ONESOURCE™ INTEGRATION FOR MICROSOFT D365O

INSTALLATION AND USER GUIDE

2.0.1.5

Document Version 5

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DOCUMENT HISTORY

VERSION NUMBER	VERSION DATE	SUMMARY
V1	February 15, 2019	Created first version of this guide for ONESOURCE Indirect Tax Integration for Microsoft D365O 2.0.1.5.
V2	February 28, 2019	Updated Assign Security Access (page 17).
V3	November 11, 2019	Updated Configuring the Integration.
V4	April 2, 2020	Updated Install Guide to 2.0.1.X Updated Configuring the Integration.
V5	November 18, 2020	Updated Install Guide to 2.0.1.5. Updated Installing the Integration and Prerequisites.

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INTRODUCTION

The ONESOURCE Indirect Tax Integration for Microsoft D365O enables seamless Order to Cash and Procure to Pay tax calculations between D365O and the Thomson Reuters tax service. You no longer need to maintain D365O tax codes, research tax laws, and enter tax rates. Tax-relevant transactions make a web service call to ONESOURCE Indirect Tax Determination, calculate tax, and then return the tax details back to D365O to be stored in the transaction record. Tax liabilities are stored in the ONESOURCE Indirect Tax databases for downstream reporting and compliance.

WHO SHOULD READ THIS GUIDE?

This guide is intended for use by ONESOURCE customers and partners who are implementing the Integration for Microsoft D365O. It covers preparing for installation, performing the installation, and the post-installation configuration steps. Users of D365O will find supported business processes and information on usage and maintenance of the integration.

Installation and configuration requires the coordination of people in various roles. If you are responsible for overseeing the installation, make this guide available to the following contributors:

- Application server administrator
- IT administrator
- Tax professional

SYSTEM OVERVIEW

The ONESOURCE Indirect Tax Integration for Microsoft D365O works within the framework of the client/server architecture of D365O. Calls to ONESOURCE Indirect Tax Determination originate directly from the server.

SUPPORTED BUSINESS PROCESSES

Tax calculation is supported for the following business processes:

- Credit Notes
- Free Text Invoices and Corrections
- Invoice Pool Excluding Details

- Invoice Register
- Project Invoices (Limited)
- Purchase Orders
- Quotations
- Requisitions
- Return Orders
- Sales Invoices
- Sales Journals
- Sales Quotes
- Sales Orders
- Shipment Orders
- Vendor Invoices
- Vendor Invoice Journals

All US address updates are supported by the address validation service.

The Sales Quotes and Sales Orders as accessed from the CRM module are also supported with this integration.

UNSUPPORTED BUSINESS PROCESSES

Tax calculation is not supported for the following business processes:

- General Journals
- Recurring Free Text Invoices
- Sales Basket Orders
- Service Orders
- Subscriptions

- Transfer Orders

RESOURCES

If you have questions that are not answered by this guide, you can get help from these resources:

ONESOURCE RESOURCES	
Resource	**Description**
ONESOURCE Customer Center https://tax.thomsonreuters.com/support/onesource/customer-center/	Search for answers in the Knowledge Base, enter product support tickets, and track support ticket history for you and your organization.
Indirect Tax Customer Center https://customercenter.sabrix.com/	Download ONESOURCE Indirect Tax software.
Other ONESOURCE Indirect Tax Products and Services https://tax.thomsonreuters.com/products/brands/onesource/indirect-tax/	Browse descriptions of other ONESOURCE Indirect Tax products and services.
Documentation Feedback onesource.indirect.tax.fb@thomsonreuters.com	Send feedback about ONESOURCE Indirect Tax documentation.

STYLE CONVENTIONS

We use the following special formatting throughout this guide:

Bold text indicates most user interface elements, such as:

- Data you are expected to enter, such as in a text field
- Pages, buttons, tabs, and field names
- Dialog boxes, drop-down lists, selections within lists, and check box titles
- Windows
- Menu items

Italic text indicates the following:

- File and folder names
- Java classes, PL/SQL objects and executable files
- Document titles

CAPITALIZED text indicates keyboard commands, such as ENTER, or database components.

`Courier` text indicates command-line input/output.

<brackets> indicate user entry. For example, <host> indicates you should replace the text and angle brackets with your server name.

Book titles are shown in italics and sections within a book are in quotation marks, such as “Tips and Tricks” in the *ONESOURCE Indirect Tax User Guide*.

This pencil symbol indicates suggestions or additional information.

This warning symbol indicates important text that you should review before proceeding.

```
1    /* Code snippets have numbered lines with a gray background.
     */
2       /* Be cautious if you copy lines from the code snippets—
        the line numbers are included! */
```

PREREQUISITES

Review the following sections and complete the listed tasks before installing the Integration for Microsoft D365O.

Review System Requirements 5
Verify D365O General Ledger Parameters Tax Settings 5
Verify Address Master Data 7
Gather Administrative Information 8
Download the Integration 11

REVIEW SYSTEM REQUIREMENTS

The integration requires the following:

- Microsoft D365O

VERIFY D365O GENERAL LEDGER PARAMETERS TAX SETTINGS

Before proceeding with your installation, review the **Sales tax** information on the **General ledger parameters** form. The integration requires that some of the parameters on this form be set to specific values.

To verify that your settings for each of the required parameters match those in the following table, go to **General ledger > Ledger setup > General ledger parameters.**

REQUIRED GENERAL LEDGER PARAMETERS	
Parameter	**Value**
Calculation date type	Invoice date
Calculation method	Line
Apply sales tax taxation rules	No/Yes*
Conditional sales tax	No

REQUIRED GENERAL LEDGER PARAMETERS	
Parameter	**Value**
Auto sales tax search	No
Reverse sales tax on cash discount	No
Deduct cash discount before sales tax calculation	No
Cash discount is calculated on amount including sales tax	No

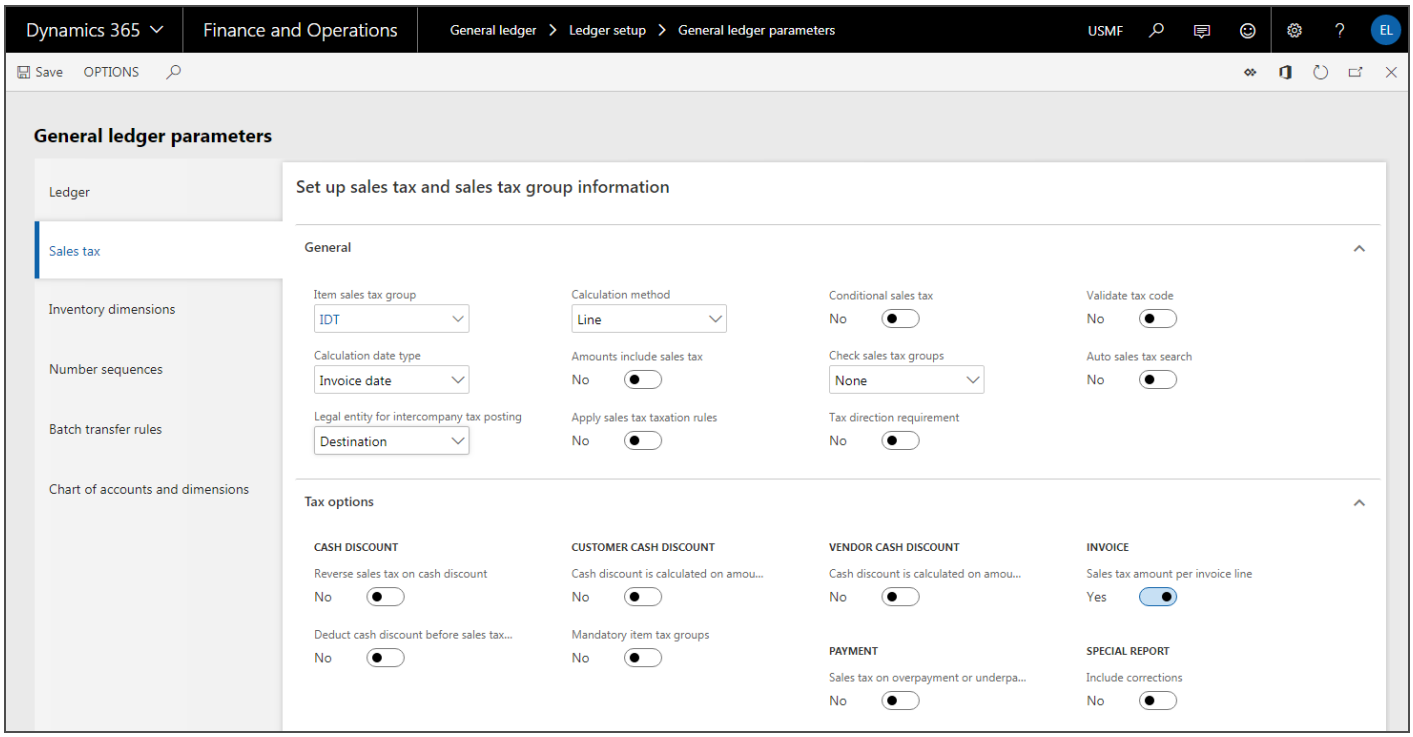
*Users can select “Apply sales tax taxation rules” to Yes for following posting behavior for accounts payable documents (recommended for US entities, if required)

1. There will be no additional IDT_ACC_P Use tax line created for Purchase order Invoice and Vendor Invoice Journal documents during tax adjustments and the tax amount will be proportionately distributed among existing tax lines.
2. Tax amount for Accounts payable transactions will post to applicable purchase or expense account.

Bundles are supported only to the extent that pricing is assigned at the top level (kit level), not at the line level.

Tax is calculated on the gross amount. The sales price will not include tax. Therefore, no D365O fields should be set to **price includes sales tax**.

The following image is an example of the desired settings:



VERIFY ADDRESS MASTER DATA

Your tax results are most precise when your master data is accurate. We recommend you make use of our one-time address validation service to update your addresses prior to installation. Please contact Thomson Reuters Professional Services if you are interested in using this service.

ONESOURCE Indirect Tax Determination calculates tax results using address data from the following areas of D365O:

- Legal Entity Address
- Customer Address
- Vendor Address
- Warehouse and Site Address

GATHER ADMINISTRATIVE INFORMATION

Before installing the integration, record your administrative information in the following tables:

INFORMATION REQUIRED FOR THE IDT SETUP WIZARD		
Item	**Description**	**Your Value(s)**
Settlement Period	The D365O settlement period for sales tax. See D365O online help for more information.	
Ledger posting group	The D365O ledger posting groups are attached to individual sales tax codes, and the ledger posting groups determine the ledger accounts that the calculated sales taxes are posted to. See D365O online help for more information.	
Currency	The default currency used for tax calculation when one is not specified in the master data or transaction.	

INFORMATION REQUIRED ON THE ONESOURCE IDT TAX PARAMETERS SCREEN		
Item	**Description**	**Your Value(s)**
ONESOURCE IDT URL	The URL for Determination, provided by the implementation team. You will be provided with two URLs. One for your UAT environment and a second URL for your Production environment.	

INFORMATION REQUIRED ON THE ONESOURCE IDT TAX PARAMETERS SCREEN		
Item	**Description**	**Your Value(s)**
ONESOURCE IDT Company ID	The unique identifier for your Determination company, provided by the implementation team.	
ONESOURCE IDT User Name	The user name for Determination, provided by the implementation team.	
ONESOURCE IDT Password	The password for Determination, provided by the implementation team.	
ONESOURCE Address Validation Enabled	Selecting this option enables the ONESOURCE Address Validation service.	
ONESOURCE Address Validation URL	The URL for the ONESOURCE Address Validation Service, provided by the implementation team. You will be provided with two URLs. One for your UAT environment and a second URL for your Production environment.	
ONESOURCE Address Validation Company ID	The unique identifier for your company, provided by the implementation team.	
ONESOURCE Address Validation User Name	The user name for the ONESOURCE Address Validation service, provided by the implementation team.	
ONESOURCE Address Validation Password	The password for the ONESOURCE Address Validation Service, provided by the implementation team.	

INFORMATION REQUIRED ON THE ONESOURCE IDT TAX PARAMETERS SCREEN		
Item	**Description**	**Your Value(s)**
ONESOURCE Default Item Product Tax Code	The default product tax code to use if no product tax code is assigned to the item.	
ONESOURCE Default Non-Inventory Product Tax Code	The default product tax code to use if no product tax code is assigned to a non-item type transaction.	
ONESOURCE Tax Summary by State	By default, four authority buckets (State, County, City, and District) are used to represent tax results in D365O. Selecting this option assigns a single G/L account for each state instead. This setting does not affect how Determination calculates, stores, or reports tax results.	
ONESOURCE Default Currency	The default currency to apply to tax transactions. USD for a US company and CAD for a Canadian company.	
Source for determining exemptions	The default is Ship-To. Choose Ship-To to base exemptions on the customer Ship-To entity or choose Bill-To to base exemptions on the customer Bill-To invoice account.	
ONESOURCE Progress Bar	Selecting this option enables a progress bar during tax and address validation calls.	

INFORMATION REQUIRED DURING THE MANUAL CONFIGURATION PROCESS		
Item	**Description**	**Your Value(s)**
ONESOURCE Product Tax Codes	A list of the valid ONESOURCE IDT Product Tax Codes.	This is a .csv file provided by the implementation team.

DOWNLOAD THE INTEGRATION

If you have not already done so, download the Integration for Microsoft D365O installation file.

Download from ONESOURCE Customer Center

1. Open the Customer Center at https://customercenter.sabrix.com/sabrixcc.
2. Log on to the Customer Center by entering the user name and password assigned by Customer Support.
3. Locate the Integration for Microsoft D365O in the list of available products.
4. Select **None** for **Current Installed Version**.
5. Select **Download** for Integration for Microsoft D365O.
6. Save the file.
7. Complete the instructions at the following link to deploy the package: https://docs.microsoft.com/en-us/dynamics365/operations/dev-itpro/deployment/apply-deployable-package-system.

INSTALL THE INTEGRATION

This section provides the information required to install the Integration for Microsoft D365O.

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RUN THE IDT SETUP WIZARD

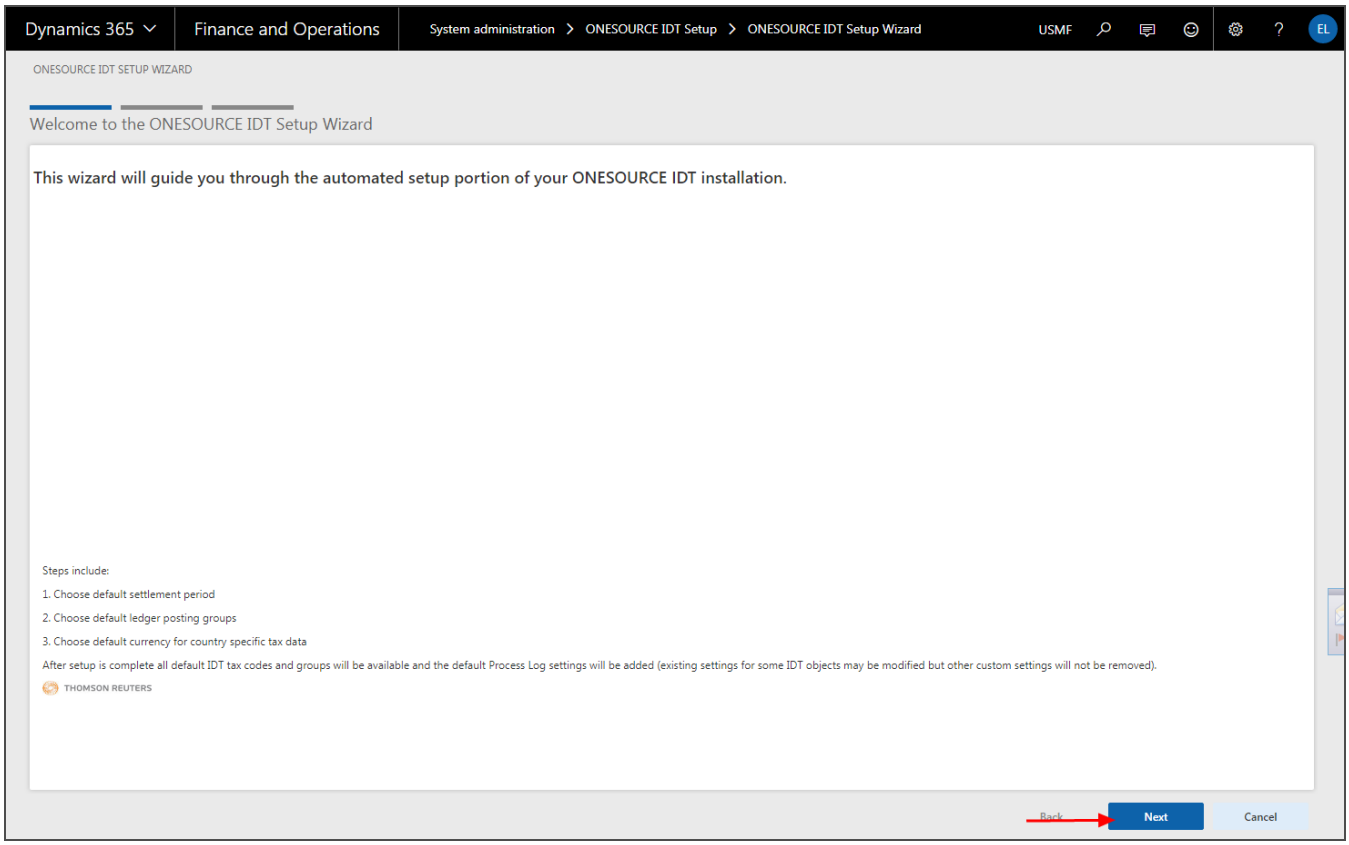
To complete the installation, you will run the IDT Setup Wizard. The wizard sets up the IDT tax codes and process log settings. Prior to running the wizard, you must manually create the following in your system:

- Settlement Period
- Default ledger posting group
- VAT non-recoverable ledger posting group
- VAT variance ledger posting group
- Not found ledger posting group

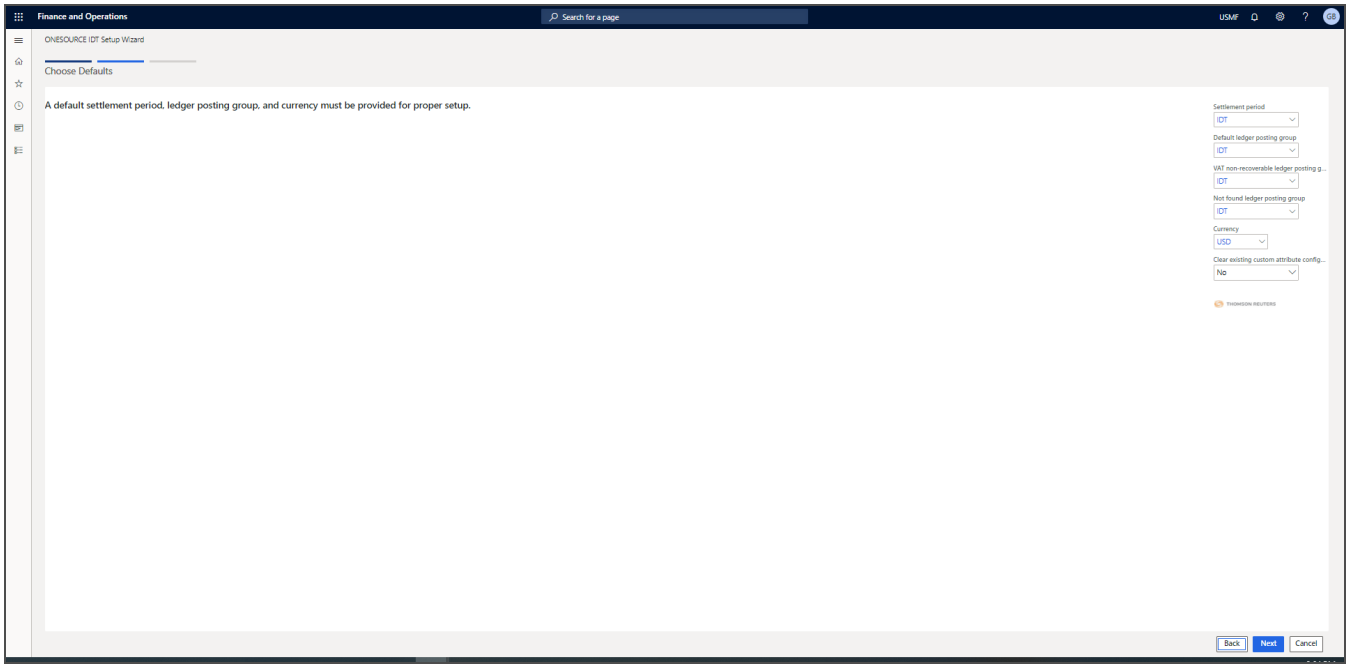
See the information regarding ledger posting groups found in the table under Gather Administrative Information (page 8) for a more detailed explanation.

To run the wizard and complete your installation complete the following steps:

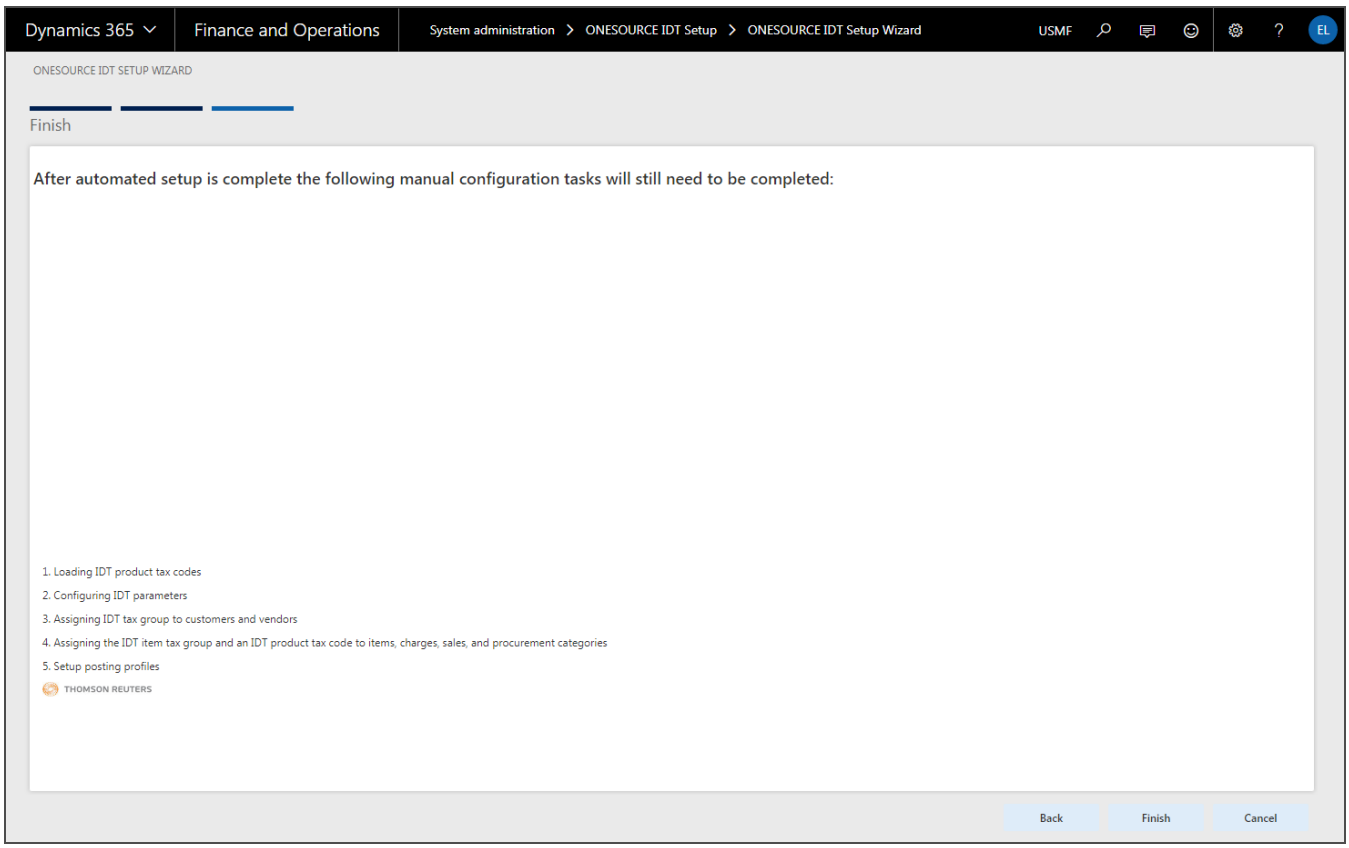
1. Go to **System administration > ONESOURCE IDT Setup > ONESOURCE IDT Setup Wizard**.
2. Select **Next** when you are ready to proceed.



3. Using the information you previously recorded (see Gather Administrative Information (page 8)), set the default values for **Settlement period**, **Ledger posting group**, and **Currency**.



4. Select **Next**. The **Finish** page describes the manual configuration that will be performed by the implementation team.



5. Select **Finish**.

CONFIGURE THE INTEGRATION

This section describes the steps required to configure the integration between Determination and D365O. The following configuration tasks are covered in this section:

Assign Security Access 17
Load the ONESOURCE IDT Product Tax Codes 18
Configure the IDT Parameters 18
Configure IDT Sales Tax Codes 31
Configure the IDT Ledger Posting Group 33
Assign the IDT Sales Tax Group to Customers 36
Assign the IDT Sales Tax Group to Vendors 40
Assign the IDT Item Sales Tax Group and IDT Product Tax Code to Items 41
Set up Posting Profiles 44
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ASSIGN SECURITY ACCESS

The installation process creates three new security privileges and duties. Assigning these privileges or duties to a security role allows users linked to that security role to perform the configuration tasks listed below:

- **ONESOURCE IDT Address Validation:** Validate address updates with the ONESOURCE address validation feature.
- **ONESOURCE IDT Maintenance:** Access the ONESOURCE logs and configuration features.
    - Configure the IDT Parameters.
    - Assign the IDT item tax group and an IDT product tax code to items.
- **ONESOURCE IDT Setup:** Access to the ONESOUCE IDT setup features.
    - IDT Setup wizard.

