the contact field.

DISPLAYCONTACT_CONTACTNAME
DISPLAYCONTACT_COMPANYNAME
DISPLAYCONTACT_TAXABLE
DISPLAYCONTACT_TAXGROUP
DISPLAYCONTACT_PREFIX
DISPLAYCONTACT_FIRSTNAME
DISPLAYCONTACT_LASTNAME
DISPLAYCONTACT_INITIAL
DISPLAYCONTACT_TAXSCHEDULE
DISPLAYCONTACT_TAXSOLUTIONID
DISPLAYCONTACT_OPTIONAL
DISPLAYCONTACT_PHONE2
DISPLAYCONTACT_CELLPHONE
DISPLAYCONTACT_PAGER
DISPLAYCONTACT_FAX
DISPLAYCONTACT_EMAIL1
DISPLAYCONTACT_EMAIL2
DISPLAYCONTACT_URL1
DISPLAYCONTACT_URL2
DISPLAYCONTACT_ADDRESS1

#### CONTACTINFO, BILLTO, SHIPTO CONTACTS

The ContactInfo, BillTo and ShipTo contact fields are displayed towards the bottom of the list.

# INVENTORY CONTROL

This page describes the integration points for Inventory Control supported by the connector.

» [STOCK ITEMS](#)

## STOCK ITEMS

[BACK TO TOP](#)

Create and update stock items and child records.

### INTACCT API RESOURCE

[ITEMS](#)

#### UPDATE

Insert/Update

A new Stock Item record will be created if the value mapped to the Item Id field does not exist, otherwise the existing record will be updated.

#### CREATING A STOCK ITEM

To create an invoice or credit note set the following fields:

- » [ItemId](#) - The Item Code/SKU
- » [Name](#)
- » [ItemType](#) - Inventory, Non-Inventory, etc.
- » [CostMethod](#) - Standard, Average, LIFO, FIFO

#### CHILD RECORDS

This describes each of the children to the primary item and how to set the various fields.

#### WAREHOUSE INFO

Allows you to associate an item with one or more warehouses.

To associate a location set:

- » [WarehouseId](#) - The landed cost method.
- » [Qty Fields](#) - Various levels used for replenishment purposes.
- » [Warehouse Vendor Entities](#) - It is possible to set the Warehouse Vendor entities as a child to the Warehouse.

#### VENDOR INFO

Associate one or more vendors to the item for replenishment and purchasing purposes.

To associate a Vendor set:

- » [VendorId](#) - The Vendor Id.
- » [StockNo](#) - The Vendor Part Code/Item No

#### ITEM TAX GROUP MAPS

Provide the ability to associate the item with one or more tax groups.

To associate the item set the TaxGroup ID or Name fields.

#### LANDED COST INFO

Specifies how landed cost will be determined.

To specify a landing cost method set:

- » [Method](#) - The landed cost method.
- » [Value](#) - The value associated.
- » [Enabled](#) - Set to True (or false to disable when updating an existing record).

#### WRITING DATA

[IMPORT REFERENCE](#)

[ACCOUNTS PAYABLE](#)

[ACCOUNTS RECEIVABLE](#)

[INVENTORY CONTROL](#)

[ORDER ENTRY TRANSACTIONS](#)

[PURCHASING TRANSACTIONS](#)



# ORDER ENTRY

This page describes how to create or update Order Entry Transactions.

## OE TRANSACTIONS

[BACK TO TOP](#)

Creates or Updates O/E Transactions including Quotes, Order, Shipper, Invoices and Credit Notes.