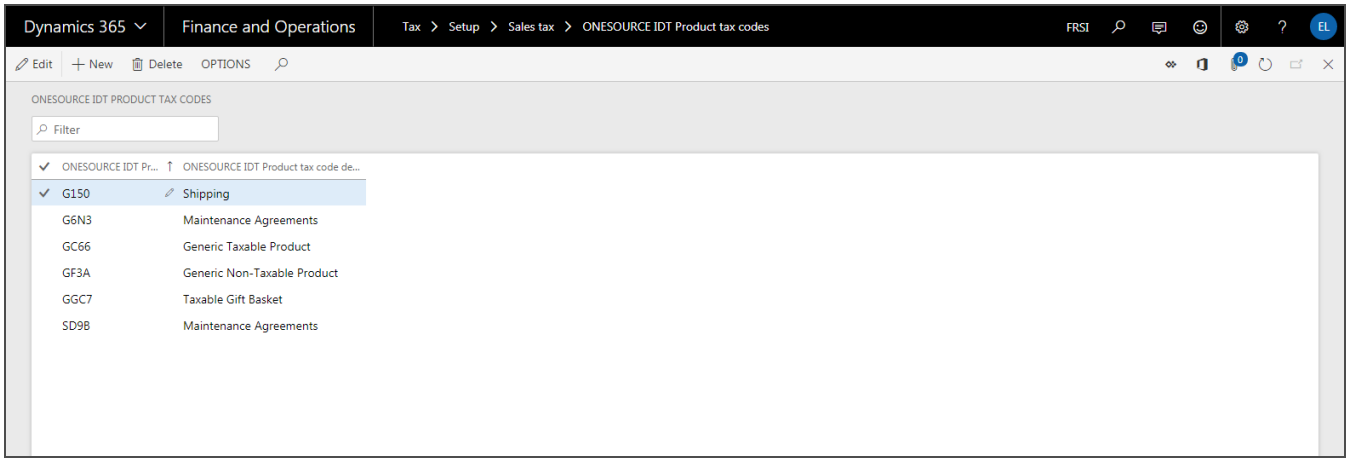
System administrators already have the required access to perform the tasks listed above. All other configuration tasks must be completed by users with the proper native D365O security access.

LOAD THE ONESOURCE IDT PRODUCT TAX CODES

Please work with your ONESOURCE Professional Services representative to load the required ONESOURCE IDT Product Tax Codes.

The ONESOURCE IDT Product tax codes form shown below may be used to add or delete product tax codes. Use the following steps to add ONESOURCE IDT Product tax codes to your system.

1. Go to **Tax > Setup > Sales tax > ONESOURCE IDT Product tax codes**.



2. Choose **New** from the ribbon menu to add a new code and description. The code must correspond to an existing code in Determination.

Product tax codes may not be deleted if they are in use on the **ONESOURCE IDT Parameters** form, an item (for sell or purchase), a sales or procurement category, or a charge code.

CONFIGURE THE IDT PARAMETERS

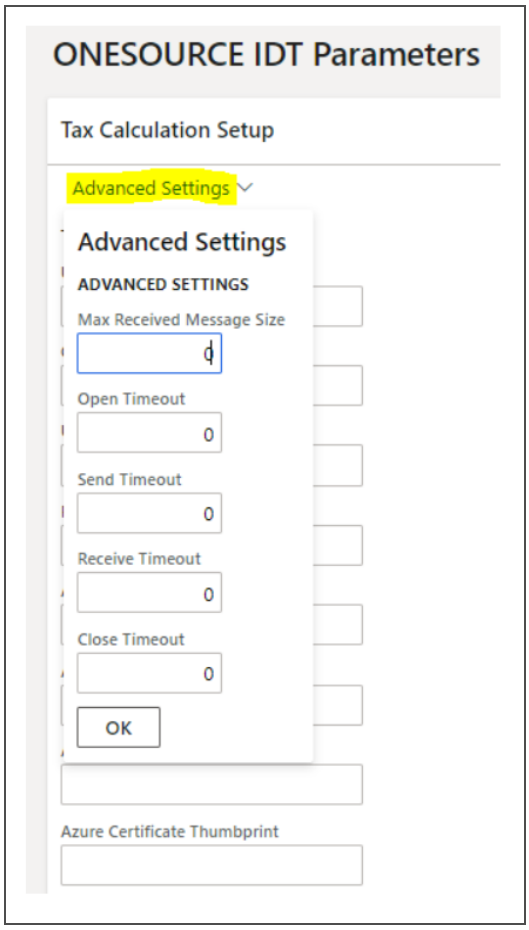
The **ONESOURCE IDT Parameters** form is used to set your connection and system defaults.

1. Go to **Tax > Setup > Sales tax > ONESOURCE IDT Tax Parameters**.

2. **Advanced Settings:**

   Users can adjust Advanced Settings depending on transaction volume, default is set to “0” for each field which implies 100 MB for Maximum Received Message size and using standard .NET default for Timeout fields.

   The biggest max received message size is 2 GB, which is 2048 MB. The parameter will auto adjust to 1 MB less than the max if a user enters a value larger than the max.



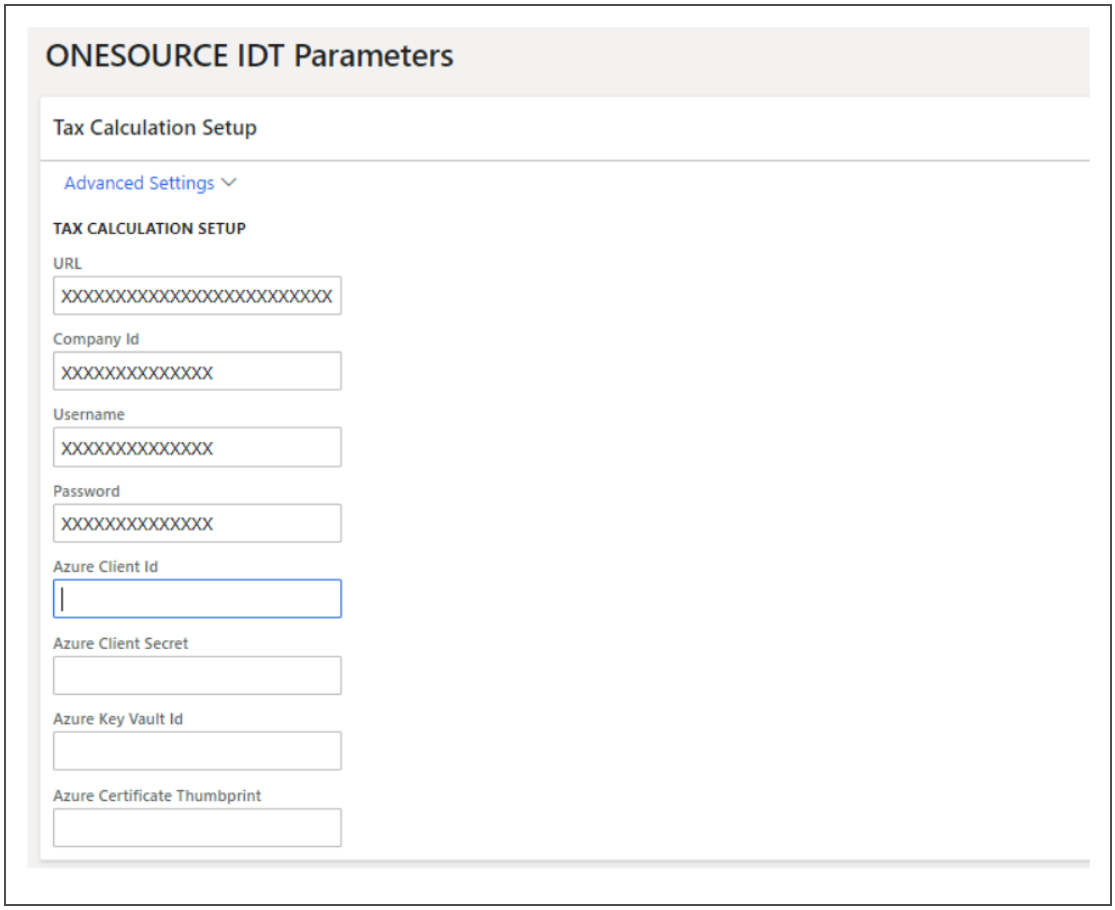
   Following are the definitions for the “Advanced Settings“ parameters:

   - **Max Received Message Size** - The maximum size, in MB, for the received message from the ONESOURCE IDT Web Service. 0 implies using the 100 MB default.

- **Open Timeout** - The maximum number of minutes for an open operation to complete before timing out. 0 implies using the standard .NET default.
- **Close Timeout** - The maximum number of minutes for a close operation to complete before timing out. 0 implies using the standard .NET default.
- **Send Timeout** - The maximum number of minutes for a send operation to complete before timing out. 0 implies using the standard .NET default.
- **Receive Timeout** - The maximum number of minutes for a receive operation to complete before timing out. 0 implies using the standard .NET default.

3. Enter the required information in the **ONESOURCE IDT Parameters** form, using the information you recorded earlier (see Gather Administrative Information (page 8)).

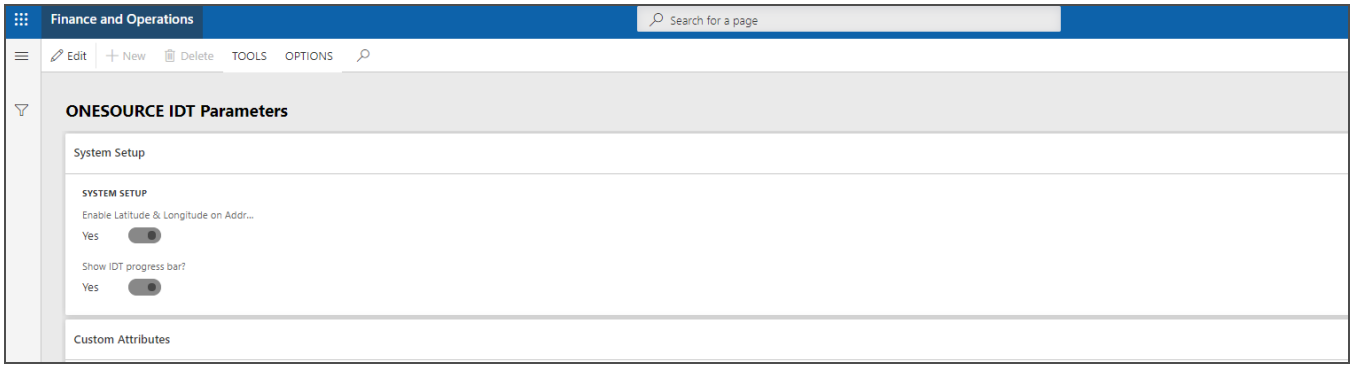
   If applicable, customers can provide information in “Azure” fields to make tax calls to their on- premise determination.



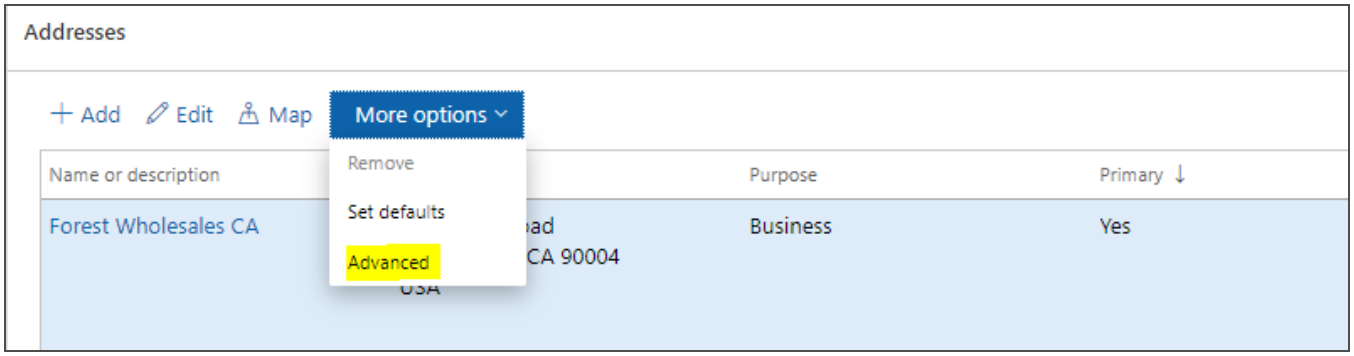
4. Enable Latitude and Longitude on addresses? (US addresses only)

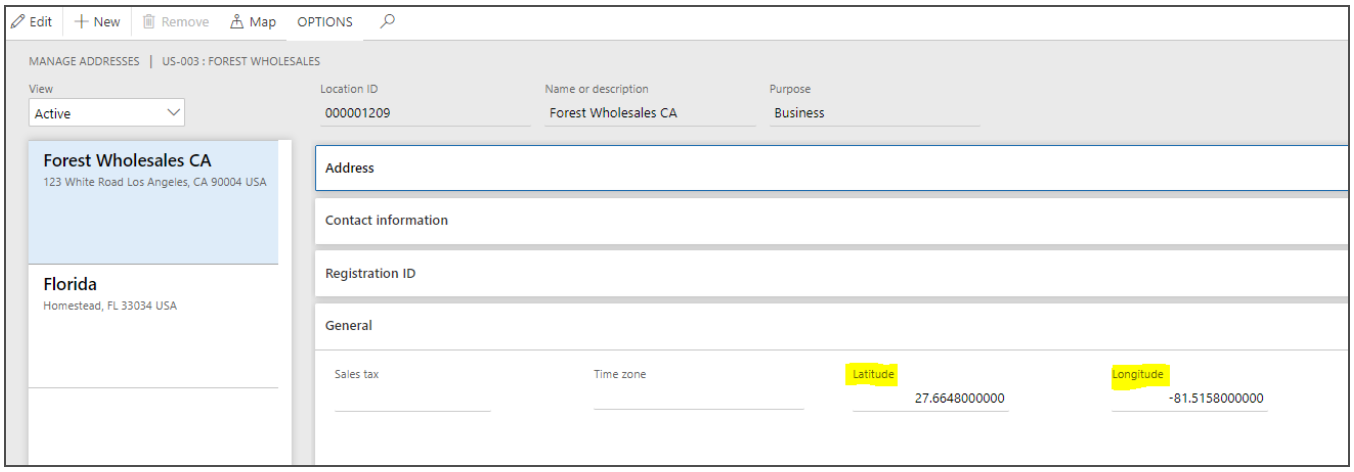
   Enabling this feature provides an ability to send latitude and longitude information to the determination for tax calculation purposes. This feature can be activated by navigating to following path in D365:

   Go to **Tax > ONESOURCE IDT Tax parameters > SYSTEM SETUP fast tab**



   Latitude/Longitude information can be stored at any address from **Advanced options > General fast tab**.

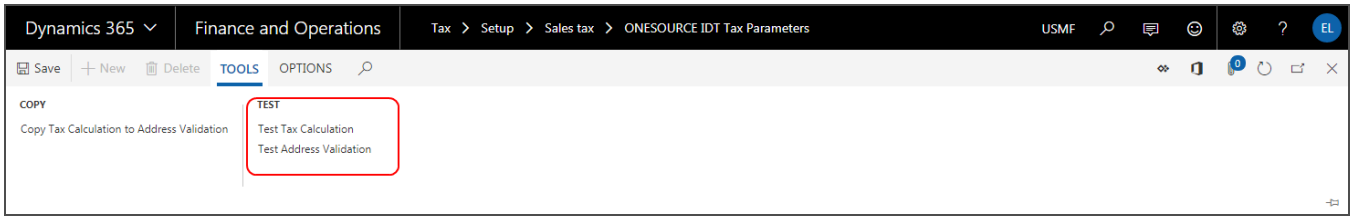




Once the valid information is provided at the address form, tax results are derived based on latitude and longitude location taking preference over ZIP code specified for that address. If no ZIP code is available for US addresses tax can be calculated on the basis of latitude and longitude information provided.

5. Users can make selection between reporting or transactional currency to be used for tax calls.

6. Once all of the required information is entered, select **Test Tax Calculation** and **Test Address Validation** on the **TOOLS** tab to verify that the URLs and credentials you entered are correct.



7. Select **Close** to close the results pop-up.

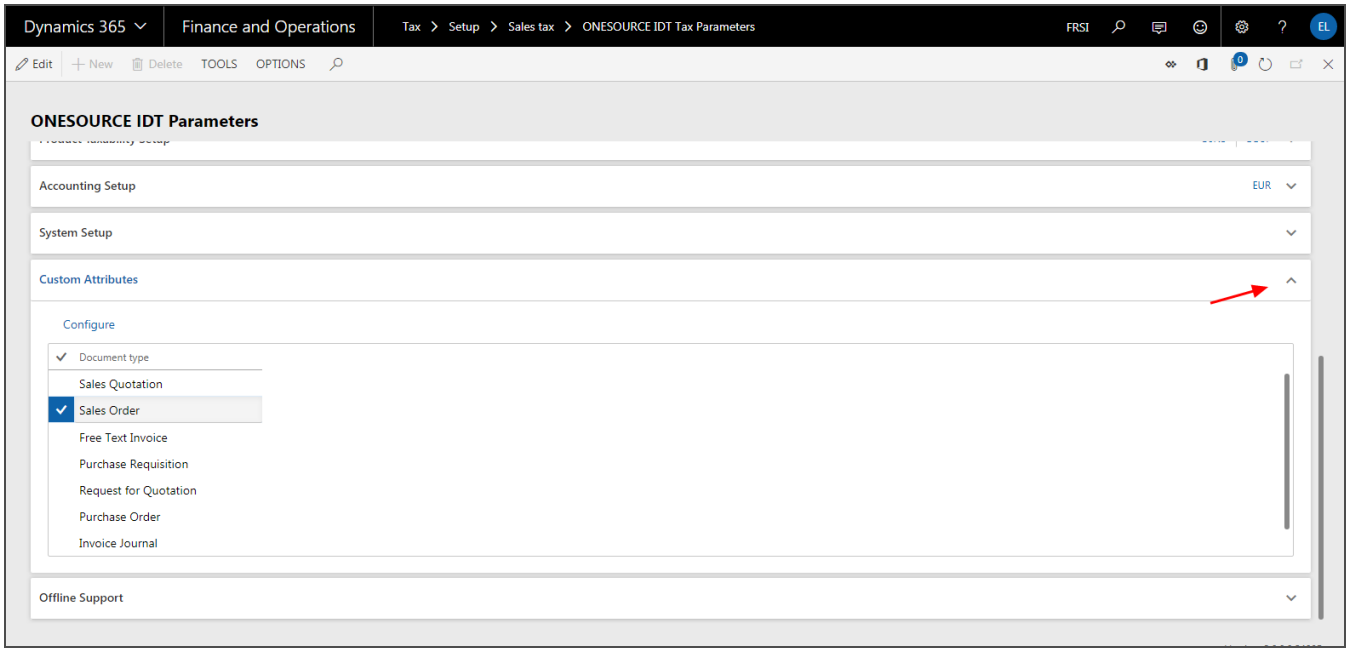
8. Select **Close** at the bottom of the **ONESOURCE IDT Parameters** form.

Updates to the **ONESOURCE IDT Parameters** form take effect immediately. You do not need to log out of D365O to save your changes.

Custom Attributes Setup

The custom attributes feature gives you the ability to include up to 40 additional header and 40 additional line elements in the tax calculation request. Custom attributes are configured using the **ONESOURCE IDT Parameters** form.

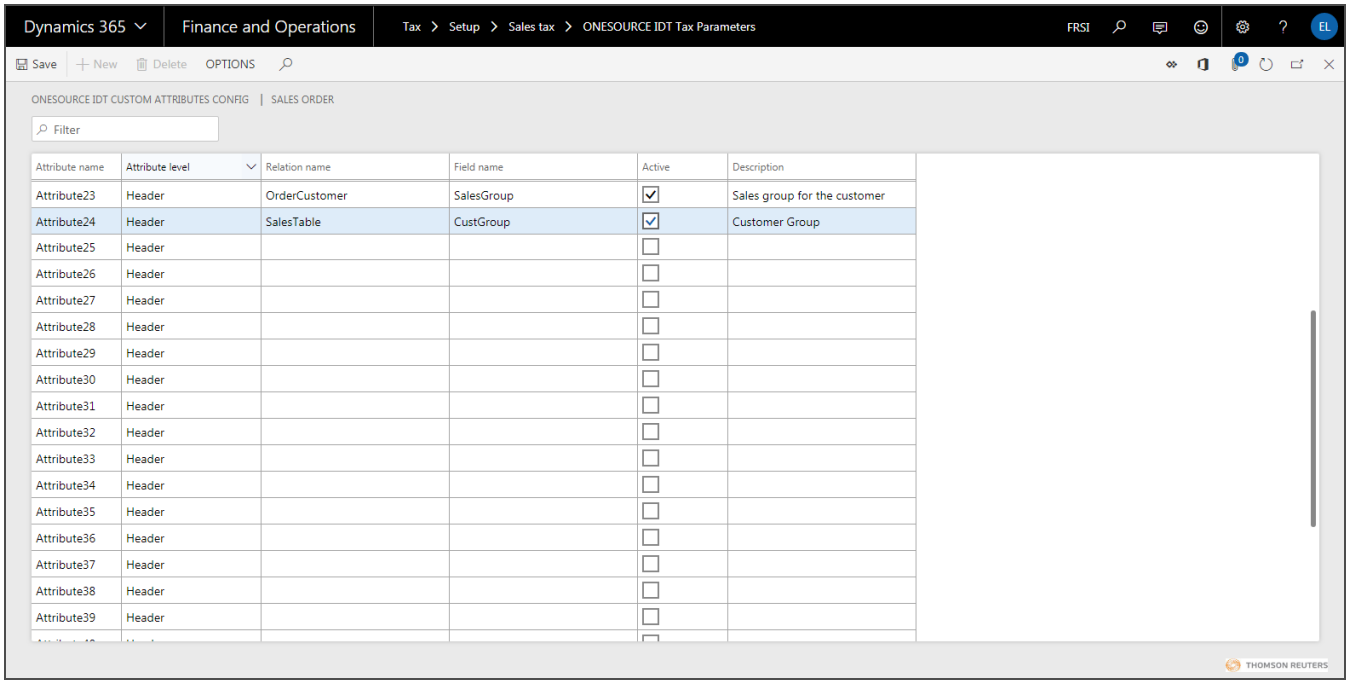
1. Go to **Tax > Setup > Sales Tax > ONESOURCE IDT Tax Parameters**.
2. Expand the **Custom Attributes** fast tab.



3. Select a document type to configure using the table below for guidance.

DOCUMENT TYPE	RELATED DOCUMENT TYPES
Sales Quotation	Sales Quotation Confirmation, Sales Quotation Journal
Sales Order	Sales Order Confirmation, Sales Invoice, Return Order
Free Text Invoice	Free Text Invoice
Purchase Requisition	Purchase Requisition
Request for Quotation	Request for Quotation Reply, Request for Quotation Journal
Purchase Order	Vendor Invoice, Purchase Invoice
Vendor Invoice Journal	Vendor Invoice Journal
Project	Project Invoice

4. Select the **Configure** link at the top of the grid. The **ONESOURCE IDT Custom Attributes Config** form opens.



5. Using the configuration form, perform the following:

    a. Select an unused header or line attribute.

    b. Select the **Relation name**. Use the table found in Appendix D - Custom Attributes Reference (page 102) as reference.

    c. Select the **Field name**.

    d. To include the attribute in tax calls, select the **Active** check box.

    The **Active** check box may be cleared if you wish to temporarily remove the attribute from the tax call.

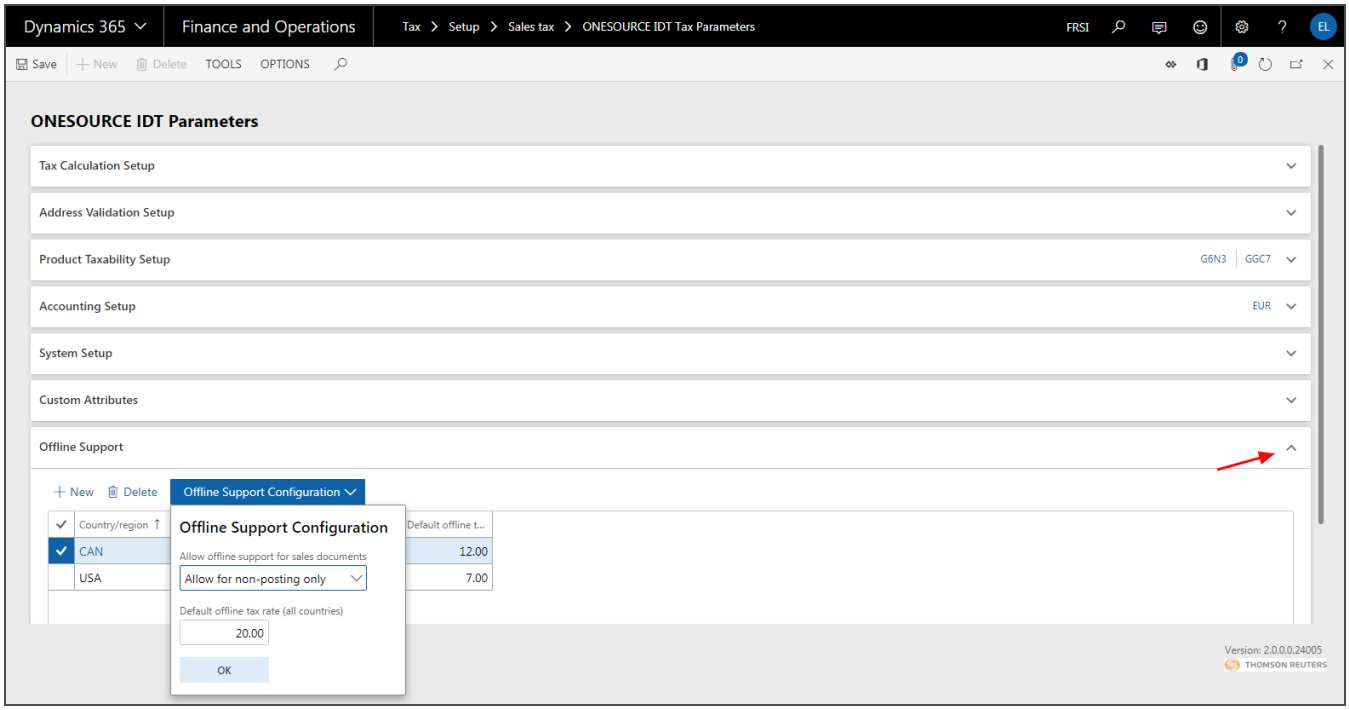
    e. If desired, use the **Description** field to document how the attribute is used or why it is included in tax calls.

6. Repeat the process for each additional data element you wish to include in the tax call.

Offline Support Setup

This feature allows transactions to save with default tax rates that you choose when ONESOURCE is not available.

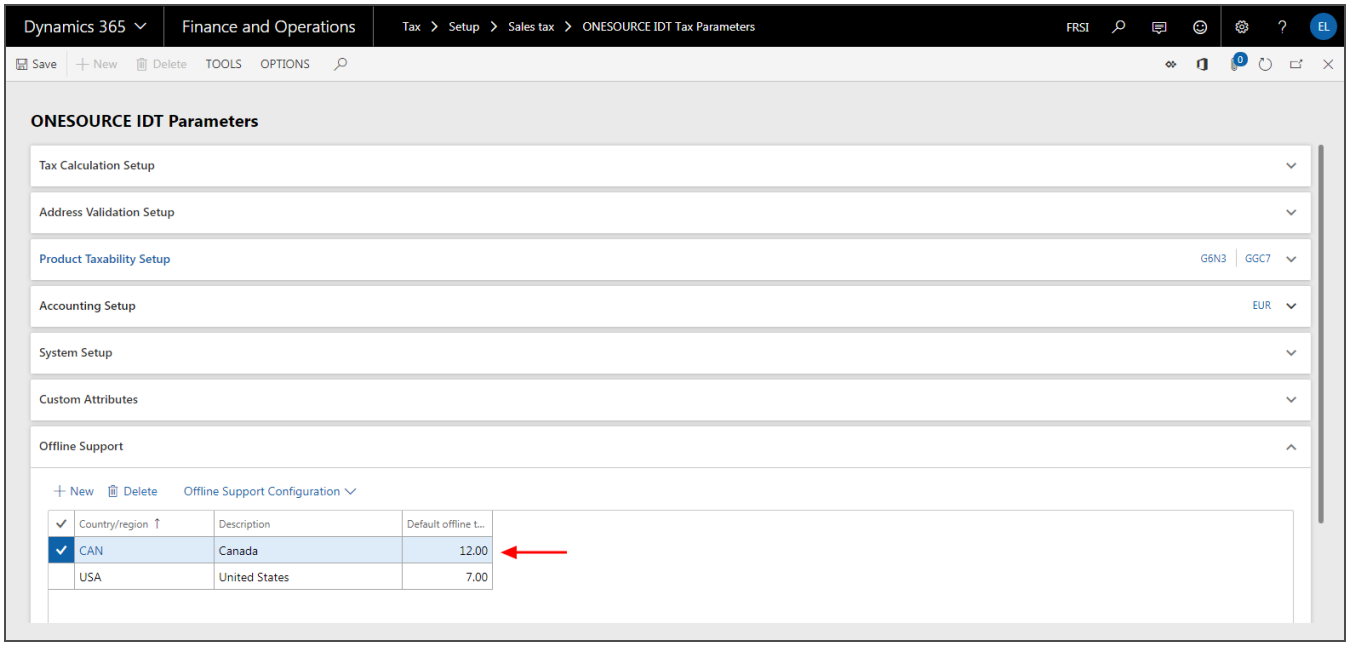
1. Go to **Tax > Setup > Sales tax > ONESOURCE IDT Tax Parameters**.
2. Expand the **Offline Support** fast tab.



3. Using the **Offline Support Configuration** menu, you may choose if you want to update sales documents with tax when ONESOURCE is offline. Purchase transactions are always saved without use tax when ONESOURCE is offline. The following table describes each of the options:

OPTION	DESCRIPTION
No offline support	Sales transactions encounter an error and no tax is applied when ONESOURCE is offline. The Infolog error will state: “The IDT ONESOURCE Tax Service did not respond. The offline tax service is disabled.”
Allow for non-posting only	Posting documents, such as Sales invoices, will not have tax applied or post. However, non-posting sales transactions are updated with a default tax rate when ONESOURCE is offline. The Infolog warning will state: “The IDT ONESOURCE Tax Service did not respond. Proceeding with default tax rates.”
Allow for all	All sales documents are updated with a default rate when ONESOURCE is offline. The Infolog warning will state: “The IDT ONESOURCE Tax Service did not respond. Proceeding with default tax rates.”

4. You can set a default rate for all countries by entering one in the field directly under the drop-down menu. In addition, exceptions to the default rate may be configured for specific countries as your business needs require.



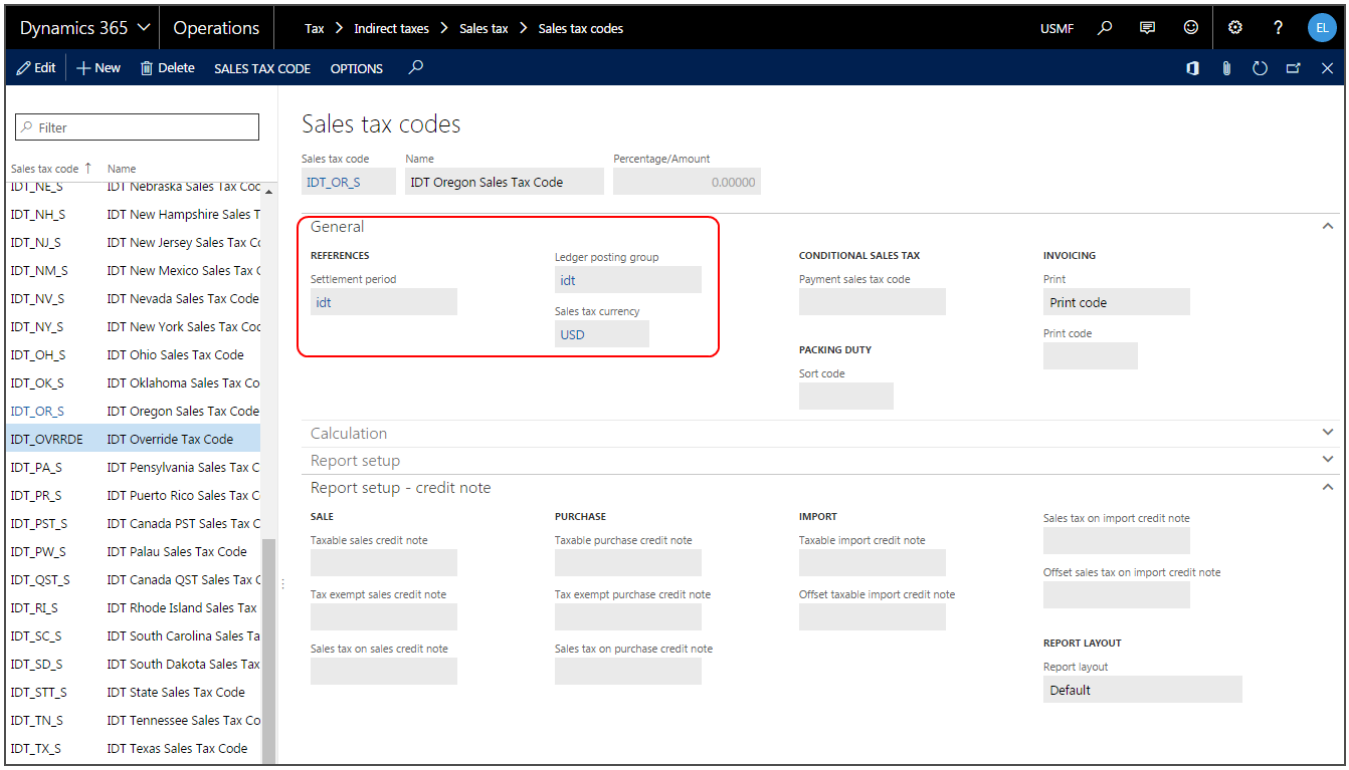
CONFIGURE IDT SALES TAX CODES

Verify Default IDT Sales Tax Code Settings

During the installation process, the **ONESOURCE IDT Setup Wizard** was used to assign a default **Currency**, **Settlement period**, and **Ledger posting group** to the **IDT Sales tax codes**. You will now verify those assignments and make any necessary corrections.

1. Go to **Tax > Indirect taxes > Sales tax > Sales tax codes**.

2. Update any **IDT Sales tax codes** that do not have the correct **Sales tax currency**, **Settlement period**, or **Ledger posting group** assigned to them.



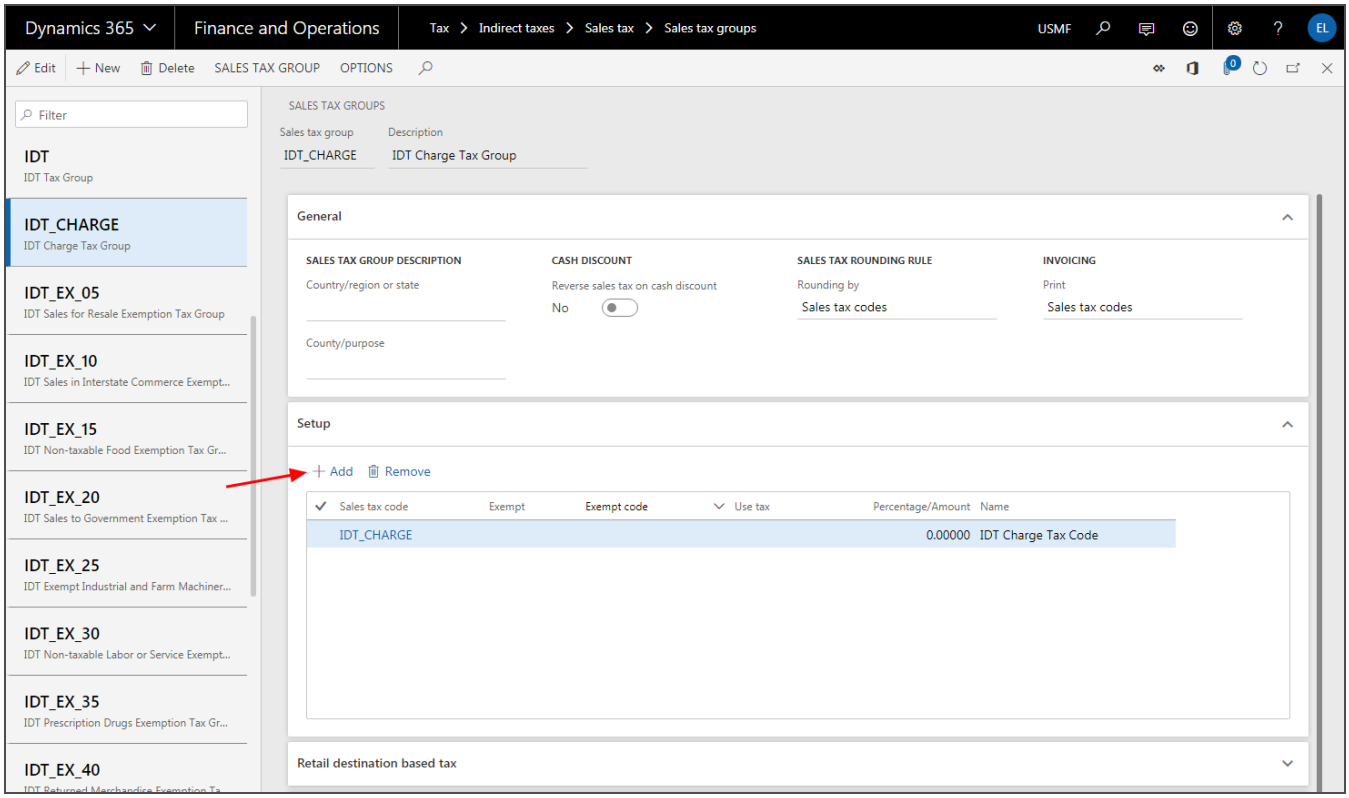
Add IDT Sales Tax Groups and Sales Tax Codes for Charges (Optional)

The **ONESOURCE IDT Setup Wizard** created a generic **IDT_CHARGE** sales tax group and sales tax code. To add additional sales tax groups and sales tax codes for different types of charges, perform the following steps:

1. Go to **Tax > Indirect taxes > Sales tax > Sales tax codes**.
2. Select **New** to create a new **Sales tax code**. The sales tax code must start with **IDT_**, for example. **IDT_FREIGHT**.
3. Go to **Tax > Indirect taxes> Sales tax > Sales tax groups**.
4. Select **New** to create a new **Sales tax group**. The sales tax group must start with **IDT_**, for example. **IDT_FREIGHT**.
5. Go to the **Setup** tab.

6. Select **Add** to assign the sales tax code created in step 2 to the sales tax group created in step 4 .

This should be the only sales tax code assigned to the sales tax group.



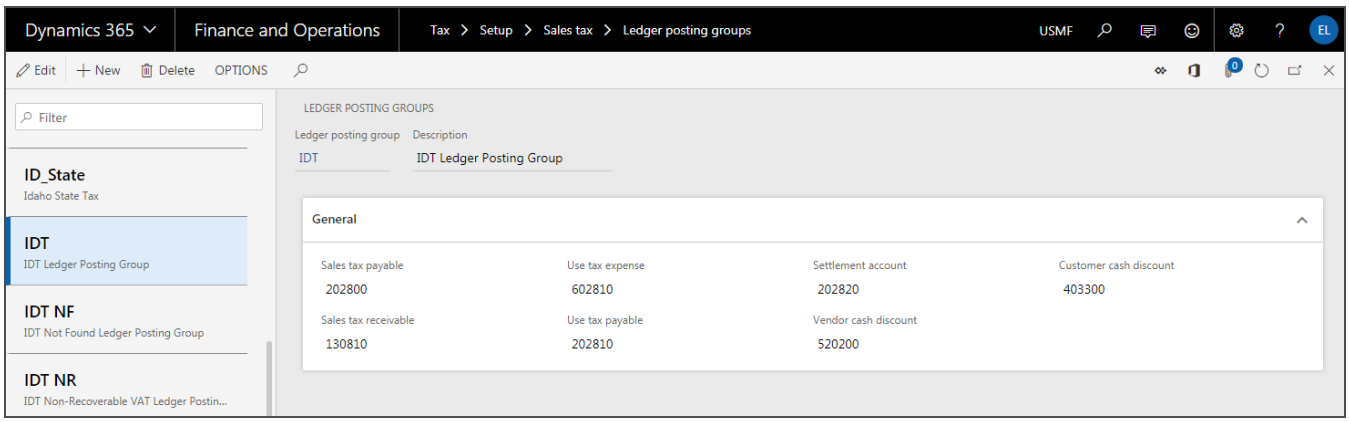
CONFIGURE THE IDT LEDGER POSTING GROUP

The ONESOURCE integration uses the D365O **Ledger posting groups** to specify the accounts to use during the posting of tax-related amounts for selling and purchasing transactions.

You must set up your main tax accounts before completing this section.

1. Go to **Tax > Setup > Sales tax > Ledger posting groups**.
2. Select the **IDT** Ledger posting group.

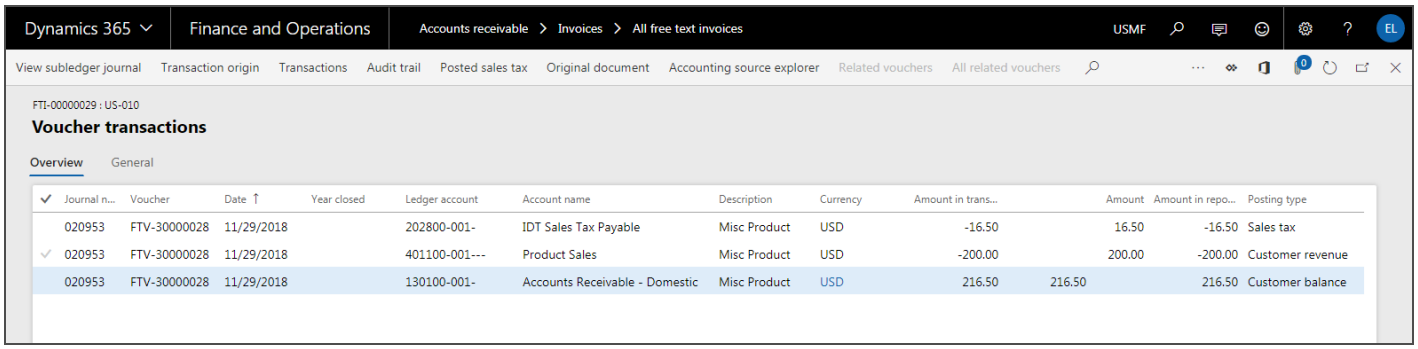
3. Select an account for each of the **Posting** accounts.



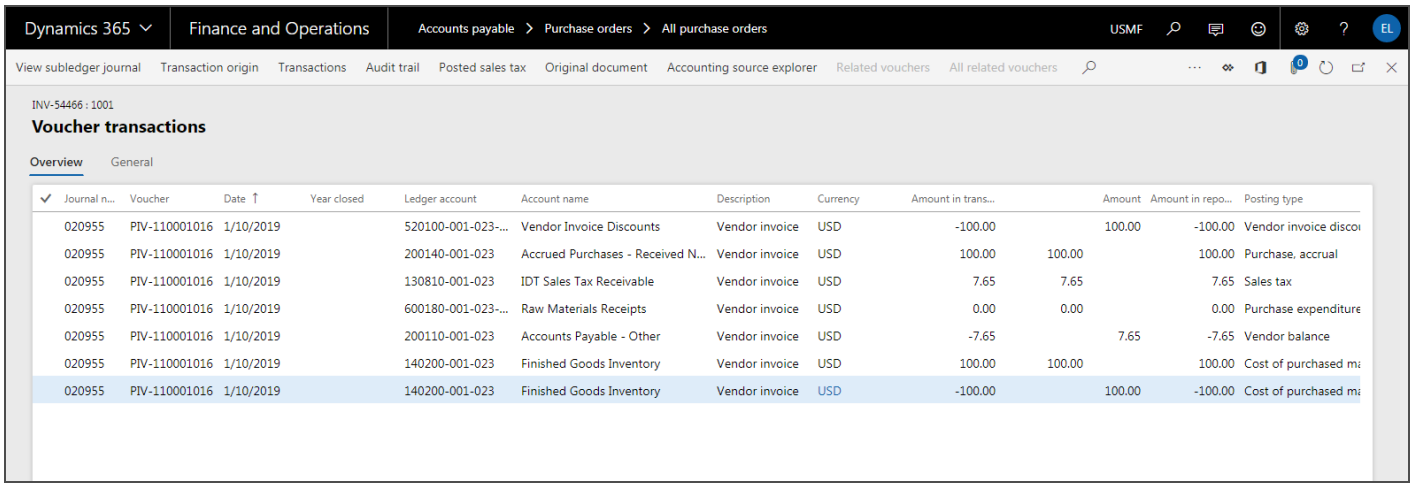
The **Posting** accounts are used for the following purposes:

- **Sales tax payable** - The credit entry for sales tax on a sales invoice.
- **Sales tax receivable** - The debit entry for the vendor-charged use tax on a vendor invoice.
- **Use tax expense** - The credit entry for the accrual of any difference between the vendor-charged tax and the use tax as calculated by ONESOURCE.
- **Use tax payable** - The debit entry for the accrual of any difference between the vendor-charged tax and the use tax as calculated by ONESOURCE.
- **Settlement account** - Not utilized by the ONESOURCE integration for posting purposes.

The following screen shot is an example of a sales invoice voucher:

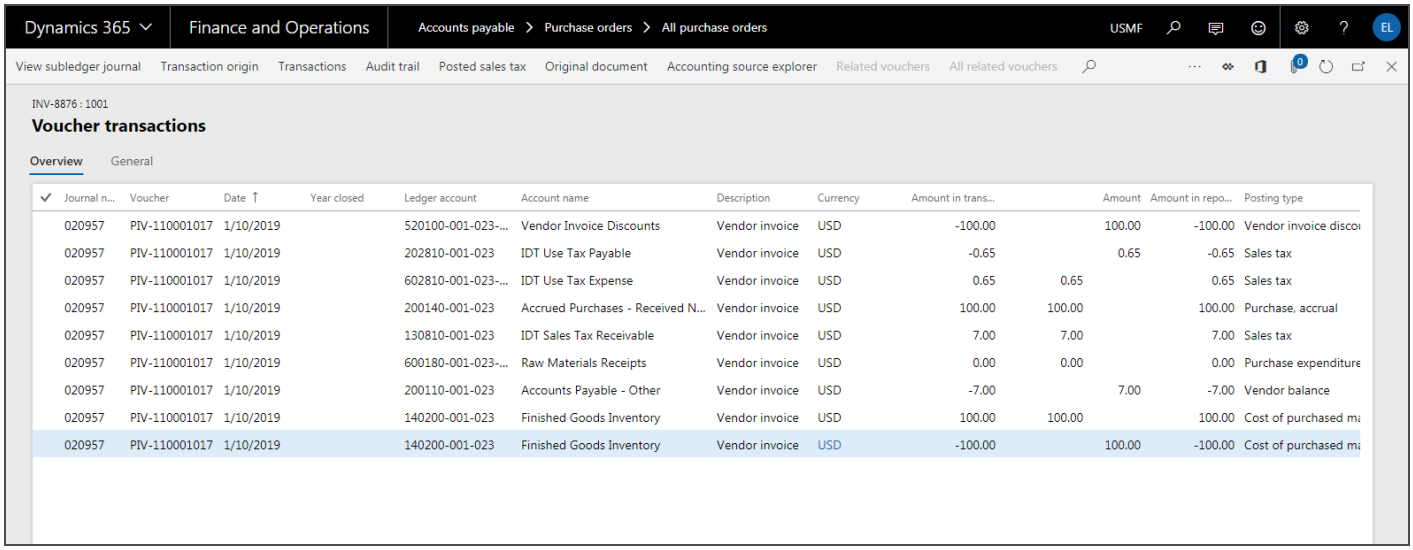


The following screen shot is an example of vendor invoice with VCT, but no accrual:



Journal n...	Voucher	Date	Year closed	Ledger account	Account name	Description	Currency	Amount in trans...		Amount	Amount in repo...	Posting type
020955	PIV-110001016	1/10/2019		520100-001-023-...	Vendor Invoice Discounts	Vendor invoice	USD	-100.00		100.00	-100.00	Vendor invoice disco
020955	PIV-110001016	1/10/2019		200140-001-023	Accrued Purchases - Received N...	Vendor invoice	USD	100.00	100.00		100.00	Purchase, accrual
020955	PIV-110001016	1/10/2019		130810-001-023	IDT Sales Tax Receivable	Vendor invoice	USD	7.65	7.65		7.65	Sales tax
020955	PIV-110001016	1/10/2019		600180-001-023-...	Raw Materials Receipts	Vendor invoice	USD	0.00	0.00		0.00	Purchase expenditure
020955	PIV-110001016	1/10/2019		200110-001-023	Accounts Payable - Other	Vendor invoice	USD	-7.65		7.65	-7.65	Vendor balance
020955	PIV-110001016	1/10/2019		140200-001-023	Finished Goods Inventory	Vendor invoice	USD	100.00	100.00		100.00	Cost of purchased ma
020955	PIV-110001016	1/10/2019		140200-001-023	Finished Goods Inventory	Vendor invoice	USD	-100.00		100.00	-100.00	Cost of purchased ma

The following screen shot is an example of a vendor invoice with an accrual:



Journal n...	Voucher	Date	Year closed	Ledger account	Account name	Description	Currency	Amount in trans...		Amount	Amount in repo...	Posting type
020957	PIV-110001017	1/10/2019		520100-001-023-...	Vendor Invoice Discounts	Vendor invoice	USD	-100.00		100.00	-100.00	Vendor invoice disco
020957	PIV-110001017	1/10/2019		202810-001-023	IDT Use Tax Payable	Vendor invoice	USD	-0.65		0.65	-0.65	Sales tax
020957	PIV-110001017	1/10/2019		602810-001-023-...	IDT Use Tax Expense	Vendor invoice	USD	0.65	0.65		0.65	Sales tax
020957	PIV-110001017	1/10/2019		200140-001-023	Accrued Purchases - Received N...	Vendor invoice	USD	100.00	100.00		100.00	Purchase, accrual
020957	PIV-110001017	1/10/2019		130810-001-023	IDT Sales Tax Receivable	Vendor invoice	USD	7.00	7.00		7.00	Sales tax
020957	PIV-110001017	1/10/2019		600180-001-023-...	Raw Materials Receipts	Vendor invoice	USD	0.00	0.00		0.00	Purchase expenditure
020957	PIV-110001017	1/10/2019		200110-001-023	Accounts Payable - Other	Vendor invoice	USD	-7.00		7.00	-7.00	Vendor balance
020957	PIV-110001017	1/10/2019		140200-001-023	Finished Goods Inventory	Vendor invoice	USD	100.00	100.00		100.00	Cost of purchased ma
020957	PIV-110001017	1/10/2019		140200-001-023	Finished Goods Inventory	Vendor invoice	USD	-100.00		100.00	-100.00	Cost of purchased ma

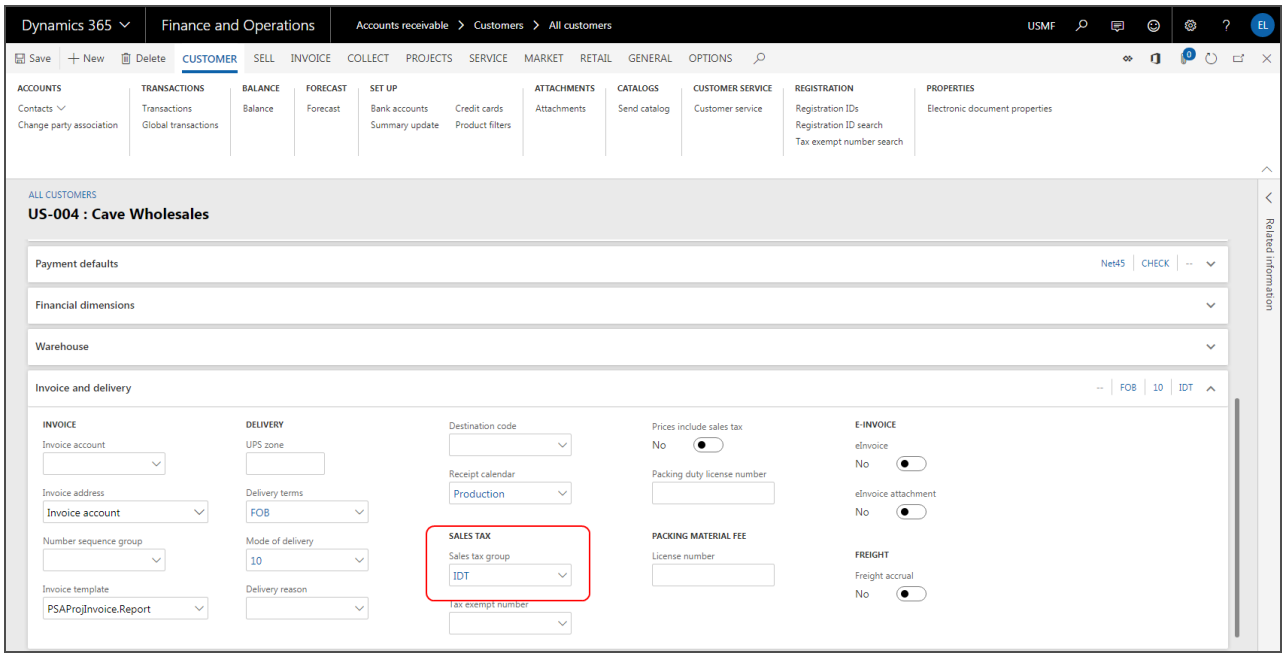
ASSIGN THE IDT SALES TAX GROUP TO CUSTOMERS

Two methods are available to assign the **IDT Sales tax group** to customers.