### INTACCT API RESOURCE

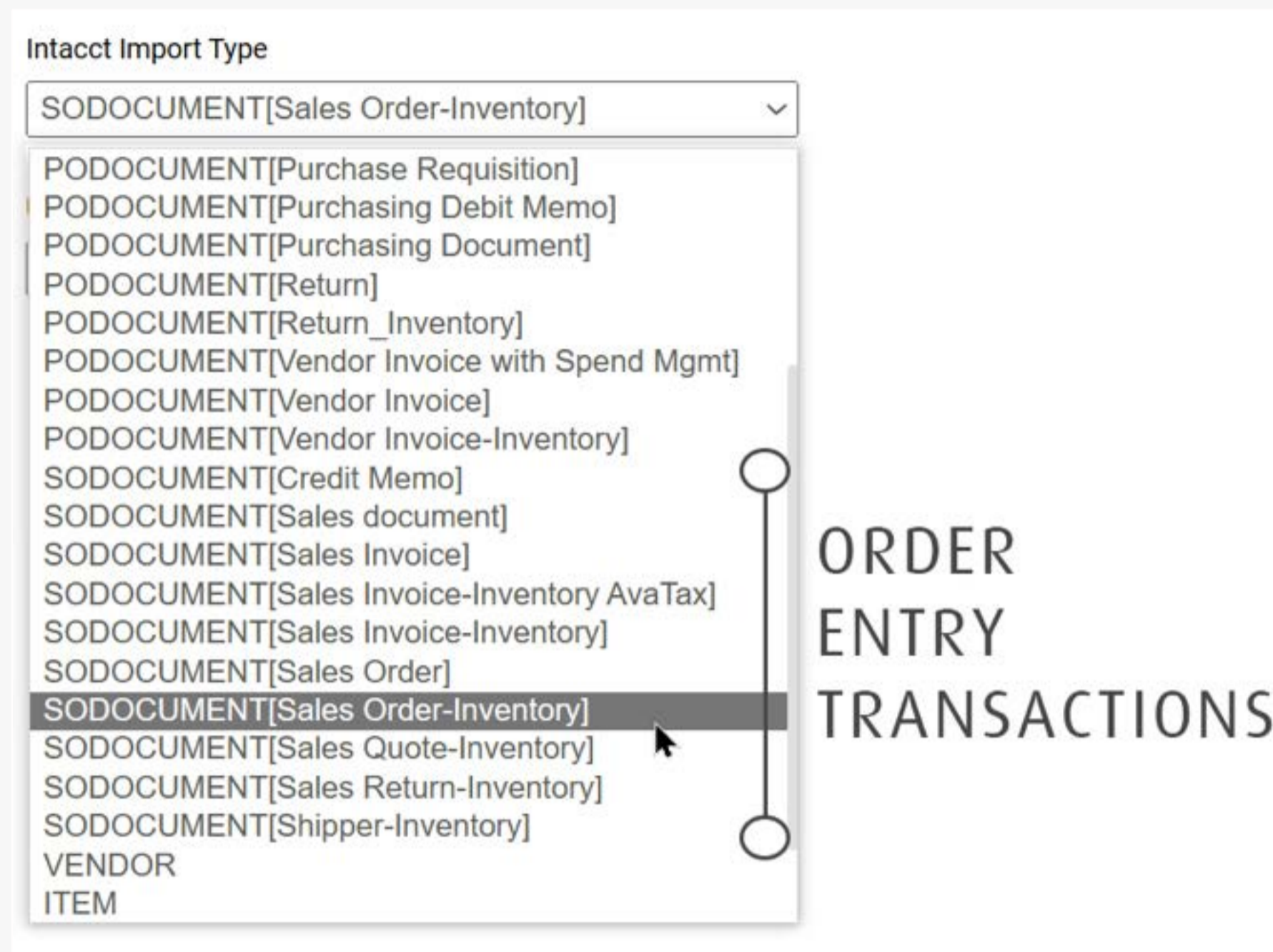
[HTTPS://DEVELOPER.INTACCT.COM/API/ORDER-ENTRY/ORDER-ENTRY-TRANSACTIONS/](https://developer.intacct.com/api/order-entry/order-entry-transactions/)

### UPDATE

Insert Or Update

### TRANSACTION TYPES

When the Intacct System Connector is selected, the connector will query Intacct for the Order Entry transaction definitions. These will be displayed as an option in Import Type drop down.



### UPDATE LOGIC OR CREATING ONE TRANSACTION FROM ANOTHER

The logic for updating an existing transaction or for creating a transaction from another e.g. a shipper document from an order, an invoice from a shipment is the same, requiring the following fields to be mapped:

#### DOCUMENT HEADER

- » Map the originating document no to the referenceno field.
- » Customer ID
- » It may also be necessary additional fields such as subtotals as the original values can be lost during update or creation.

#### DETAIL/LINE MATCHING

The connector/Intacct API supports the ability to update existing lines through two possible means:

- » By default Intacct will match lines by the Item Code. If there are multiple of the same item on a single transaction Intacct will match the lines in order of appearance.
- » It is possible to match by the line id i.e. the unique id assigned to the line by Intacct. If this value is mapped line the line will be matched by its id. For scenarios where the same item may appear more than once, this will yield a more accurate creation of a document. It is difficult to obtain the line id as it is not returned by the API during document creation. Therefore the line ids would need to be found using the IntacctLookup.