Method 1: Use the Customer Form to Assign the IDT Sales Tax Group

This method uses the **Customer** form to edit the **Sales tax group**.

1. Go to **Accounts receivable > Customers > All customers**.
2. For each customer that you will use Determination to calculate tax for:
    i. Select **Edit**.
    ii. On the **Invoice and delivery** tab, set **Sales tax group** to **IDT**.



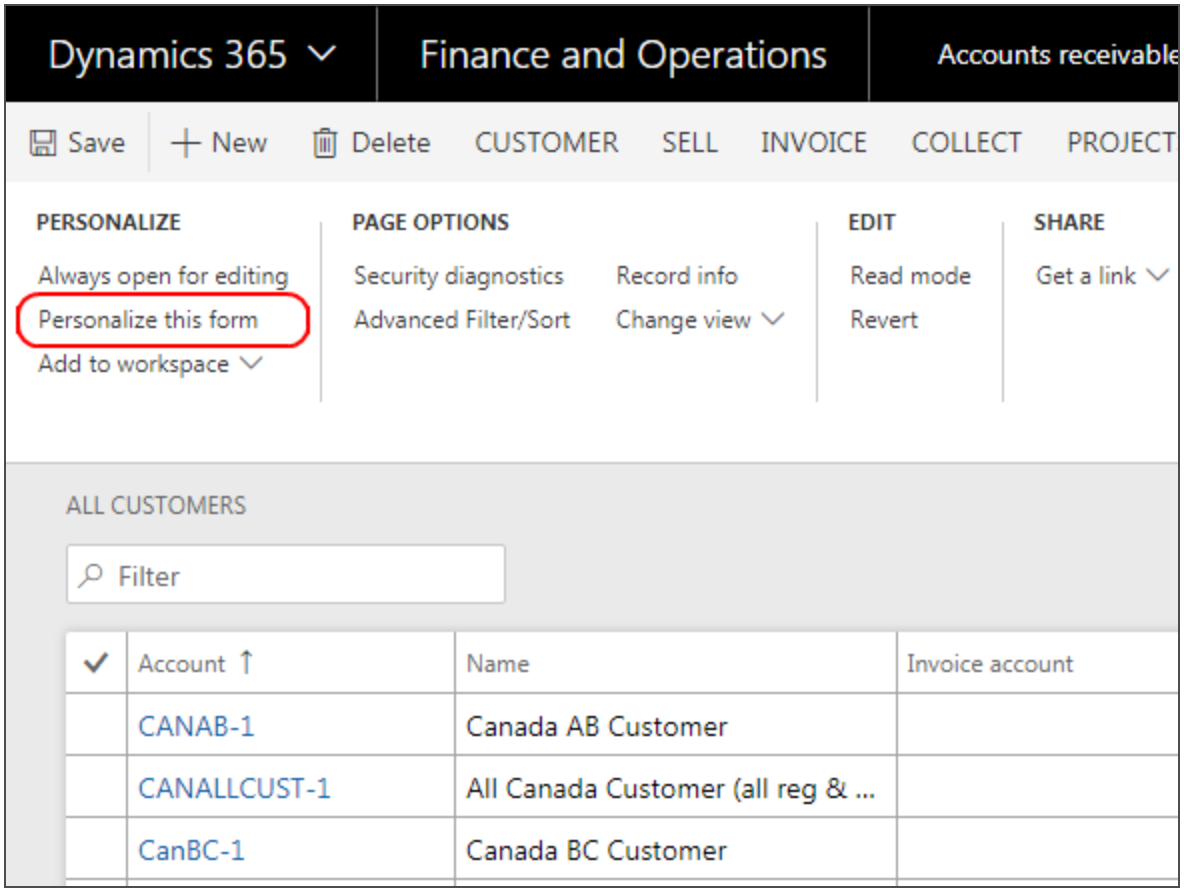
Entering a **Tax exempt number** in the **Tax exempt number** field of the **Customer** form does not impact sales tax calculation. Only exemption certificates maintained in ONESOURCE Certificate Manager impact tax calculation.

Method 2: Create a Custom View with a Column for Sales Tax Group

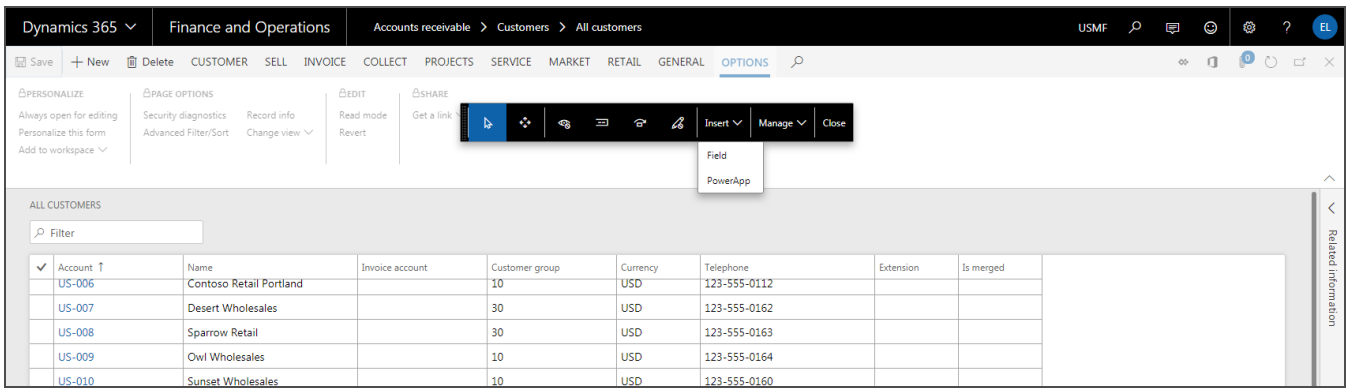
This method involves creating a custom view for the **Customers** form with a **Sales tax group** column and then using the customized form to add the **IDT** sales tax group.

Create the Custom View

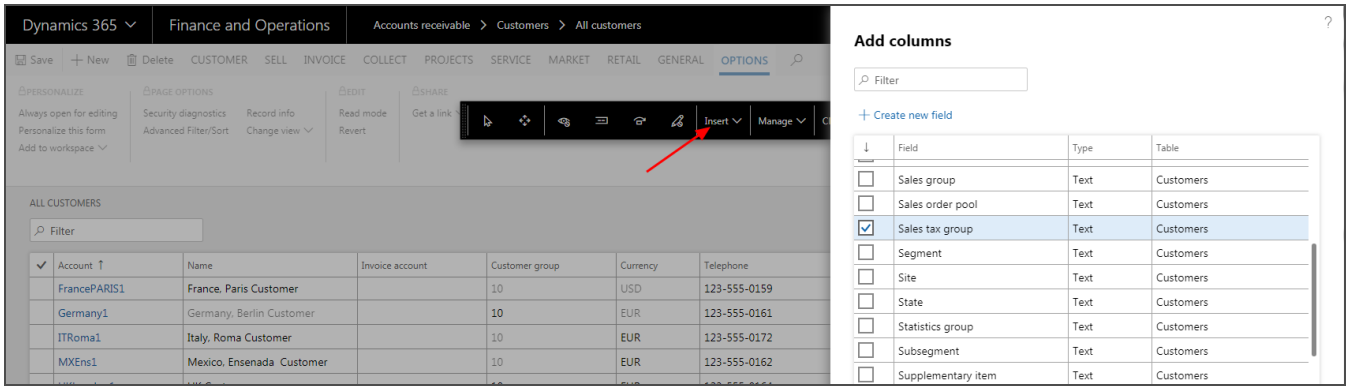
1. Go to **Accounts receivable > Customers > All customers**. The **Customers** form opens.
2. Select **Personalize this form**.



3. Right click on any column in the grid and select **Personalize** to open the **Personalization** form.

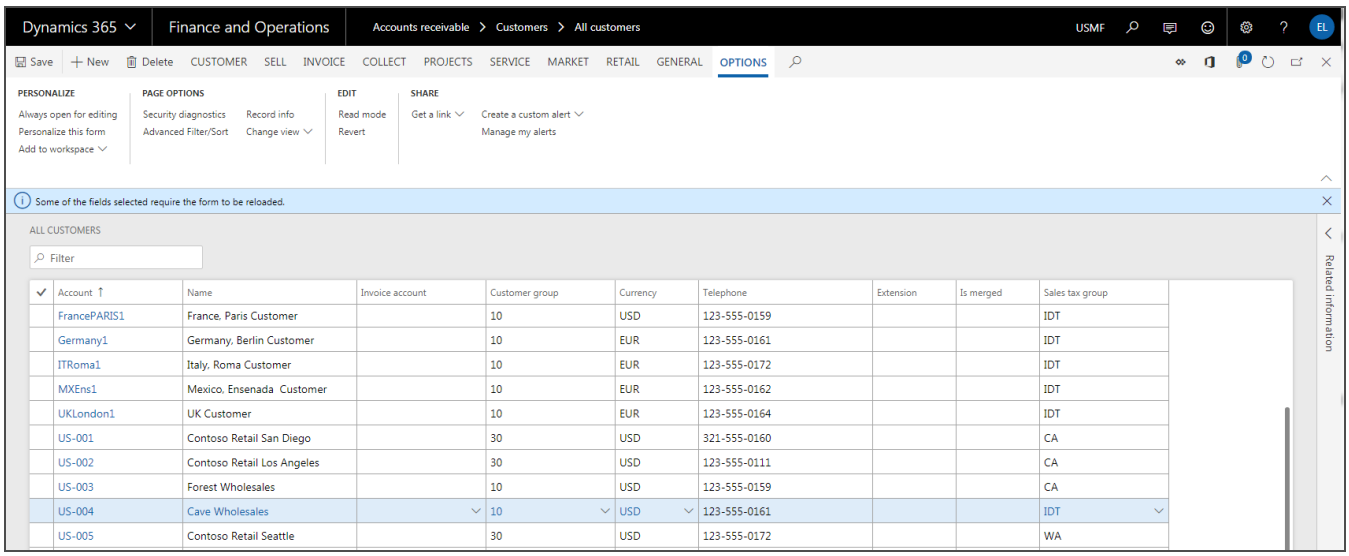


4. Select **Insert a field** on the **Layout** tab.



5. Expand **Customers**.
6. Select **Sales tax group**.
7. Select **Insert** and close the **Select Fields** form.
8. Confirm that **Sales tax group** is listed under **Grid** in the **Layout** section.

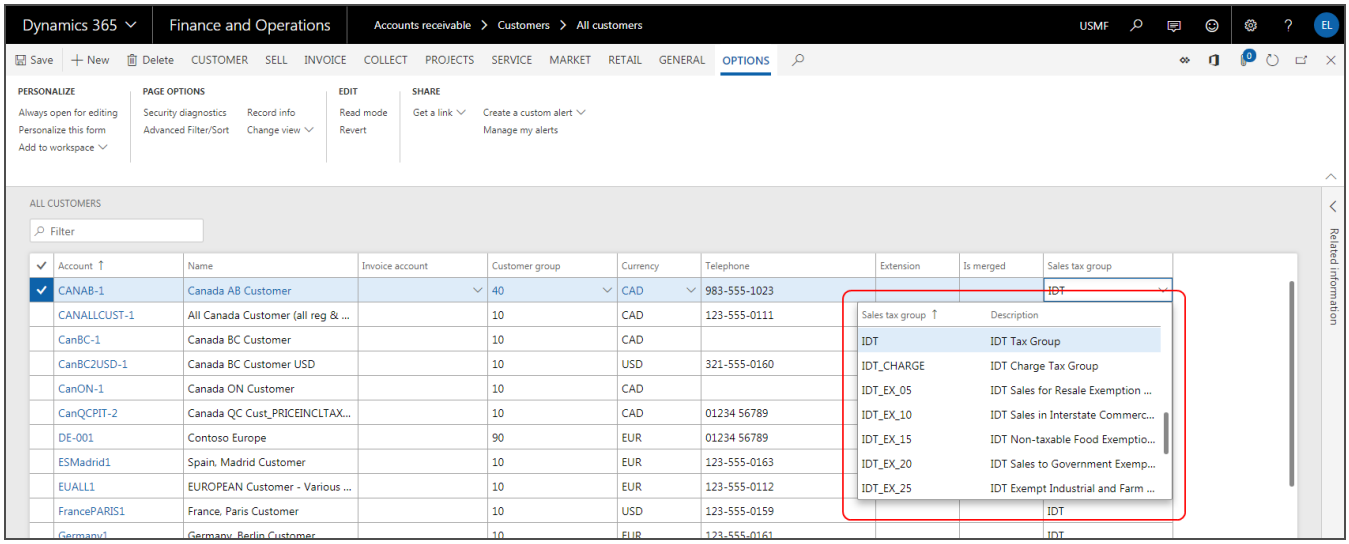
9. Enter a name for the new custom view and select **OK**.



Assign the IDT Sales Tax Group to Customers

After you create the custom view you are ready to begin adding the **IDT** sales tax group to customers.

1. Use the drop-down menu in the new **Sales tax group** column to add **IDT** as the sales tax group to each of your customers you want to use Determination to calculate tax for.



2. After assigning **IDT** as the sales tax group for your customers, select **Close** to save your updates.

   This opens a form asking if you would like to recalculate credit limit. Unless you want to perform this task, select **Cancel** to close the form.

3. Use the **All customers** form to confirm your updates.

ASSIGN THE IDT SALES TAX GROUP TO VENDORS

The two methods available to assign the **IDT** sales tax group to customers are also available to assign the **IDT** sales tax group to vendors.

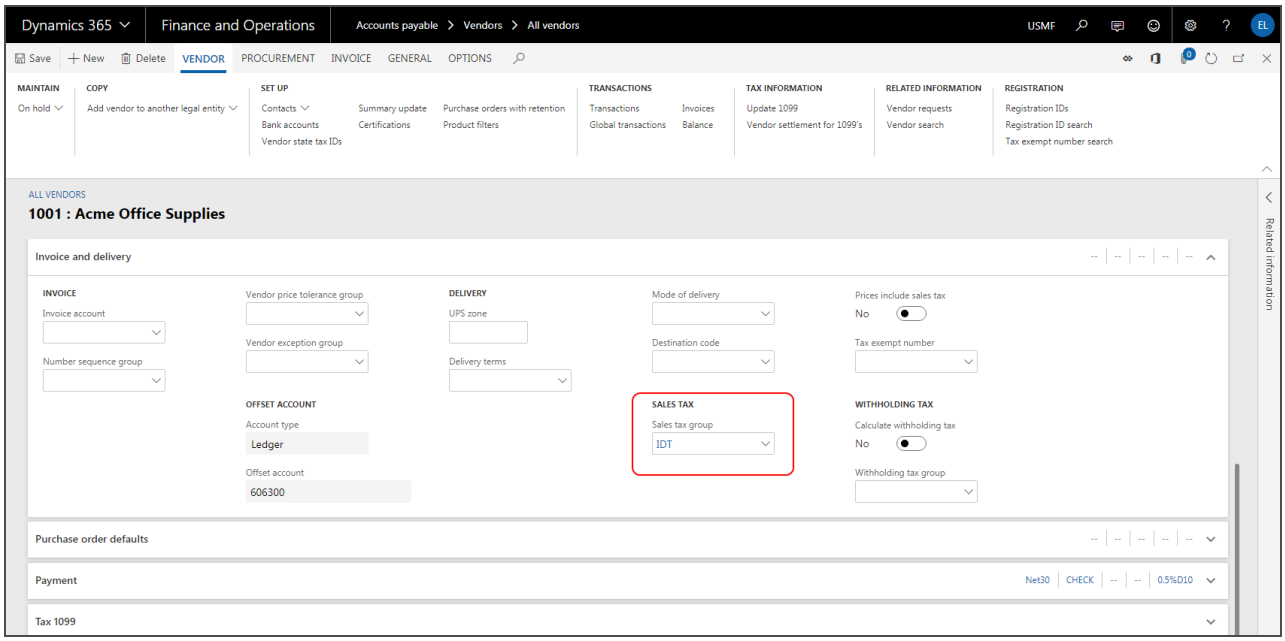
Method 1: Use the Vendor Form to Assign the IDT Sales Tax Group

This method uses the **Vendor** form to edit the **Sales tax group**.

1. Go to **Accounts payable > Vendors > All vendors**.
2. For each vendor that you will use Determination to calculate tax for:

   i. Select **Edit**.

   ii. On the **Invoice and delivery** tab, set **Sales tax group** to **IDT**.



Method 2: Create a Custom View

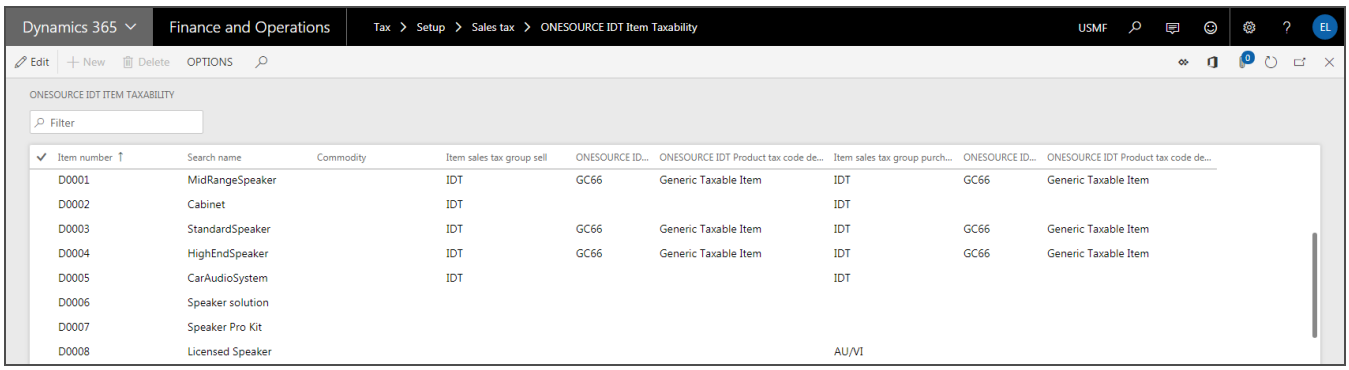
You may also create a custom view for vendors as you did to update the sales tax group for customers.

ASSIGN THE IDT ITEM SALES TAX GROUP AND IDT PRODUCT TAX CODE TO ITEMS

Two methods are available to assign the **IDT Item sales tax group** and an **IDT product tax code** to your items. You may assign different IDT Product tax codes for sales and purchases of an item.

Method 1: ONESOURCE IDT Item Taxability Form

1. Go to **Tax > Setup > Sales tax > ONESOURCE IDT Item Taxability**.
2. Select the desired item.
3. Set the **Item sales tax group** to **IDT**.
4. Set the **ONESOURCE IDT Product tax code** to the desired code for sales and purchases of the item.



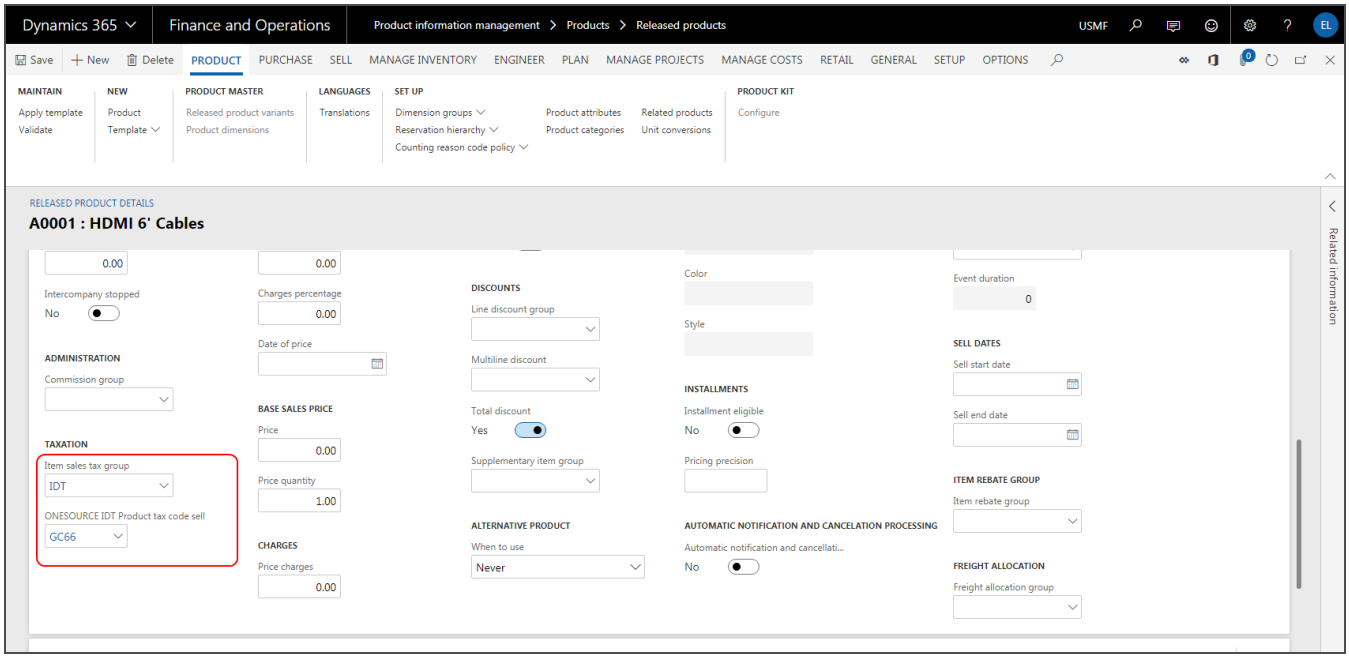
Item number	Search name	Commodity	Item sales tax group sell	ONESOURCE ID...	ONESOURCE IDT Product tax code de...	Item sales tax group purch...	ONESOURCE ID...	ONESOURCE IDT Product tax code de...
D0001	MidRangeSpeaker		IDT	GC66	Generic Taxable Item	IDT	GC66	Generic Taxable Item
D0002	Cabinet		IDT			IDT		
D0003	StandardSpeaker		IDT	GC66	Generic Taxable Item	IDT	GC66	Generic Taxable Item
D0004	HighEndSpeaker		IDT	GC66	Generic Taxable Item	IDT	GC66	Generic Taxable Item
D0005	CarAudioSystem		IDT			IDT		
D0006	Speaker solution							
D0007	Speaker Pro Kit							
D0008	Licensed Speaker					AU/VI		

You may also use this form to set a commodity code.

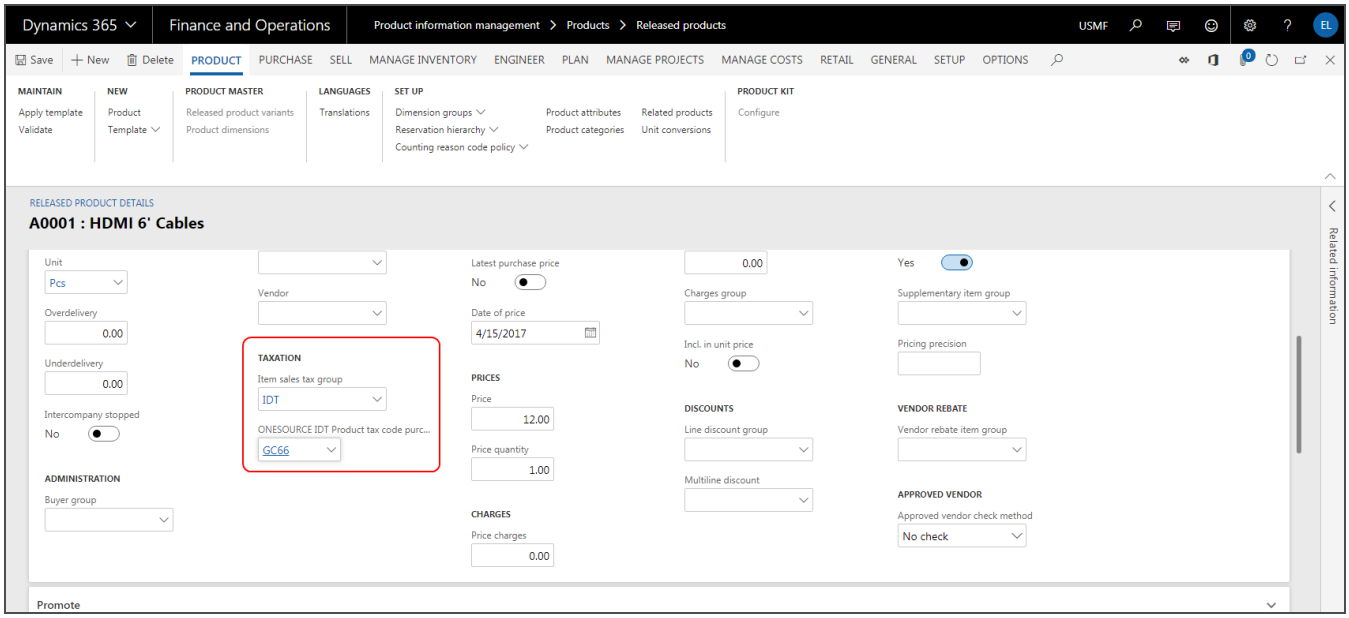
5. Repeat these steps for each item for which Determination will be used to calculate tax.

Method 2: Released Products Form

1. Go to **Product information management > Products > Released products**.
2. On the **Action Pane** of the **Maintain** group, select **Edit**.
3. On the **Sell** tab, set the **Item sales tax group** to **IDT** and the **ONESOURCE IDT Product tax code sell** to the desired product code.



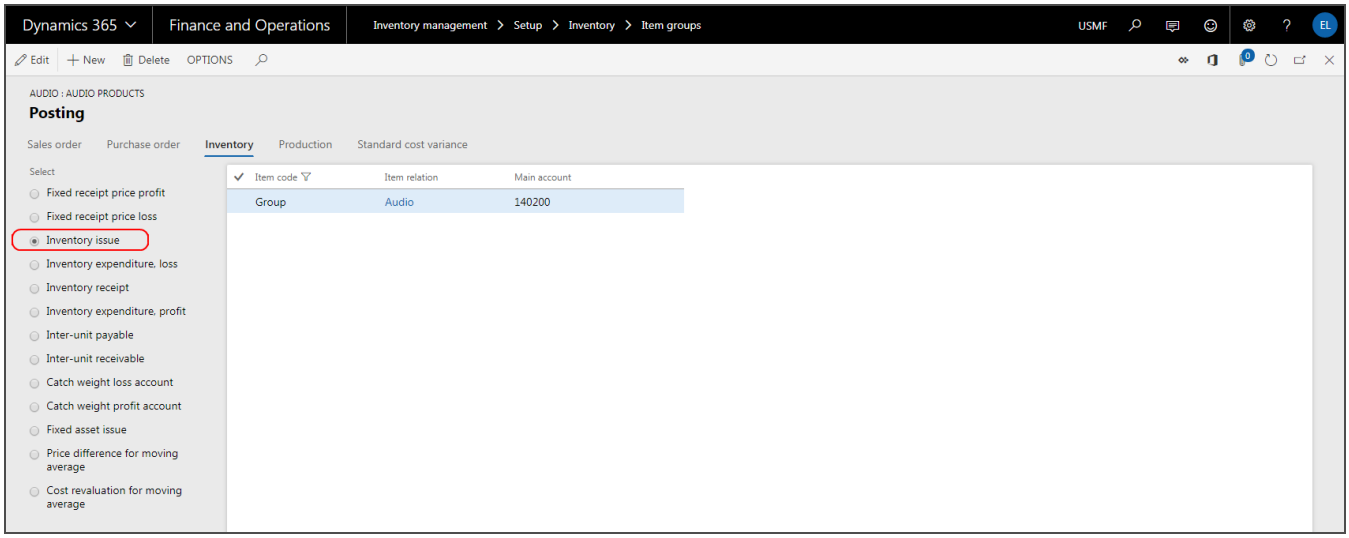
4. On the **Product** tab, set the **Item sales tax group** to **IDT** and the **ONESOURCE IDT Product tax code purchase** to the desired product code.



5. Repeat these steps for each item for which Determination will be used to calculate tax.

SET UP POSTING PROFILES

1. Go to **Inventory management > Setup > Inventory > Item groups**.
2. Select the desired **Item group**.
3. Select **Posting**.
4. Select **Inventory issue** on the **Inventory** tab to verify that an account has been assigned.



More information about how to use this form is available by selecting **Help** to open the Microsoft help wiki or by visiting the Microsoft website.

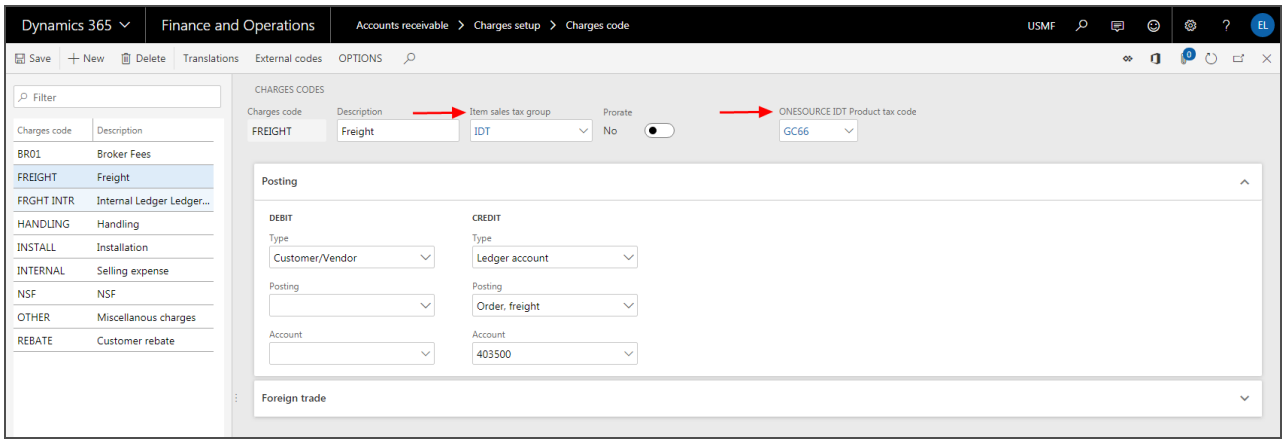
ADDITIONAL CONFIGURATION

The configuration tasks in this section may be required depending on your business needs.

Configure D365O to Use Determination to Calculate Tax on Charges

If you will use Determination to calculate tax for charges, you must assign the **ONESOURCE IDT Item sales tax group** and a **ONESOURCE IDT Product tax code** to the charges codes.

1. Go to **Accounts receivable > Charges setup> Charges code**.
2. For each **Charges code**:
    - Set the **Item sales tax group** to **IDT** if you are using the **Charges code** at the header level.
    - Set the **ONESOURCE IDT Product tax code** to the desired product tax code.

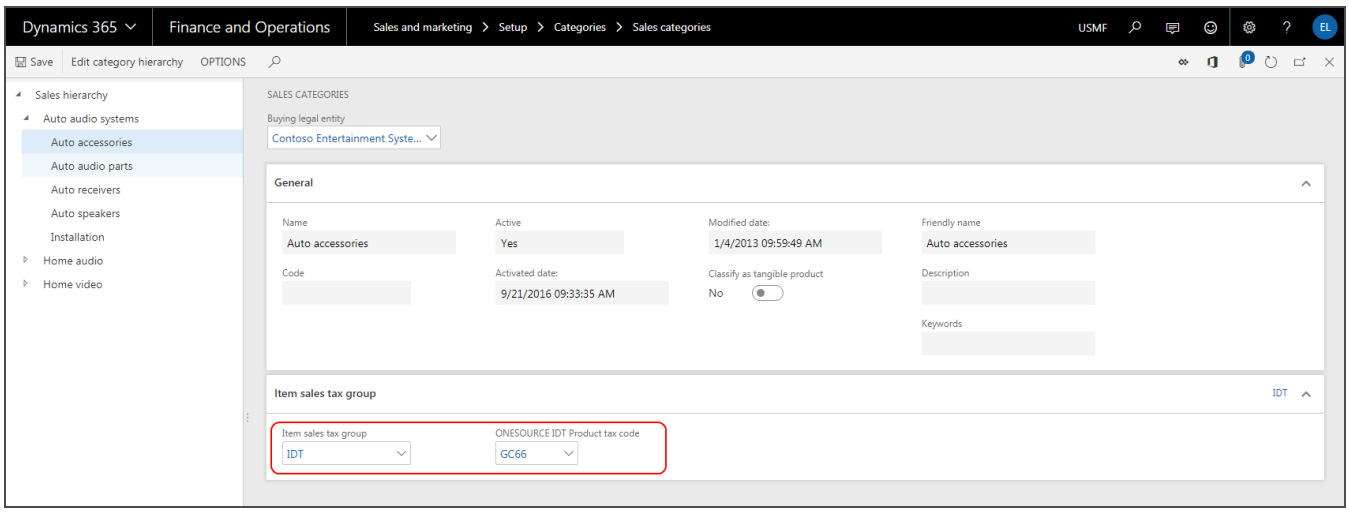


Configure D365O to Use Determination to Calculate Tax for Sales Categories

If you will use Determination to calculate tax for sales categories, you must assign the **ONESOURCE IDT Item sales tax group** and a **ONESOURCE IDT Product tax code** to your sales categories.

1. Go to **Sales and Marketing > Setup > Categories > Sales categories**.
2. Set the **Item sales tax group** to **IDT**.

3. Set the **ONESOURCE IDT Product tax code** to the desired product tax code.



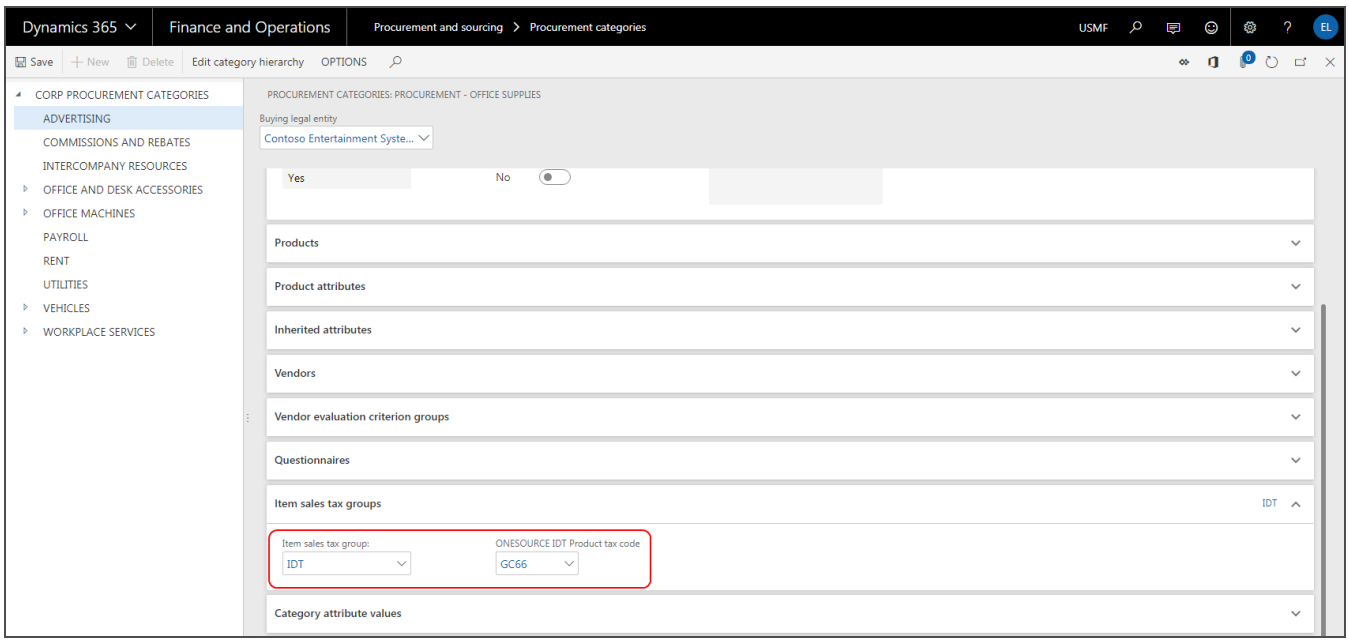
4. Repeat these steps for each sales category.

Configure D365O to Use Determination to Calculate Tax for Purchasing Categories

If you will use Determination to calculate tax for purchasing categories, you must assign the **ONESOURCE IDT Item sales tax group** and a **ONESOURCE IDT Product tax code** to your purchasing categories.

1. Go to **Procurement and sourcing > Consignments > Procurement categories**.
2. Set the **Item sales tax group** to **IDT**.

3. Set the **ONESOURCE IDT Product tax code** to the desired product code.



4. Repeat these steps for each procurement category.

The integration sources the expense account that is used in the tax request from the posting configuration. To confirm that an expense account is assigned to the procurement category, or to add one if needed, perform the following steps:

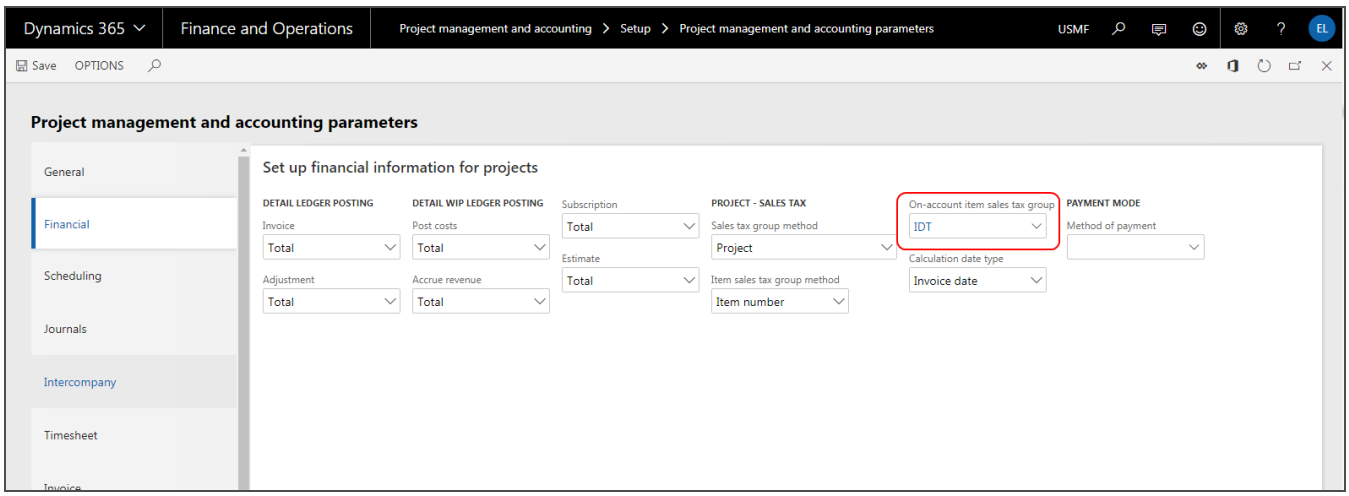
1. Go to **Inventory Management > Setup > Posting > Posting**.
2. Go to the **Purchase Order** tab and select the **Purchase expenditure for product** radio button.
3. Confirm that a expense account is assigned to the purchasing category or add a record to assign a expense account to the purchasing category.

Configure D365O to Use Determination to Calculate Tax for Project On-Account Transactions

If you will use Determination to calculate tax for Project On-account transactions, you must assign the ONESOURCE IDT Item sales tax group to On-account item sales tax group on the **Financial** tab of the **Project management and accounting parameters** form.

Assign the IDT Sales Tax Group to the On-account Item Sales Tax Group

1. Go to **Project management and accounting > Setup > Project management and accounting parameters**.
2. Set the **On-account item sales tax group** to **IDT**.



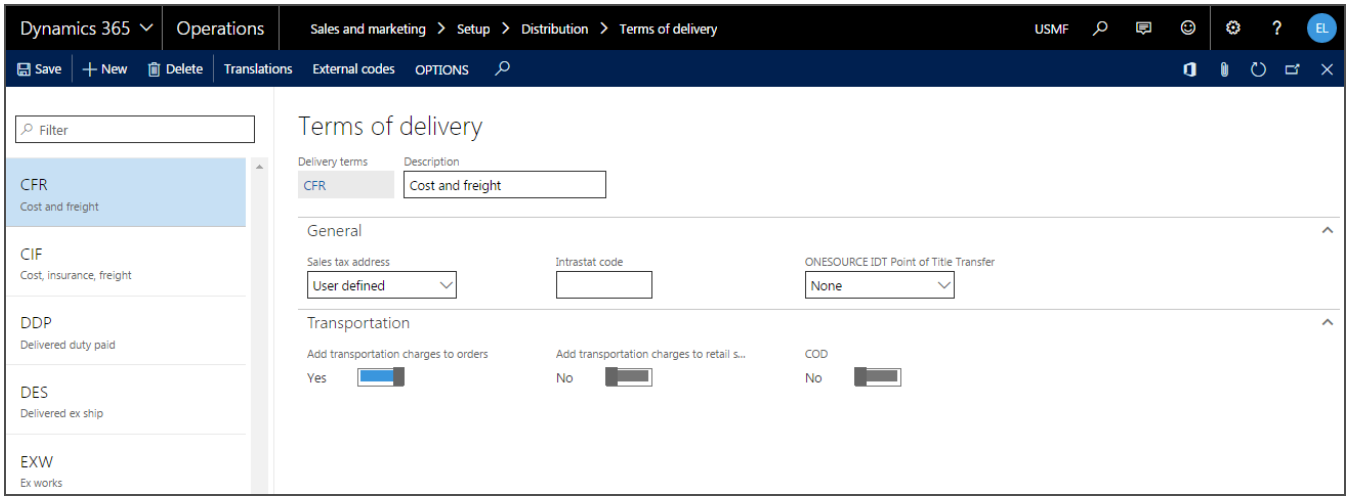
Set Point of Title Transfer for Delivery Terms

Delivery terms establish shipping responsibilities, payments of costs and duties, and when the risk of loss transfers. Delivery terms do not establish where the title transfers (the taxable event), which may be a different physical location than the delivery location. Therefore, for accurate tax calculation, it may be necessary to set a point of title transfer on the delivery terms.

Point of Title Transfer indicates where the title transfers. Each of the standard D365O delivery terms should be assigned a **ONESOURCE IDT Point of Title Transfer** code to specify where the transfer of the title of ownership takes place. This will be destination, origin or in-transit. Use the following relationship between the Delivery Terms and the point of title transfer code to assign the codes:

DELIVERY TERMS CODE	POINT OF TITLE TRANSFER CODE
CFR	None
CIF	None
DDP	Destination
DES	None
EXW	Origin
FAS	None
FCA	None
FOB	None

1. Go to **Sales and marketing > Setup > Distribution > Terms of delivery**.
2. Set the **ONESOURCE IDT Point of Title Transfer** to the desired value.



Set up Tax Registrations

Follow the instructions in this section to set up your legal entity registrations in Determination and your customer and vendor registrations in D365O.

Legal Entity Registrations

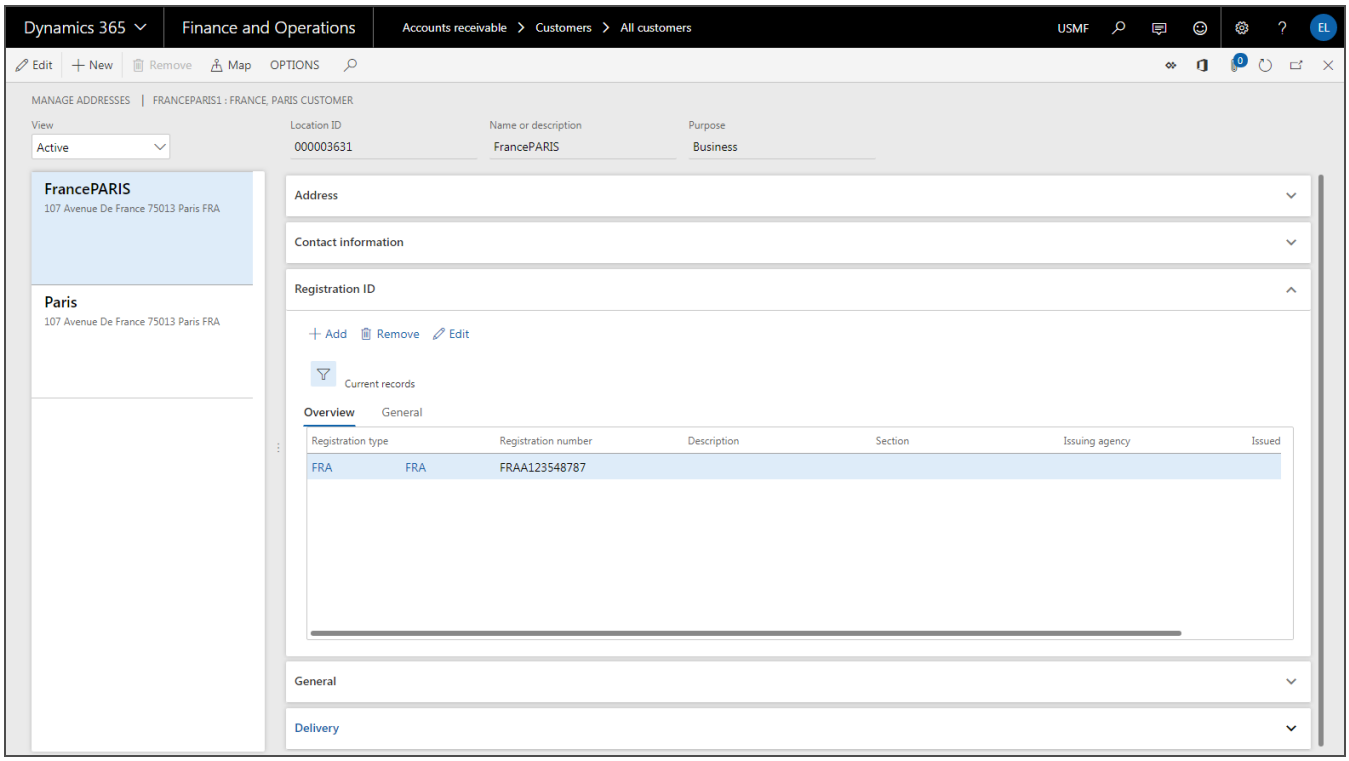
To enable Determination to calculate tax on your non-US transactions, set up the registrations for your legal entities in Determination. Registrations for your legal entities that are configured in D365O are not sent to Determination for tax calculation.

Customer Registrations

Registrations for the buyer (customer) should be set on any addresses that may be shipped to (typically these addresses have a purpose of **Delivery**).

1. Go to **Accounts receivable > Customers > All customers**.
2. Select a customer, and then select **Edit**.
3. Go to the **Address** fast tab.

4. Select the desired address, and then select **Advanced** from the **More options** tab.
5. Go to the **Registration ID** tab.
6. Create the registration.



To be considered during tax calculation, the registration must be associated with one address that is used as either a bill-to or a ship-to location on the sales transaction.

Vendor Registrations

Registrations for the seller (vendor) should be set on any addresses that may be purchased from (typically these addresses have a purpose of **Business**).

1. Go to **Accounts payable > Vendors > All vendors**.
2. Select a vendor, and then select **Edit**.
3. Go to the **Address** tab.
4. Select the desired address, and then select **Edit**.
5. Go to the **Registration ID** tab.
6. Create the registration(s).

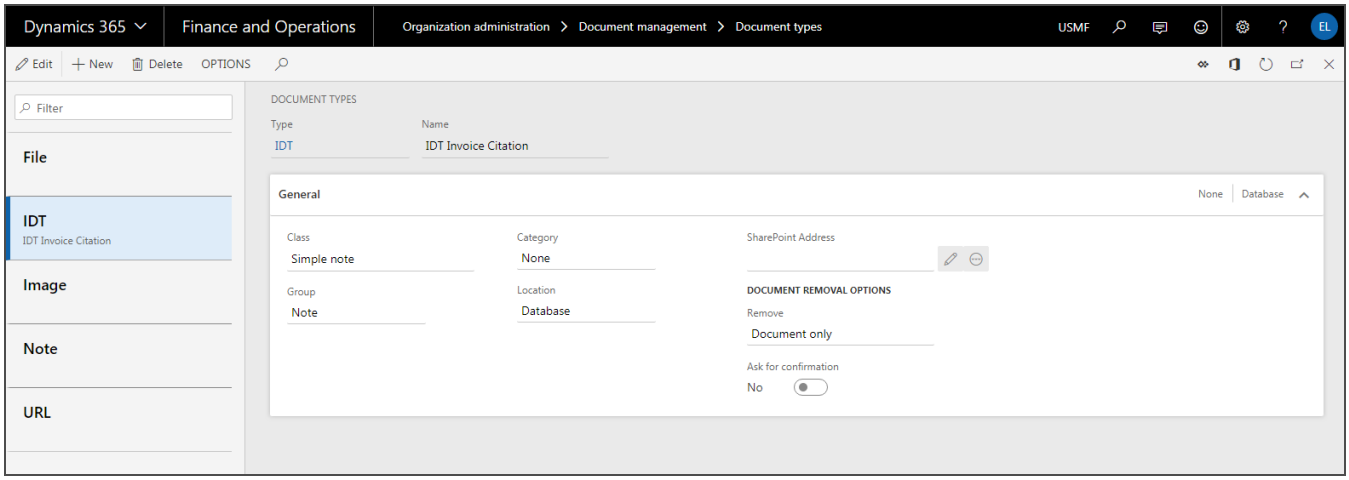
Configure Currency Conversions

The configuration of currencies and exchange rates in D365O impacts the ONESOURCE IDT integration. All amounts in the tax request are converted from the transaction currency to company base currency using the **Default Exchange Rate Type** selected on the **Ledger** form under the menu path **General Ledger > Ledger Setup > Ledger**. As such, tax is calculated using the company base currency and returned to D365O where it is converted back to the transaction currency using the same rate. In ONESOURCE IDT, the transaction is recorded in the company base currency.

Configure D365O Document Types to Accept IDT Invoice Descriptions and Jurisdictional Texts

The Determination tax calculation and response returns invoice descriptions, relevant tax registration numbers, and jurisdictional texts to be attached to the transaction using the D365O document management feature. The document type "IDT" must exist in each legal entity to accommodate this feature.

1. Go to **Organization administration > Document management > Document types**.
2. Set up the IDT document type, or confirm that the IDT document type is set up, in each legal entity.