#### OTHER DETAIL FIELDS

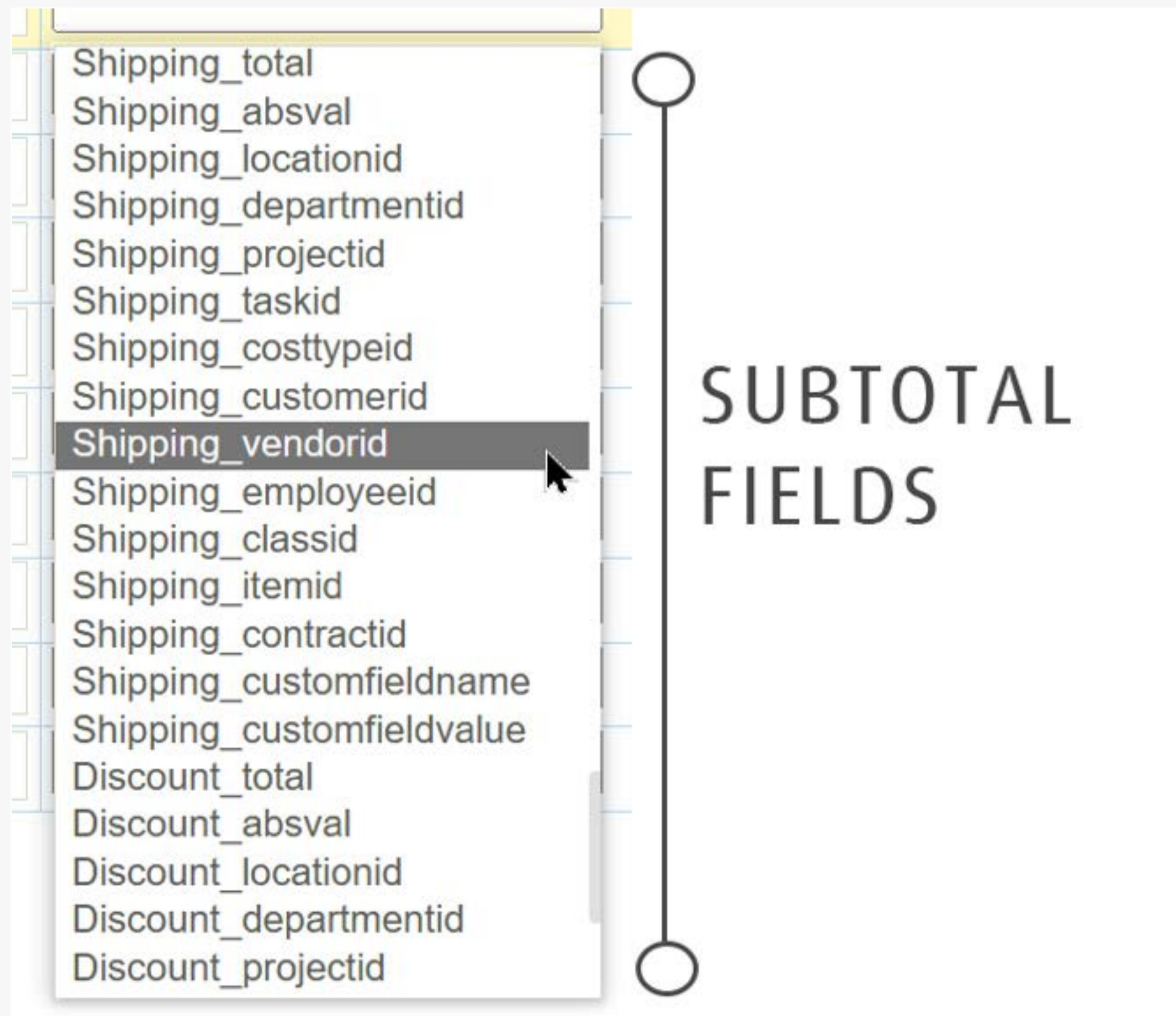
The following fields should be mapped:

- » Quantity
- » Price
- » Unit (of Measure)

#### SUBTOTALS

The defined subtotals for the selected transaction will be displayed inline with the transaction.

Each of the writeable fields is prefixed with the subtotal name.



#### WRITEBACK FIELDS

RECORDNO	The auto generated document number. This RECORDNO is required by the connector if you are wis
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#### WRITING DATA

[IMPORT REFERENCE](#)

[ACCOUNTS PAYABLE](#)

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[INVENTORY CONTROL](#)

[ORDER ENTRY TRANSACTIONS](#)

[PURCHASING TRANSACTIONS](#)

# PURCHASING

This page describes how to create or update Purchasing Transactions.