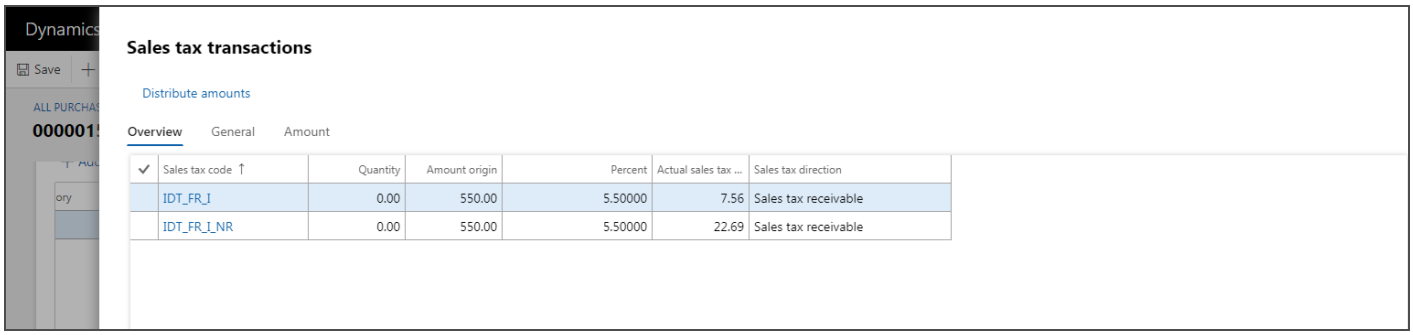


CONFIGURE RECOVERABILITY FOR PURCHASES

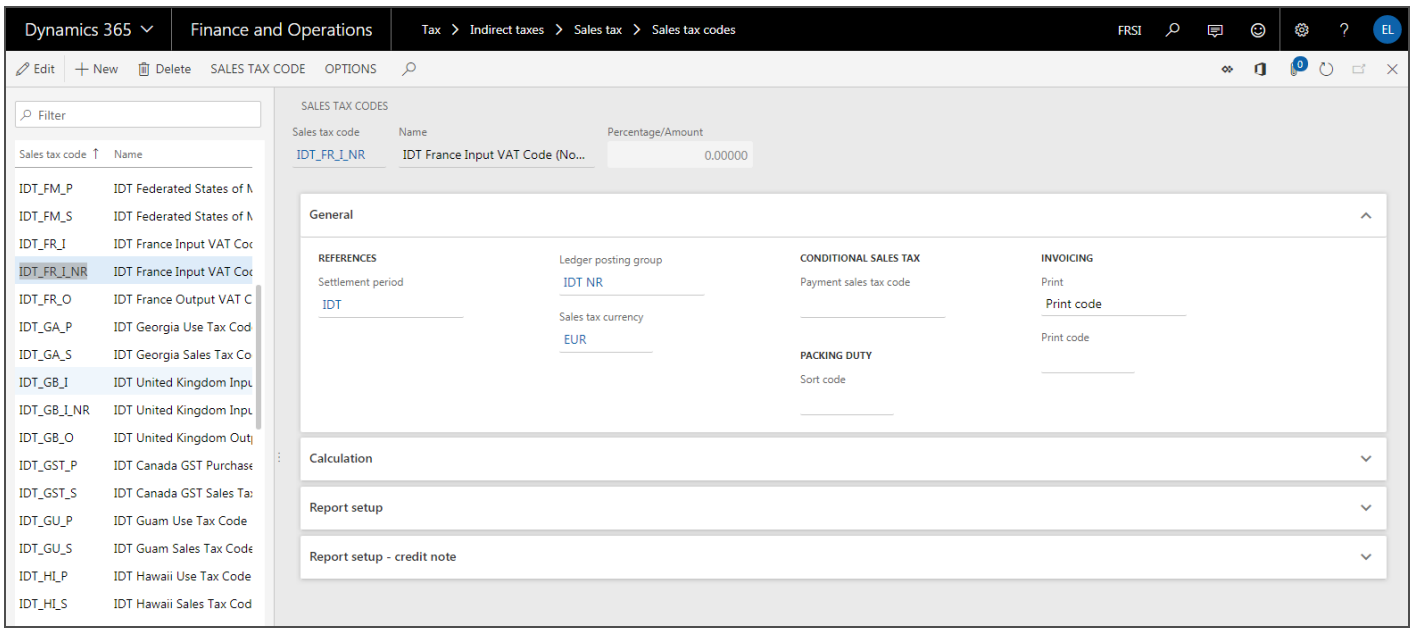
Recoverability and partial recoverability for purchase transactions is supported by ONESOURCE. There are currently many partial recoverability rules included in standard Determination Content. If you need to configure partial recoverability for a product for which a rule is not provided you can create a custom rule in Determination.

By default, 100% of the input tax returned in a tax response is considered recoverable. You can override this behavior by configuring rules in Determination to define recoverability for items used in the course of your specific business activity. These custom rules determine the input recovery percent for a given line resulting in two tax blocks, one for recoverable and the other for the non-recoverable input tax. Generally the non-recoverable portion would be aligned with an expense account in your D365O Sales tax code configuration.

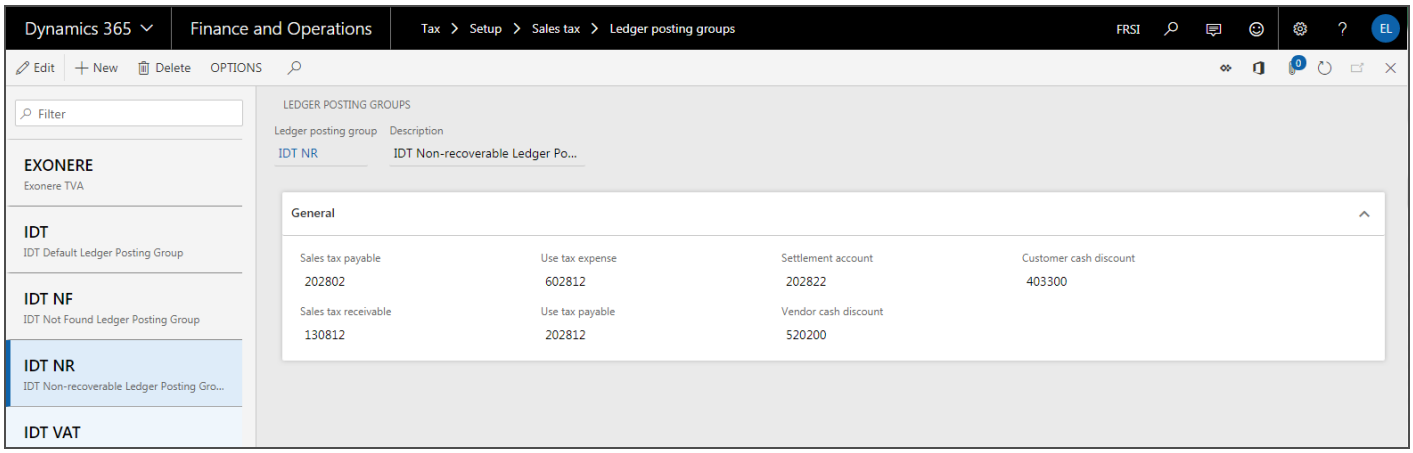
Without recoverability configured for the item in the following example, the Temporary tax lines would display a single line with a tax amount of €550. With recoverability configured with rules in Determination, the result is split into recoverable and non-recoverable amounts. In our example the €550 VAT is 25% recoverable. The non-recoverable portion is posted to a separate Ledger posting group called **IDT_NR** in our example seen in the following screen shots.



GL postings for the recoverable and non-recoverable portions of the tax are controlled by the Ledger posting group assigned to the Sales tax code. Below is the Sales tax code for the non-recoverable tax and associated Ledger posting group.



Ledger posting groups may be added, and assigned to the non-recoverable Sales tax codes, for each country if posting by country is desired.



CALCULATING SALES TAX

Once the ONESOURCE Indirect Tax Integration for D365O and ONESOURCE Indirect Tax Determination are installed and configured, taxes for sales transactions are calculated seamlessly. This section provides an overview of some of the common business processes executed with Determination.

This chapter contains the following topics to help you get started calculating and viewing sales tax with Determination:

Addresses Used for Tax Calculation 57
Sales Documents 58
Free Text Invoices 60
Project Invoices 62

ADDRESSES USED FOR TAX CALCULATION

The ship from address used by Determination to calculate tax will be one of the following locations (listed in order of priority):

1. The primary address of the Warehouse.
2. The primary address of the Site.
3. The primary address of the Legal entity (company) will be selected if there are no Warehouse or Site addresses with a purpose of "Primary".
4. For direct delivery shipments (drop shipments), the ship from address is sourced from the vendor's ship from address on the associated Purchase Order and Line Warehouse address. Direct delivery orders are triggered when the **Delivery Type** field on the **Delivery** tab of the sales order line is selected.

The ship to address used by Determination to calculate tax will be the address displayed on the **Address** tab for the sales order line. The supply address, as used by Determination, will be also be sourced from the **Address** tab.

The General Ledger account included in the tax request for the item sales line is sourced from the inventory issue. The General Ledger account for a line with a Sales Category is sourced from the sales order issue.

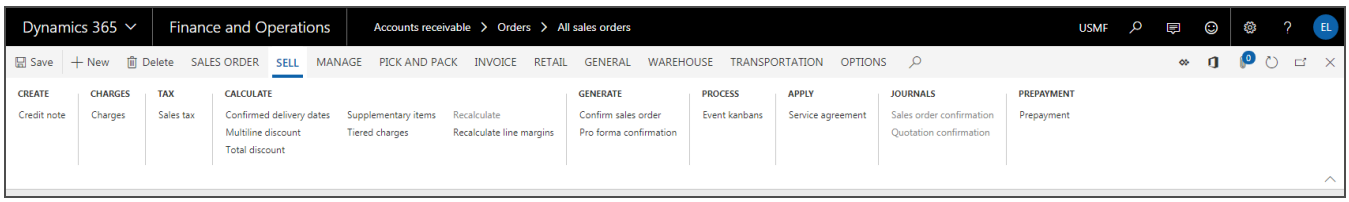
D365O offers both header level and line level credits. However, both credit levels use the header address as the ship to address by default. Review the ship to addresses for the header and line level credits prior to posting the credit to ensure an accurate tax calculation.

SALES DOCUMENTS

During sales order processing, Determination is called to calculate tax for your sales documents. The following example describes a Sales Order, but the process for Sales Quotes, Journals, Return Orders, Credit Notes, and Invoices is similar.

1. Go to **Accounts receivable > Orders > All sales orders**.
2. Open a **Sales order**.
3. Select a **Sales order line**.
4. Go to the **Line details** tab.
5. Verify the following:
    - **Sales tax group** is set to one of the following:
        - **IDT** for a default sales transaction.
        - **IDT_EX_**** for a default tax calculation of exempt when a customer claims to be exempt, but an exemption certificate is not yet configured in Determination. The "**" refers to a specific reason for the exemption. See the Sales Tax Exempt Codes table in Appendix B - ONESOURCE-Specific Tax Groups and Tax Codes (page 91) for more information.
        - **IDT_OVRRDE** to calculate tax on single line exemptions where the entity is usually exempt. This option is used when a customer has a tax-exempt certificate maintained in Determination, but you wish to override the exemption and charge tax for a particular line item. For example, you sell two items to a customer who holds a reseller's certificate. Normally, all transaction lines default to exempt. However, if one of the items in this sale is intended for the customer's own consumption, the sale of that item would not qualify for a resale exemption. To override the default taxability for this line, you can set the Sales tax group to **IDT_OVRRDE** to calculate tax for the item.
    - **Item sales tax group** is set to **IDT**.

6. Select **Sales tax** on the **Sell** ribbon (**Quotation** ribbon for quotes). Tax is calculated on the entire order.



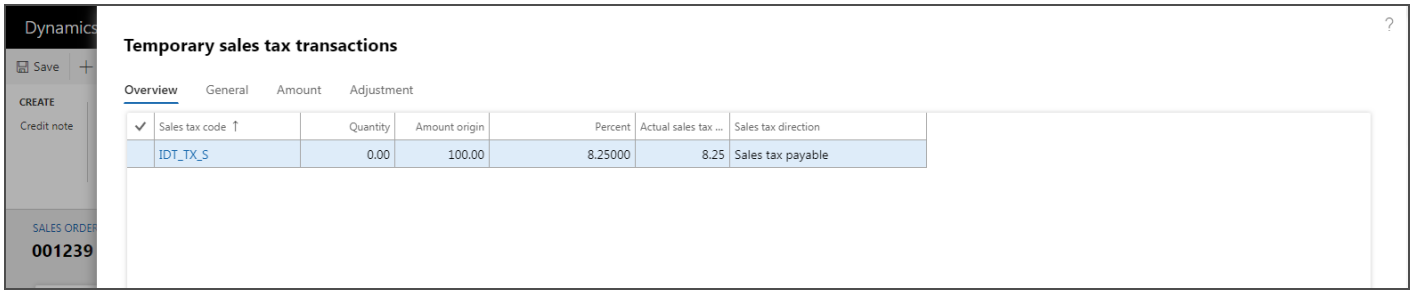
You do not need to select **Sales tax** to view taxes before saving a sales document. Tax is calculated automatically when the document is saved.

Changing the delivery address on a transaction does not automatically trigger a new tax calculation. This behavior is consistent across all document types.

To view taxes by document line, select the **Financials > Sales tax** menu option.

Temporary Sales Tax Transactions

The quantity field will be "0" on each temporary tax line as shown in the following screenshot. However, the quantity for the line is considered in the tax calculation. In some cases, where a reduced basis is used by Determination to calculate the tax amount, the **Amount origin** multiplied by the tax percent may not equal the Actual sales tax amount.



Entering Credit Memos

When entering credit memos, enter the **Invoice date** of the original invoice you are crediting to ensure that you receive a tax result consistent with the original invoice.

Entering Return Orders

Return orders are created using the standard D365O procedure. If the tax on the original order was calculated by Determination, the tax on the return order will also be calculated by Determination. No additional steps are required.

1. Go to **Sales and Marketing > Common > Return Orders > All Return Orders**.
2. To open the **Return Order** form, create a new Return Order.
3. Select **Find Sales Order** on the **Return Order** ribbon menu.
4. Select the original Sales Order and line(s) to return and then select **OK**.
5. Select the line(s) and then select **Registration** from the **Update Line** menu.
6. Confirm the registration and close the registration form.
7. Generate the packing slip by selecting **Packing Slip** from the **Generate** ribbon menu, then post and print the packing slip.
8. Process the credit memo created at **Sales and Marketing > Common > Sales Orders > All Sales Orders**. Tax will be calculated by Determination for the credit memo.

Tax Calculation on Header and Line Charges

ONESOURCE calculates tax for both header and line charges. Header charges are displayed as their own row in the **Temporary sales tax transactions** form. Tax is calculated using the header characteristics, such as the header delivery address, and the values for the Item sales group and IDT product code on the charge code.

Taxes for line-level charges are calculated using the addresses for the line they are associated with, and the IDT product tax code set for the charge code. The tax for the line charge is summarized with taxes for the item as a single row on the **Temporary sales tax transactions** form.

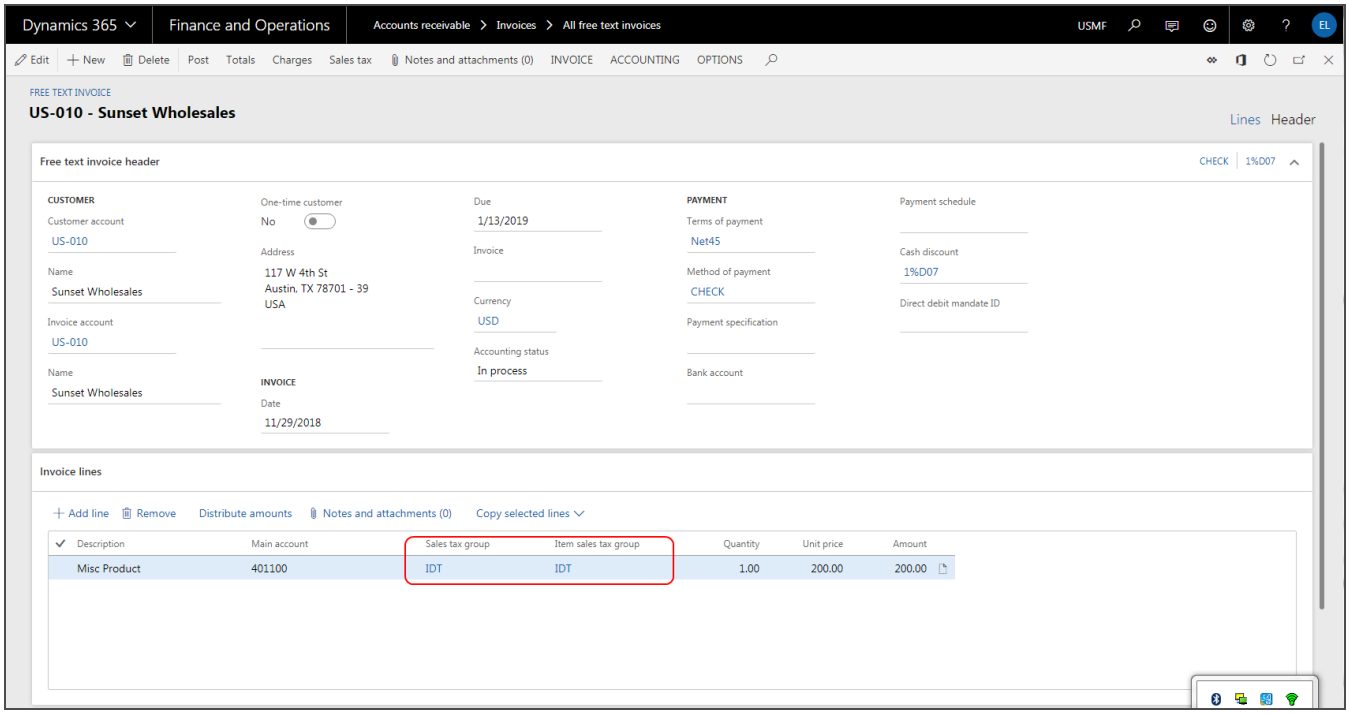
Line charges are limited to a total of 9 line charges per line. Additionally, line charges are not supported for the **price includes tax** calculation scenario.

FREE TEXT INVOICES

1. Go to **Accounts receivable > Invoices > All free text invoices**.
2. Open a **Free text invoice**.

3. Verify that the **Sales tax group** is set to **IDT** (or one of the groups that begins with **IDT_**).

4. Verify that the **Item sales tax group** is set to **IDT**.



5. Select **Sales tax** from the **Main** ribbon.

When entering a new **Free text invoice**, confirm your ship to address at the header level and enter your header level charges before calculating sales tax.

The document number sent to ONESOURCE Determination for a Free text invoice is an internal system number, not the invoice number. Take this into consideration when reconciling your D365O invoices against your ONESOURCE Determination Audit transactions.

Sales Tax Groups and Exempt Status of Customers

A **Sales Tax Group** of **IDT_EX_**** may be entered for a customer who claims to be exempt, but has not yet obtained the requisite exemption certificate required to configure exempt status in Determination. This will result in no tax being calculated on the customer's transactions. The ** refers to a specific reason for the exemption, see Appendix B - ONESOURCE-Specific Tax Groups and Tax Codes (page 91).

A **Sales Tax Group** of **IDT_OVRRDE** may be used to a override a customer's exempt status and calculate tax on an item you sell to that customer. For example, you sell two items to a customer who holds a reseller's certificate. Normally, all transaction lines default to exempt. However, if one of the items in this sale is intended for the customer's own consumption, the sale of that item would not qualify for a resale exemption.

To override the default taxability for a line, you can set the **Sales Tax Group** to **IDT_OVRRDE**. This will override the exemption in Determination and calculate tax for the item.

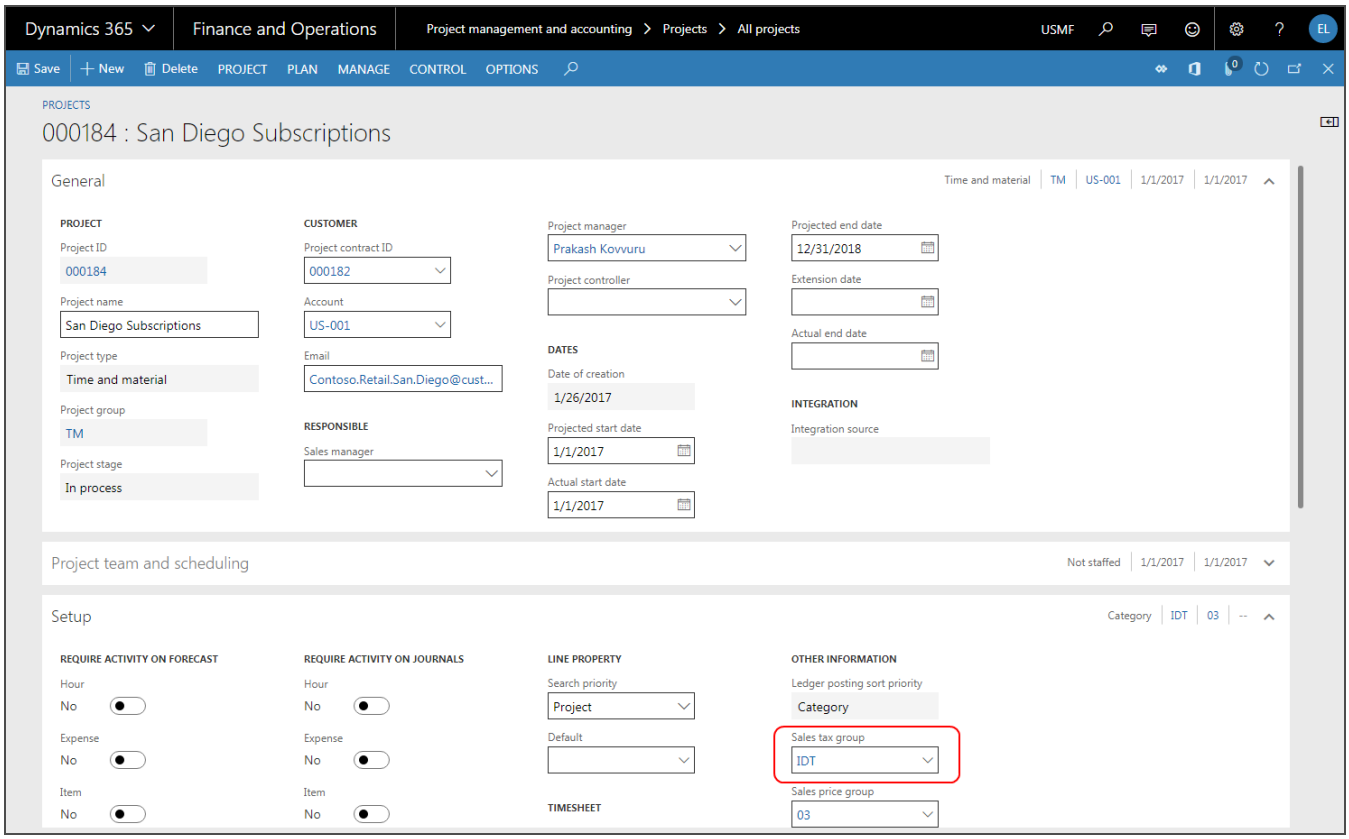
PROJECT INVOICES

During the project invoicing process, Determination is called to calculate tax for your sales documents. The standard project invoicing process is not altered by the use of IDT, however, the IDT code must be specified for the Sales tax group and Item sales tax group for Sales Orders and On-account transactions.

Project transaction types of Sales Order, On-account and customer advance on Time and Material type projects are supported as of the 1.0.1.0 release. Project transaction types of Hour, Expense, Item and Fee are not supported by ONESOURCE.

Specifying a Project to Use ONESOURCE to Calculate Tax on Related Transactions

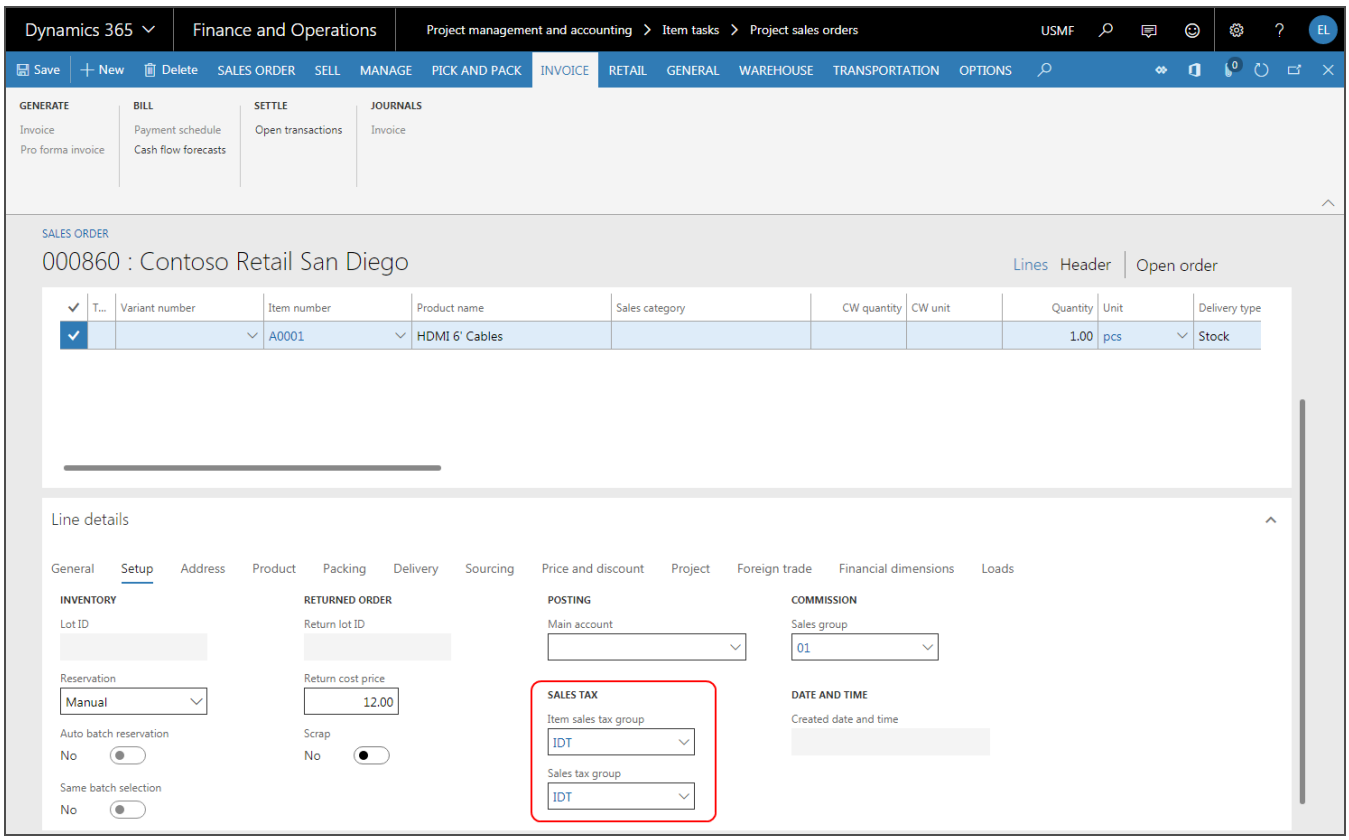
1. Go to **Project Management and Accounting > Projects > All Projects** and open a project.
2. Open the **Setup** tab for the project and set **Sales tax group** to **IDT**.