## PURCHASING TRANSACTIONS

[BACK TO TOP](#)

Creates or Updates Purchasing Transactions including Quotes, Order, Shipper, Invoices and Returns.

### INTACCT API RESOURCE

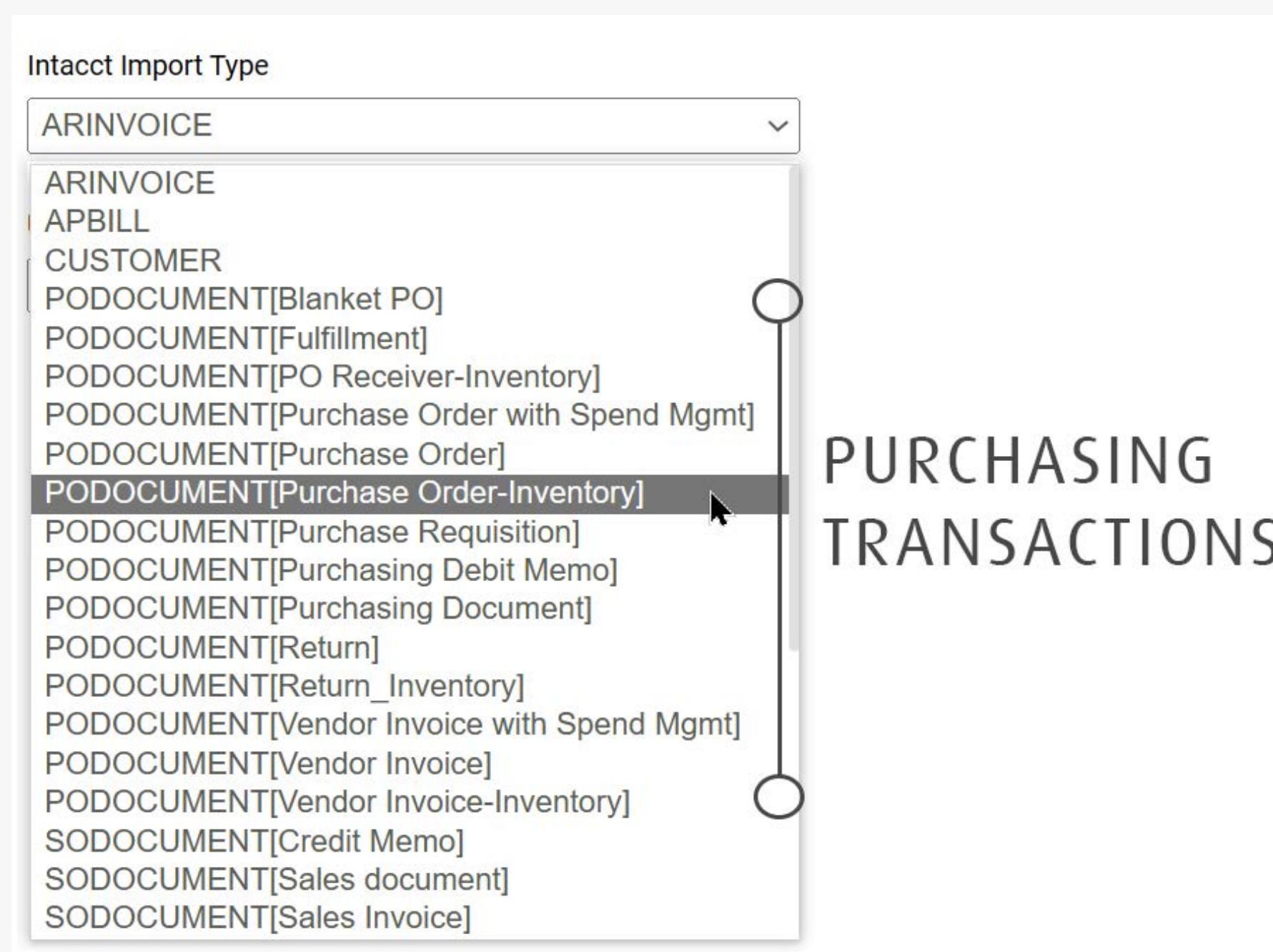
[HTTPS://DEVELOPER.INTACCT.COM/API/PURCHASING/PURCHASING-TRANSACTIONS/#CREATE-PURCHASING-TRANSACTION-LEGACY](https://developer.intacct.com/api/purchasing/purchasing-transactions/#create-purchasing-transaction-legacy)

### UPDATE

Insert Or Update

### TRANSACTION TYPES

When the Intacct System Connector is selected, the connector will query Intacct for the Purchasing transaction definitions. These will be displayed as an option in Import Type drop down.



### UPDATE LOGIC OR CREATING ONE TRANSACTION FROM ANOTHER

The logic for updating an existing transaction or for creating a transaction from another e.g. a shipper document from an order, an invoice from a fulfilment is the same, requiring the following fields to be mapped:

#### DOCUMENT HEADER

- » Map the originating document no to the referenceno field.
- » Customer ID
- » It may also be necessary additional fields such as subtotals as the original values can be lost during update or creation.

#### DETAIL/LINE MATCHING

The connector/Intacct API supports the ability to update existing lines through two possible means:

- » By default Intacct will match lines by the Item Code. If there are multiple of the same item on a single transaction Intacct will match the lines in order of appearance.
- » It is possible to match by the line id i.e. the unique id assigned to the line by Intacct. If this value is mapped line the line will be matched by its id. For scenarios where the same item may appear more than once, this will yield a more accurate creation of a document. It is difficult to obtain the line id as it is not returned by the API during document creation. Therefore the line ids would need to be found using the IntacctLookup.

#### OTHER DETAIL FIELDS

The following fields should be mapped:

- » Quantity
- » Price
- » Unit (of Measure)

#### SUBTOTALS

The defined subtotals for the selected transaction will be displayed inline with the transaction.

Each of the writeable fields is prefixed with the subtotal name.



#### WRITEBACK FIELDS

RECORDNO	The auto generated document number. This RECORDNO is required by the connector if you are wis
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#### WRITING DATA

[IMPORT REFERENCE](#)

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[ORDER ENTRY TRANSACTIONS](#)

[PURCHASING TRANSACTIONS](#)

Don't Get Lost: [IMan Guides](#) » [Sage Intacct User Guide](#) » Intacct Lookup

# INTACCT LOOKUPS

The Intacct connector also allows you to lookup values from your organisation. The Intacctlookup function is very similar to the native Lookup function in IMan.

## SYNTAX

Intacctlookup(systemid, entity, where, mustreturnvalue)

## ARGUMENTS

### » systemid

- › The system id value of the system connector to be used for the lookup.

### » entity

- › The name of the entity to return the field from.
- › If the entity supports different transactions (such as Sales Order or Purchase Order) it is necessary to enclose the transaction name in square brackets after the entity.
- › For example - SODOCUMENT[Sales Order-Inventory]

### » select

- › The name of the field to be returned.

### » where

- › The where clause of the query, see the [FILTER RECORD](#) section for syntax.

### » mustreturnvalue

- › True or False to specify the Lookup query should return one record.
- › True
  - › An error will be raised if the lookup fails to return a record.
- › False
  - › The function will return an empty string if the lookup fails to return a record.

## EXAMPLE #1

To return the CustomerId from the Customer entities using the primary contact email address as criteria.

```
IntacctLookup("Intacct", "CUSTOMERID", "CUSTOMER", "DISPLAYCONTACT.EMAIL1 = " & %customer_email, True)
```

The dotted notation in the where queries allows you to navigate object relationships. In this example the Email1 field is a member of the DisplayInfo contact.

## EXAMPLE #2

To return the Customer ID from a Sales Order - Inventory transaction by the PONUMBER.

```
IntacctLookup("INTACCT", "CUSTVENDID", "SODOCUMENT[Sales Order-Inventory]", "PONUMBER = " & %orderNumber, True)
```

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[INTACCT SETUP](#)

[READING AND QUERYING DATA](#)

[WRITING DATA](#)

[FILTER QUERY DATA](#)

[INTACCT LOOKUP](#)



Don't Get Lost: [IMan Guides](#) » [Sage Intacct User Guide](#) » Filter Query Data

# FILTERING RECORDS

A filter can be applied to any query using a simple language. The filter statement is used both on the Reader and Lookups.

## EXAMPLES

To retrieve just the match which are GBP the 'OSQL Where Statement' would be:

```
VENDORID = 20010
```

Query elements can be joined with an AND statement:

```
VENDORID = 20010 And ACCOUTNO = 10203
```

## SAGE INTACCT USER GUIDE

[INTACCT SETUP](#)[READING AND QUERYING DATA](#)[WRITING DATA](#)[FILTER QUERY DATA](#)

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[INTACCT LOOKUP](#)