Specifying ONESOURCE to Calculate Tax on a Project Sales Order

1. Go to **Project Management and Accounting > Item Tasks > Project Sales Orders**.
2. Create a new Sales Order and enter at least one sales order line

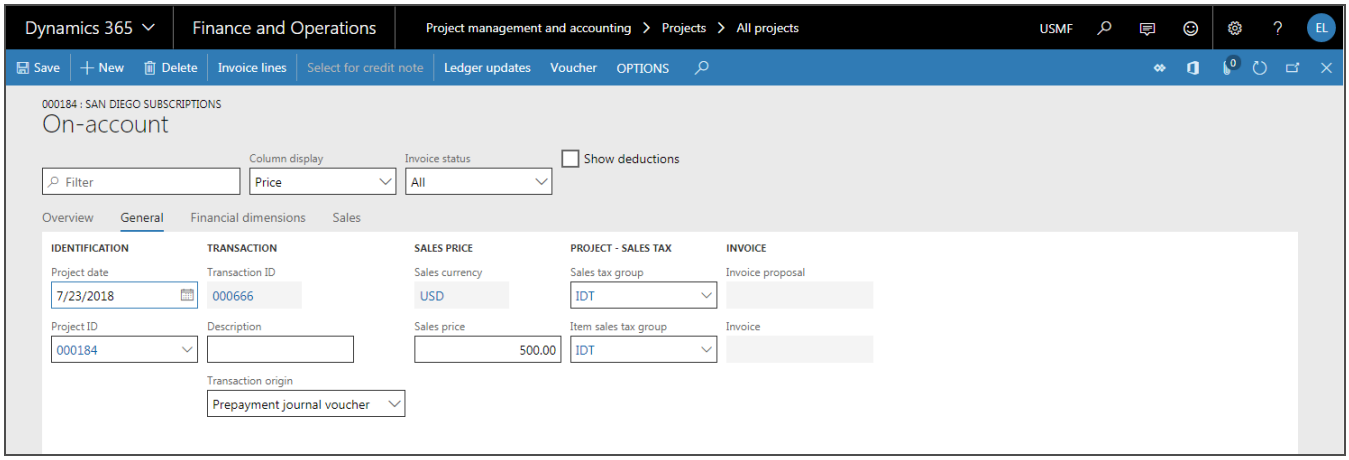
3. Go to the **Setup** tab for the line and confirm that **IDT** is specified for **Sales tax group** and **Item sales tax group**.



Specifying ONESOURCE to Calculate Tax on a Project On-account and Customer Advance Transaction

1. Go to **Project Management and Accounting > Projects > All Projects** and open a Project.
2. Create a new On-account transaction.

3. Go to the **General** tab and confirm that **IDT** is specified for the **Sales tax group** and **Item sales tax group**.



Viewing Invoice Descriptions and Jurisdictional Text for Project Invoices

VAT-related invoice descriptions, jurisdictional text, and relevant registrations for printing on customer invoices are accessed from the **Invoice Journal** form for each Project Invoice and line.

1. Go to **Project Management and Accounting > All Projects**.
2. Select and open a Project.
3. Select the **Invoice Journals** menu option from the **Manage group** ribbon menu option.
4. Select the **On-account** or **Sales Order** tab on the **Invoice Journals** form and then select a line.
5. Select the **Document handling** icon on the bottom of the **Invoice Journals** form to open the **Document Handling** form and view messages.

CALCULATING USE TAX

Once the ONESOURCE Indirect Tax Integration for D365O and ONESOURCE Indirect Tax Determination are installed and configured, taxes for purchase transactions are calculated seamlessly. This section provides an overview of some of the common business processes executed with Determination.

This chapter contains the following topics to help you get started calculating and viewing use tax with Determination:

Addresses Used for Tax Calculation 67
Purchase Orders and Vendor Invoices 67
Capture Vendor Charged Tax on Vendor Invoices 70
VAT Variances on Vendor Invoices 71
Purchase Requisitions 71
Request for Quotations 72
Vendor Invoice Journals 73
Vendor Invoice Pool 75
Invoice Registers 75

ADDRESSES USED FOR TAX CALCULATION

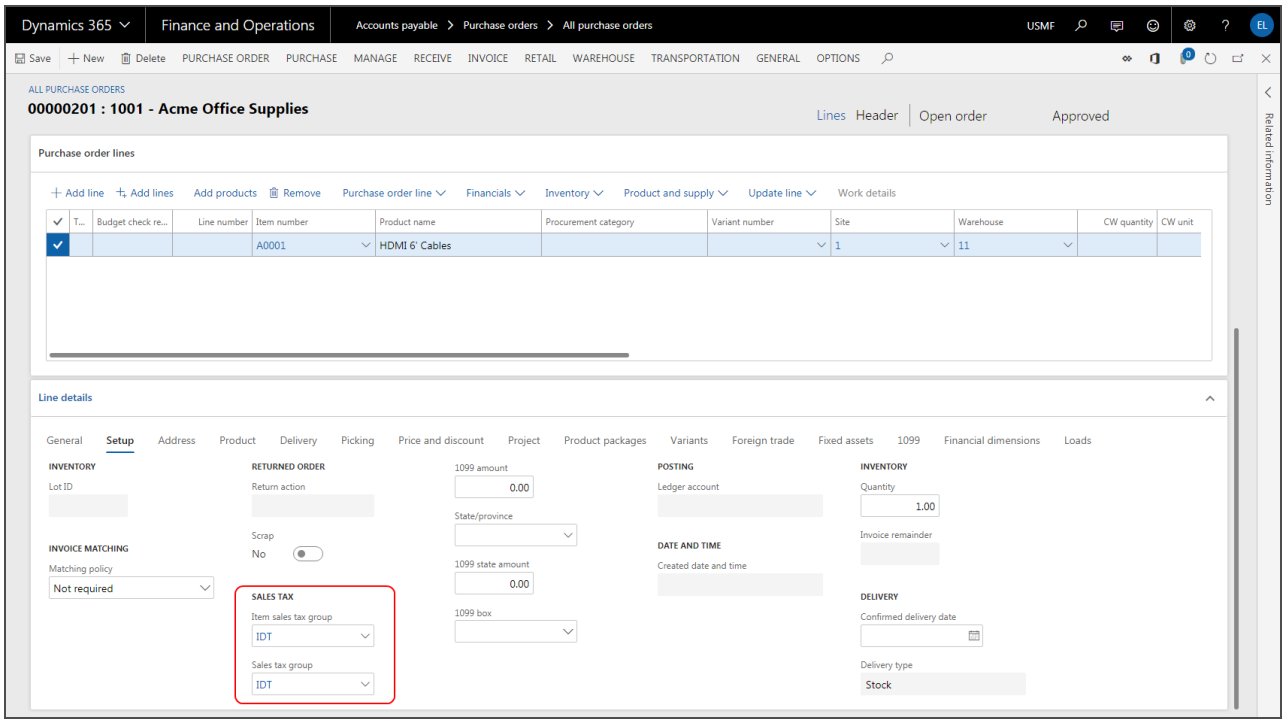
- The ship from address used by Determination to calculate use tax will be the primary address of the vendor.
- The ship to address used by Determination to calculate use tax will be the delivery address listed on the address tab of the line details.

PURCHASE ORDERS AND VENDOR INVOICES

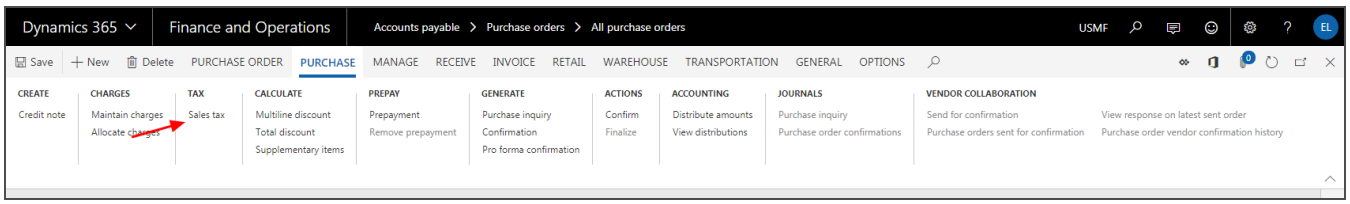
During purchase order and invoice processing, Determination is called to calculate tax for your purchasing documents. The following example describes a Purchase order, but the process for Vendor invoices is similar. The process to view tax on these documents is the same as native D365O.

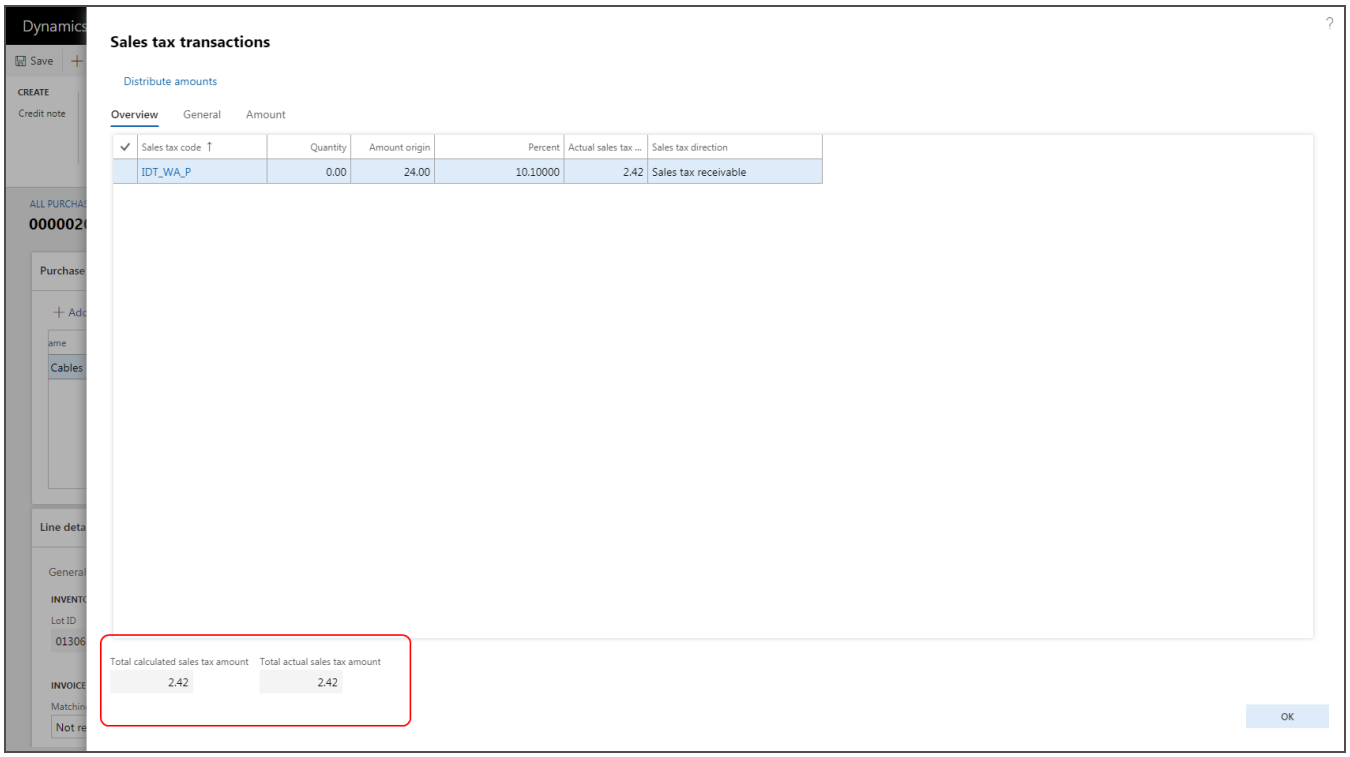
1. Go to **Accounts payable > Purchase orders > All purchase orders**.
2. Open a **Purchase order**.
3. Select a **Purchase order line**.

4. Go to the **Line details** tab.
5. Verify the following:
    - **Sales tax group** is set to **IDT** or one of the groups that begins with **IDT_**.
    - **Item sales tax group** is set to **IDT**.



6. Select **Sales tax** on the **PURCHASE** ribbon. Tax is calculated on the entire Purchase order.





To view taxes by document line, go to the **Financials > Sales tax** menu option.

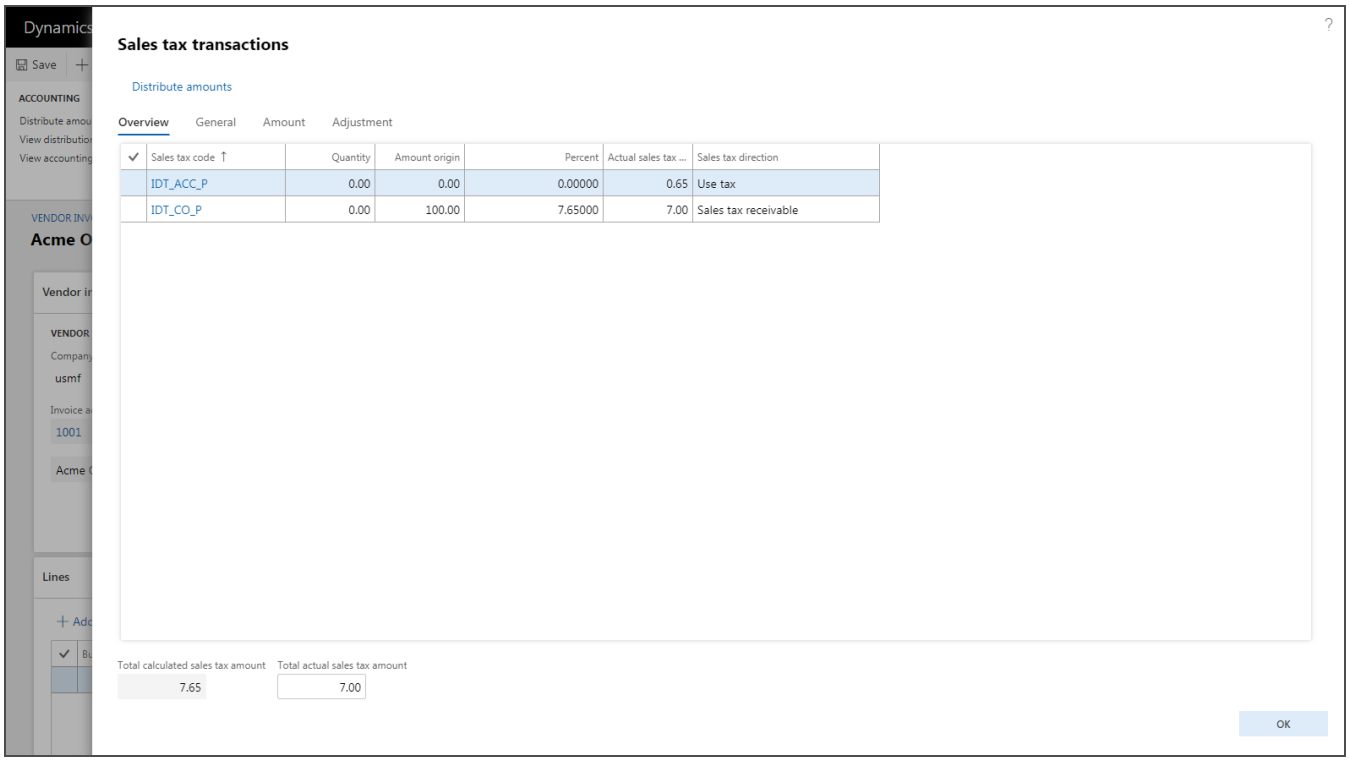
You do not need to select the **Sales tax** menu option to view taxes before saving a sales document. Tax is calculated automatically when the Purchase order is confirmed.

If a new line is added to the invoice that was not on the original Purchase order D365O will default to the original delivery address. You must update the delivery address on the **Address** tab of the line details section.

CAPTURE VENDOR CHARGED TAX ON VENDOR INVOICES

The ONESOURCE integration has the ability to record the vendor charged tax (VCT) on vendor invoices and accrue the difference between the VCT and the tax as calculated by ONESOURCE.

1. Go to **Accounts payable > Invoices > Open vendor invoices** and open a new **Vendor invoice**.
2. Enter the invoice header information and add at least one taxable line.
3. Select **Sales tax** on the **Financials** tab of the form ribbon menu to calculate and display taxes on the **Sales tax transactions** form.
4. Enter the VCT in the **Total actual sales tax amount** field.



5. Select the **ADJUSTMENT** tab and then select **Apply actual amount** or select **Ok** to close the form.

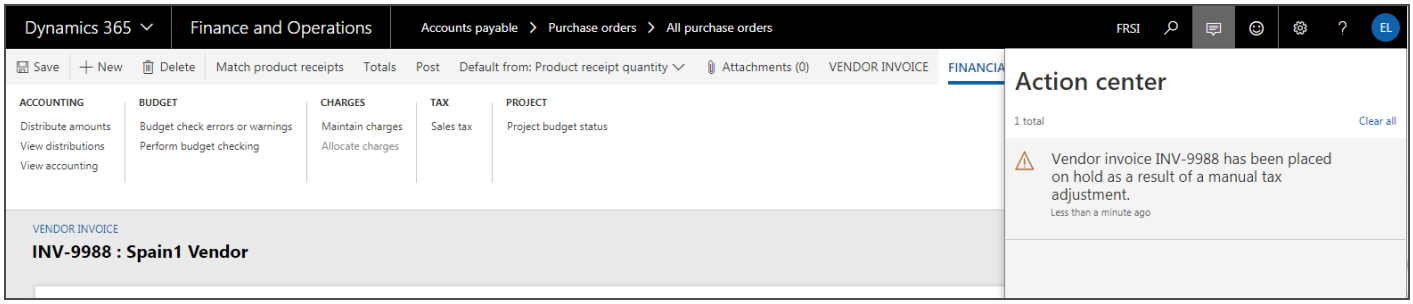
> Notice that the ONESOURCE integration has created a second line to represent the difference, or accrual, between the VCT and the ONESOURCE calculated tax. This difference or accrual is only created for US invoices.

6. Close the **Sales tax transactions** form.

VAT Variances on Vendor Invoices

When processing your payables invoices, you may find that you have received a vendor invoice with a tax amount that is inaccurate for various reasons. The reasons could include a reduced rate that is not applied, an exemption not noted, or a failure to apply tax.

The **On hold** check box on the **Vendor invoice** form is used by the integration to prevent payments from being processed on vendor invoices and to prevent funds from inadvertently leaving the company. On hold status is triggered when the total tax calculated by Determination differs from the total tax entered manually using the tax shown on the vendor invoice.

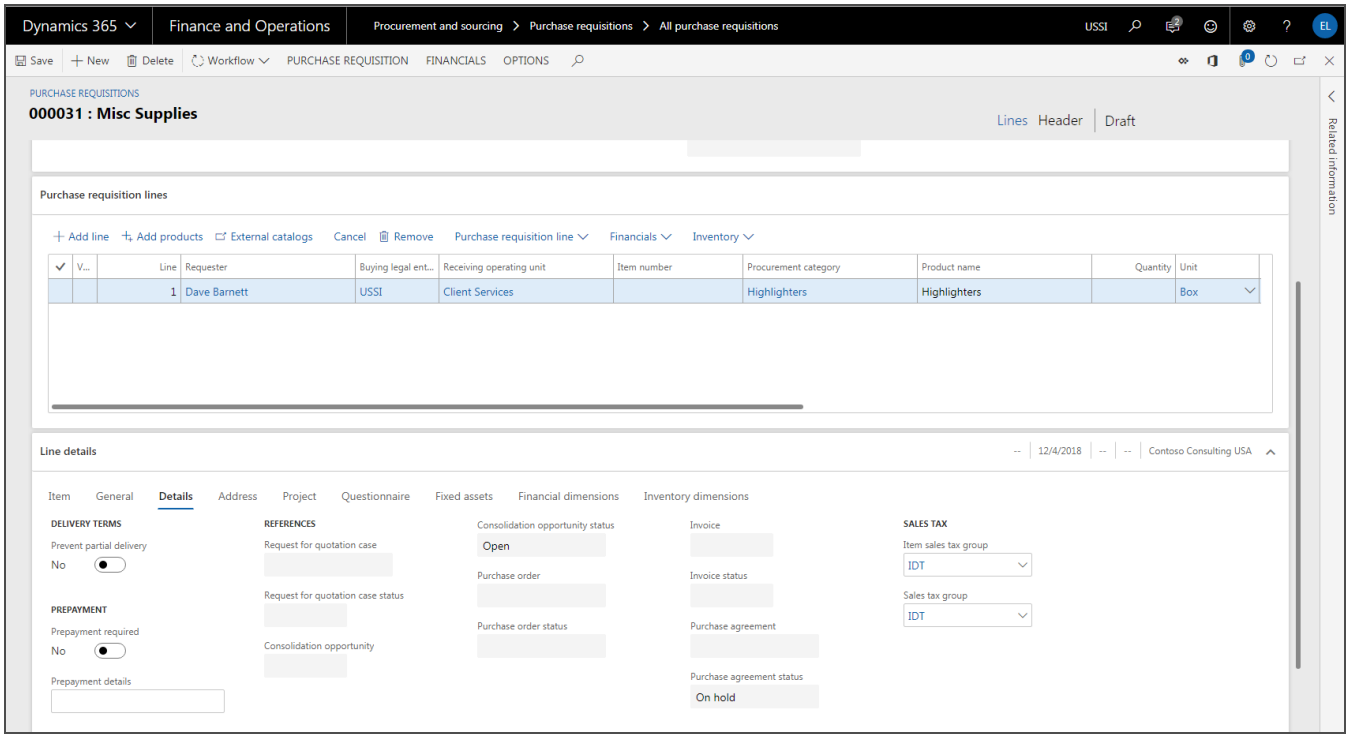


PURCHASE REQUISITIONS

ONESOURCE may be used to calculate tax on purchase quotations. As with other documents, it is mandatory to set the **Item sales tax group** and **Sales tax group** to **IDT** on the **Details fast** tab for each line item.

1. Go to **Procurement and sourcing > Purchase requisitions > All purchase requisitions**.
2. Open a **Purchase requisition**.
3. Select a line on the requisition and select the **Details** tab for the line.

4. On the **Details** tab verify the following:
    - **Item sales tax group** is set to **IDT**.
    - **Sales tax group** is set to **IDT**.



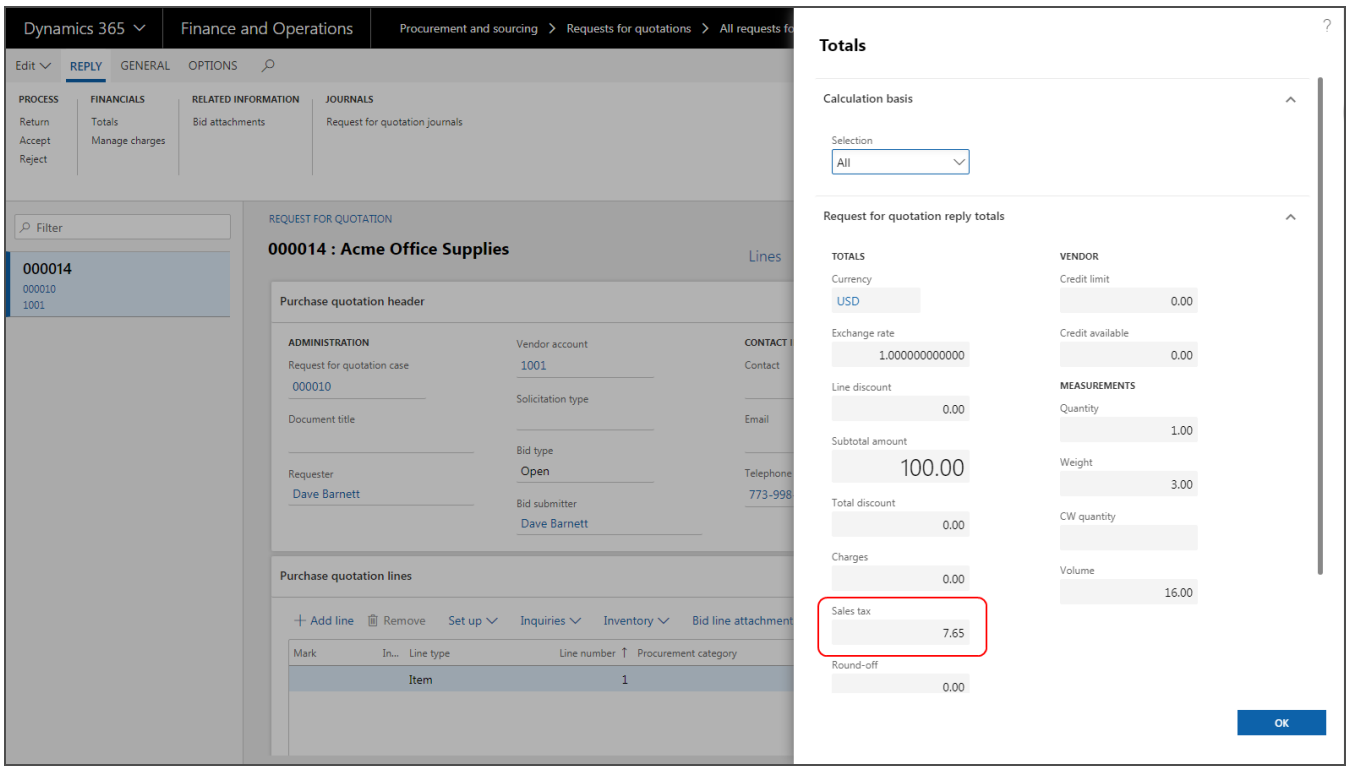
5. Select **Sales tax** from the **Financials** menu item for the lines to view tax for the line on the requisition. The **Sales tax** transaction form will display the estimated use tax.

REQUEST FOR QUOTATIONS

The ONESOURCE integration calculates tax on the **Request for quotations reply** (RFQ). After the RFQ has been entered and published to the vendor portal, a **Request for quotation reply** may be created.

1. Go to **Procurement and sourcing > Requests for quotations > All requests for quotations**.
2. Select an RFQ and select **Enter reply** from the **Quotation** tab on the **Form** ribbon menu.
3. Select **Edit** on the **Reply** tab of the **Form** ribbon menu, make any changes, and then select **Accept** on the **Reply** tab.

4. Select **Totals** on the **Reply** tab of the ribbon menu to view the calculated sales tax.



VENDOR INVOICE JOURNALS

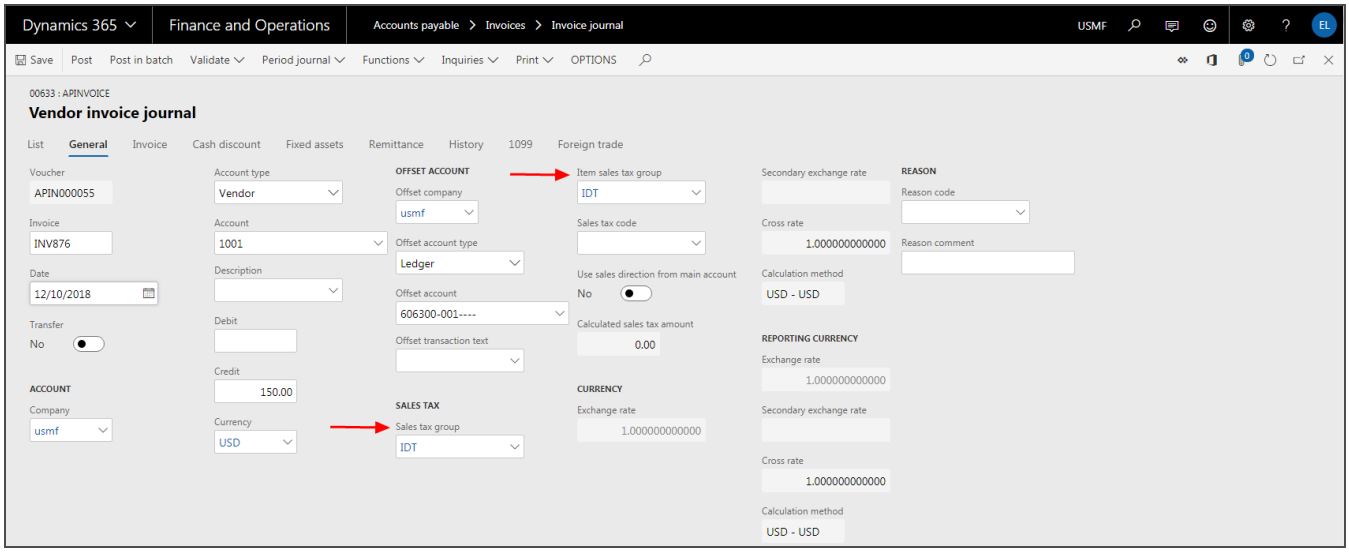
ONESOURCE can calculate tax on **Vendor invoice journals**. As with other documents, it is mandatory to set the **Items sales tax group** and **Sales tax group** to **IDT** for each line item.

1. Go to **Accounts Payable > Invoices > Invoice journal**.
2. Select an **Invoice journal**.
3. Select the **Lines** ribbon menu option.

4. Select a line and confirm the following on lower half of the form or on the **GENERAL** tab:

   a. **Item sales tax group** is set to **IDT**.

   b. **Sales tax group** is set to **IDT**.

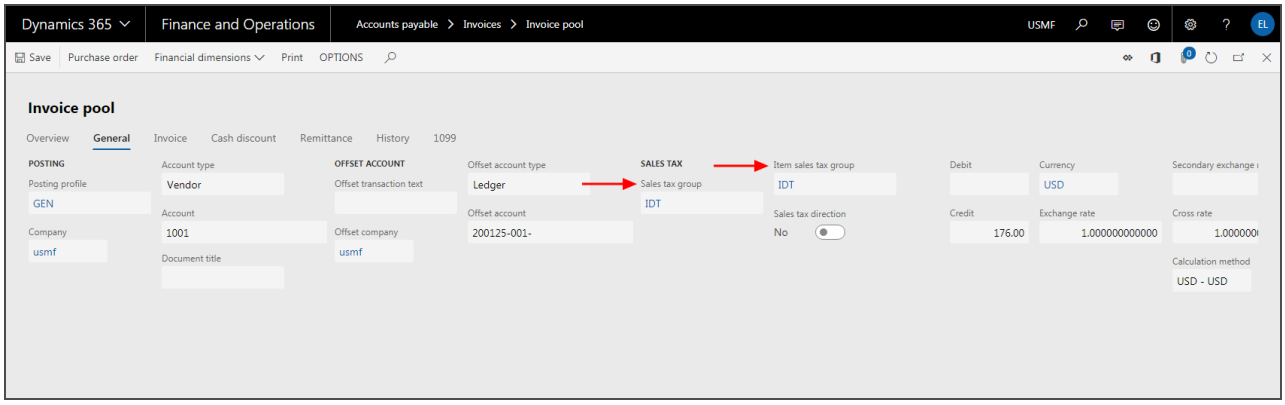


5. Select the **Sales tax totals** option from the **Inquiries** ribbon menu option at the top of the form to view sales tax results.

VENDOR INVOICE POOL

There is no form to view tax results from this form. However, the **Item sales tax group** and **Sales tax group** codes may be set to **IDT** so that tax is calculated by ONESOURCE upon transferring the vendor invoice to a journal for posting.

1. Go to **Accounts payable > Invoices > Invoice pool**.
2. Select an invoice and click the **General** Tab.
3. Confirm the following:
    a. **Item sales tax group** is set to **IDT**.
    b. **Sales tax group** is set to **IDT**.



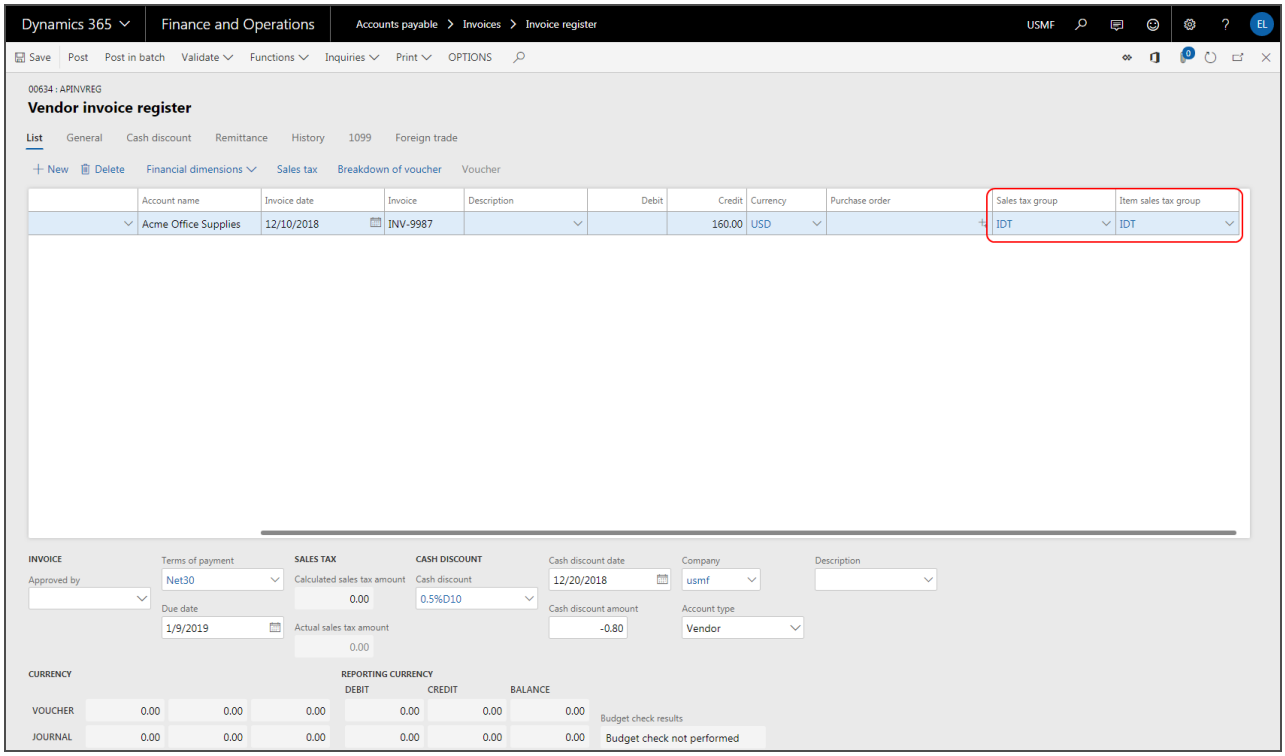
INVOICE REGISTERS

ONESOURCE may be used to calculate tax on **Invoice registers**. As with other documents, it is mandatory to set **Item sales tax group** and **Sales tax group** to **IDT** for each line item.

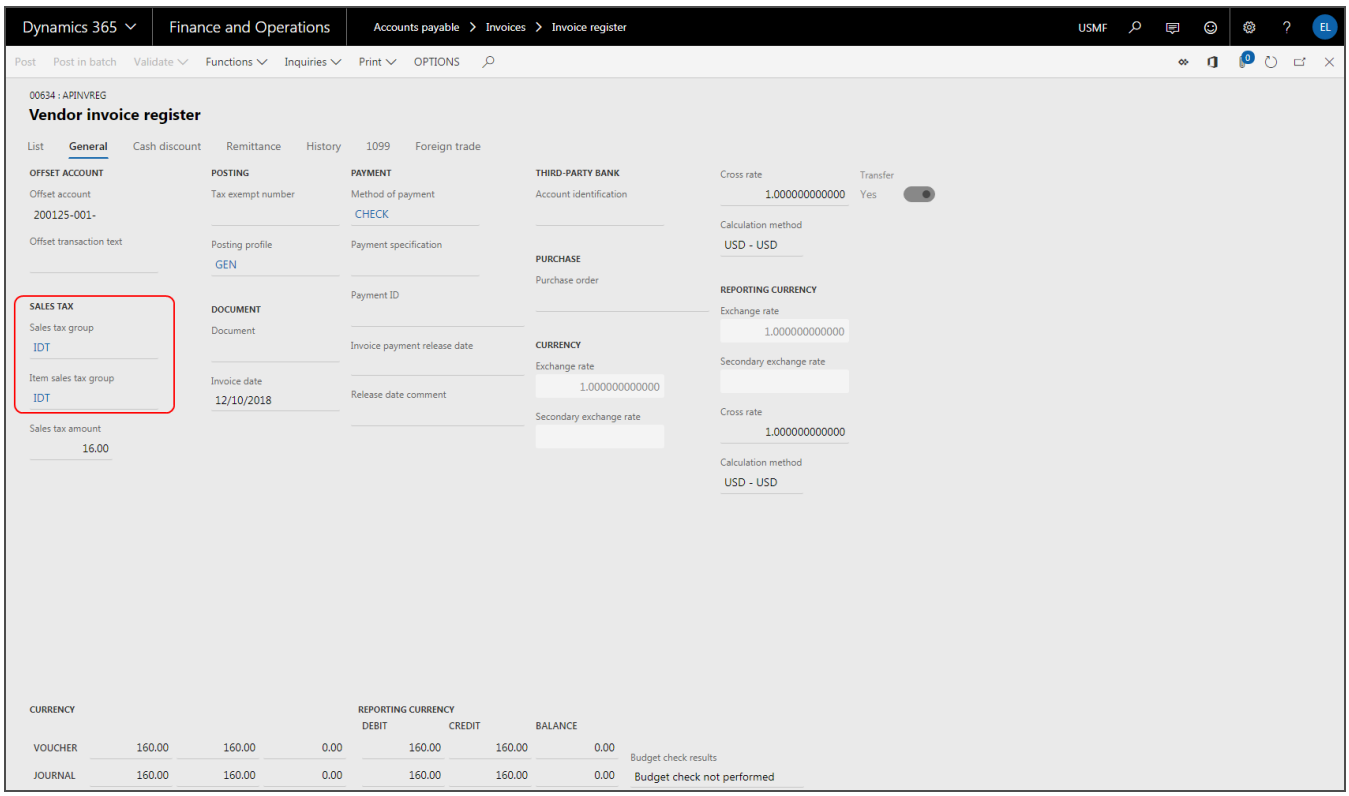
1. Go to **Accounts payable > Invoices > Invoice register**.
2. Open an **Invoice register**.
3. Select a line and confirm the following:

a. **Item sales tax group** is set to **IDT**.

b. **Sales tax group** is set to **IDT**.



4. These two values may also be confirmed on the **General** tab for the line.

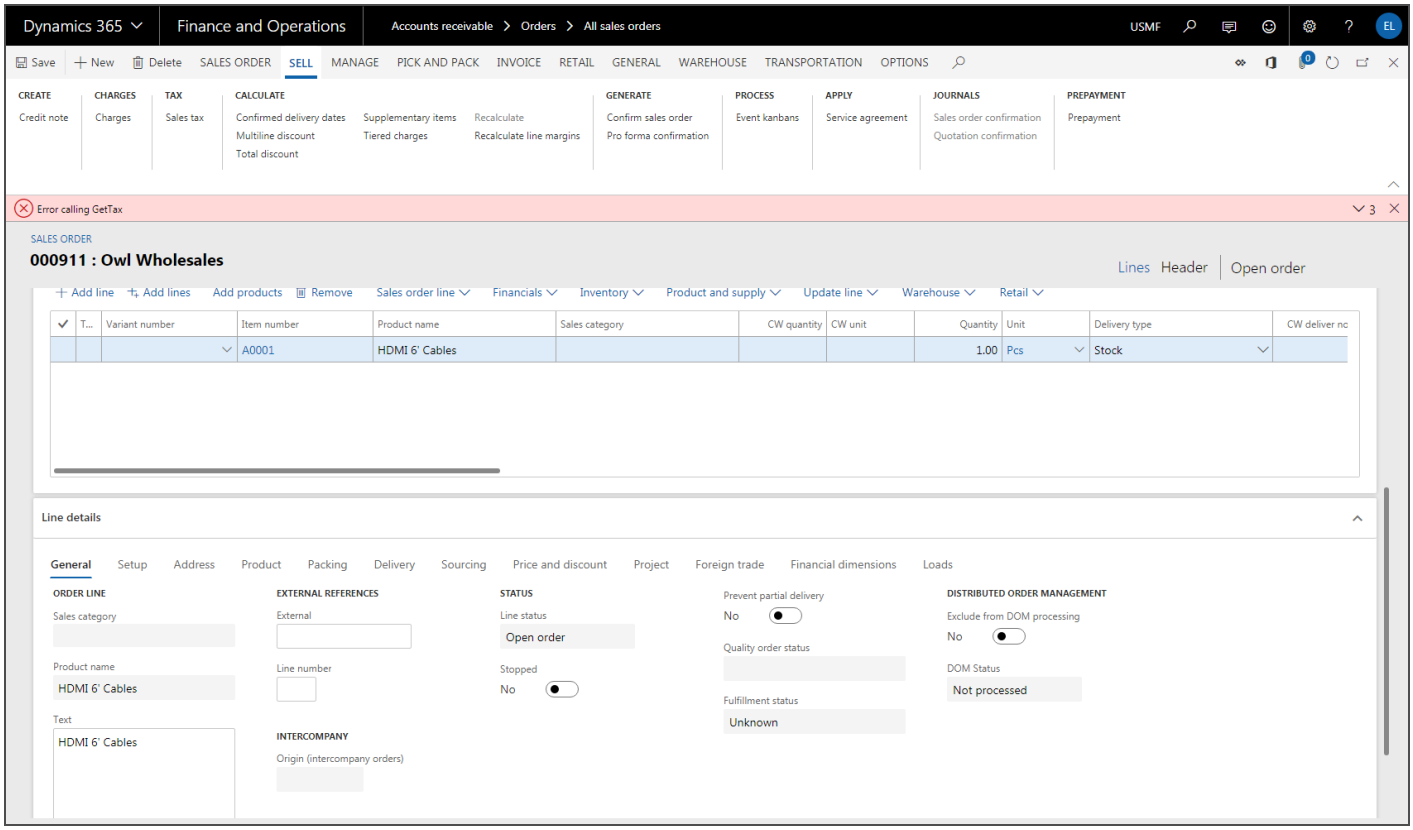


5. Select the **Sales tax** menu item at the top of the form to view sales tax results.

TAX CALCULATION ERRORS

When a transaction generates a tax calculation error, a D365O Infolog dialog box is displayed.

For example, the error in the screen shot below is caused by failure of the connection between D365O and the ONESOURCE Indirect Tax Determination system. Other errors may be caused by missing data that is required to calculate tax.



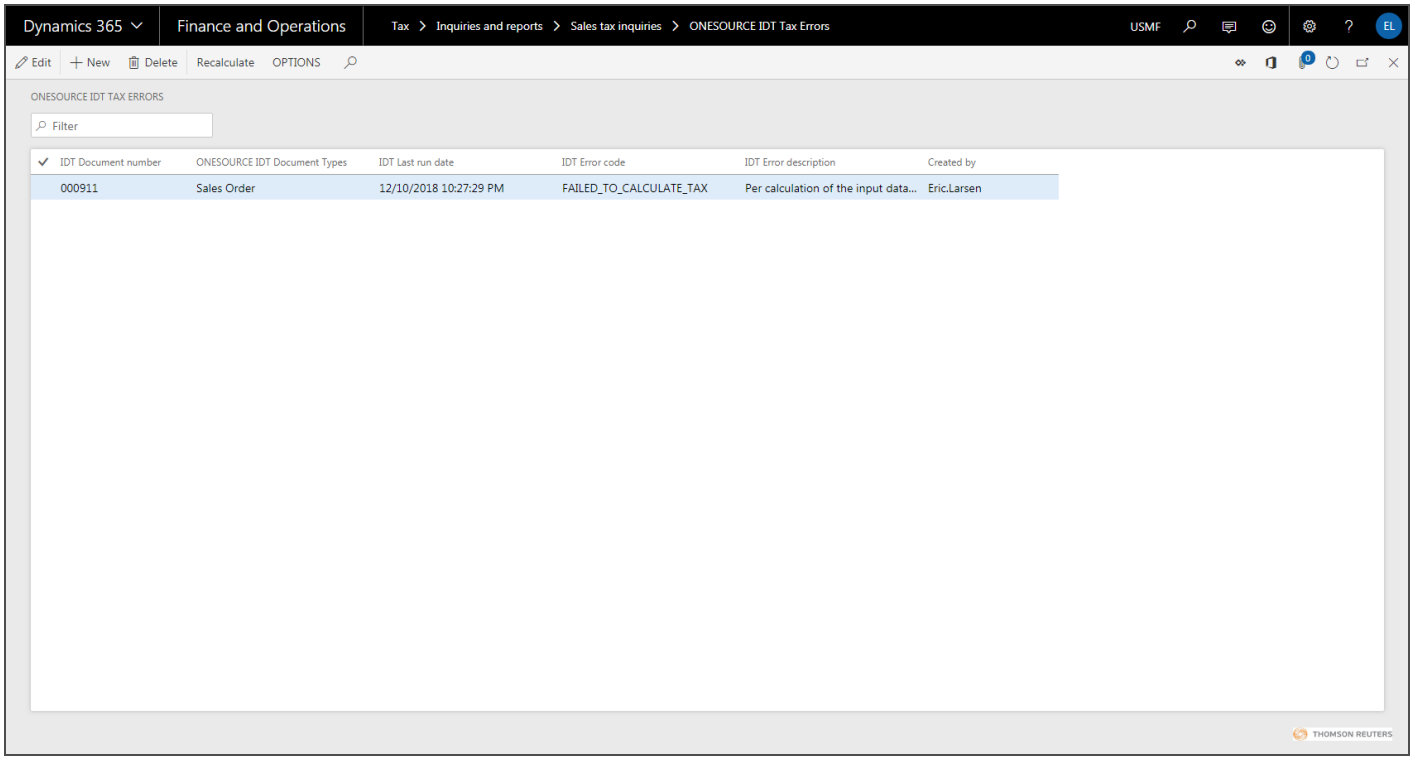
RECALCULATE TAX ON TRANSACTIONS WITH CALCULATION ERRORS

The **ONESOURCE IDT Tax Errors** form lists unposted transactions where tax calculation failed due to missing or invalid information. To access this form, go to **Tax > Inquiries and reports > Sales tax inquiries > ONESOURCE IDT Tax Errors**.

From the **ONESOURCE IDT Tax Errors** form you can do the following:

- View error details including the text of the error, the document that generated it, when it occurred, and who submitted the transaction.
- Rerun the tax calculation by selecting the document you wish to recalculate and selecting **Recalculate**.

Once tax has successfully been calculated on a transaction it is removed from the list.



USING THE ADDRESS VALIDATION SERVICE

For the most accurate US tax calculation, Determination requires complete and valid address information including the ZIP+4. The ONESOURCE Address Validation Service helps you maintain your addresses.

This chapter contains the following topics to help you use the address validation service:

Triggering Address Validation 81
Validate an Address 81

Address validation will only be performed for addresses with a **Country Code** of **US**. Canadian and other non-US addresses are not supported by the ONESOURCE Address Validation Service.

TRIGGERING ADDRESS VALIDATION

When address validation is enabled (see Configure the IDT Parameters (page 18)), you are given the option to validate addresses each time you create a new address or edit an existing US address for transactions where tax will be calculated by Determination.

The following events will trigger address validation:

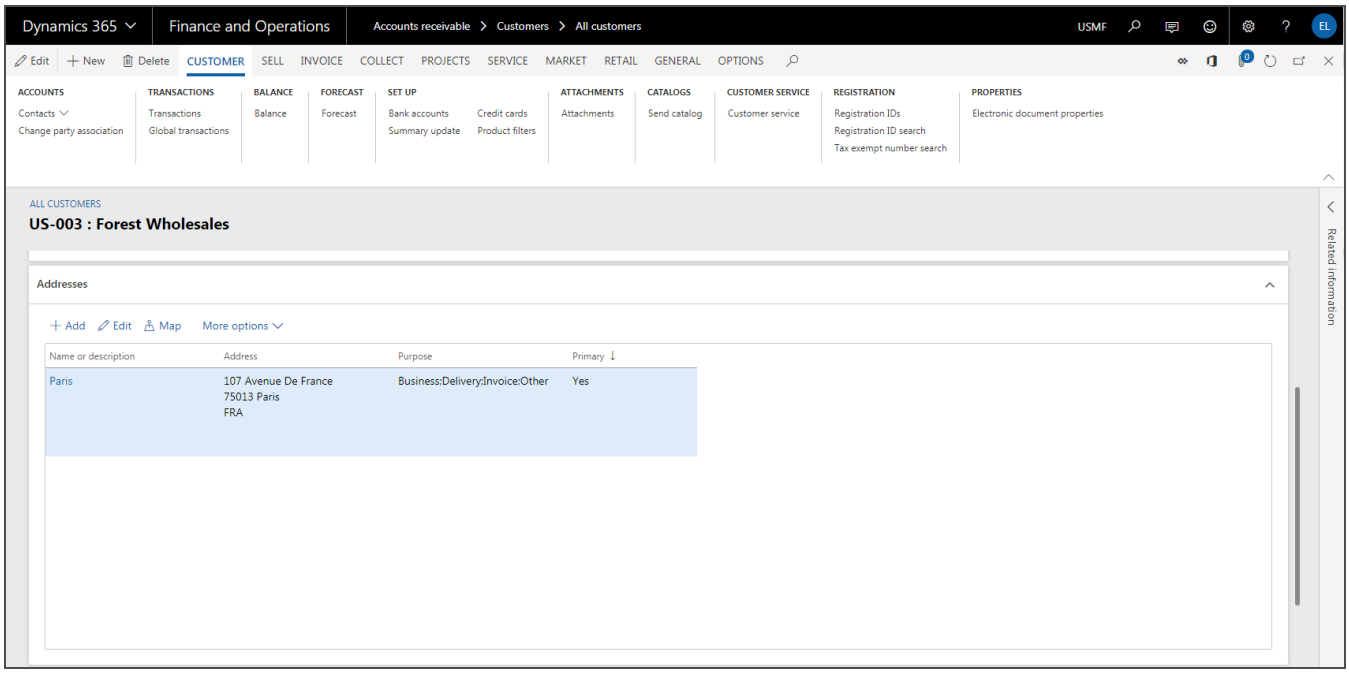
- Adding a new address
- Changing an existing address

Once an address is validated, it will not be re-validated unless it is updated.

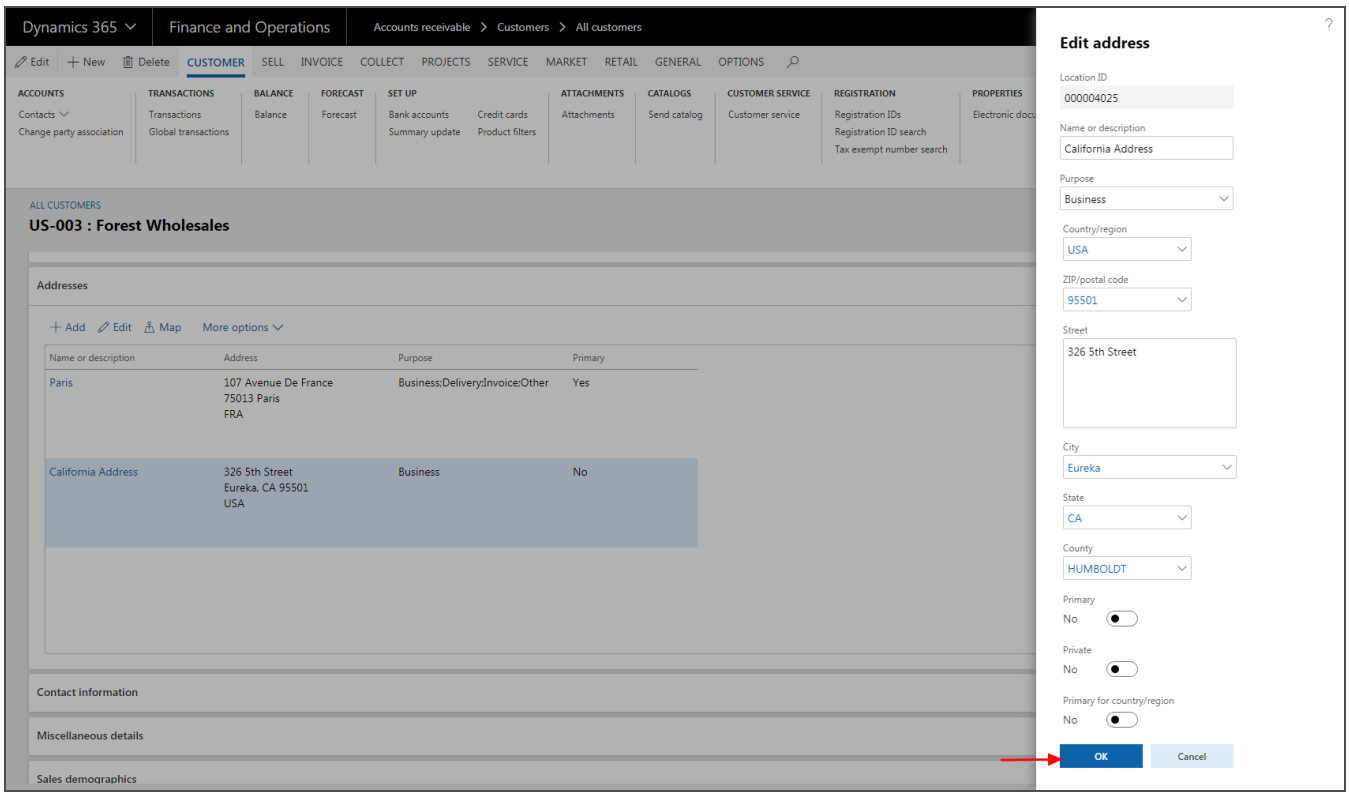
VALIDATE AN ADDRESS

The following example walks you through the process for adding an address to a customer, and then sending the address to Determination for validation.

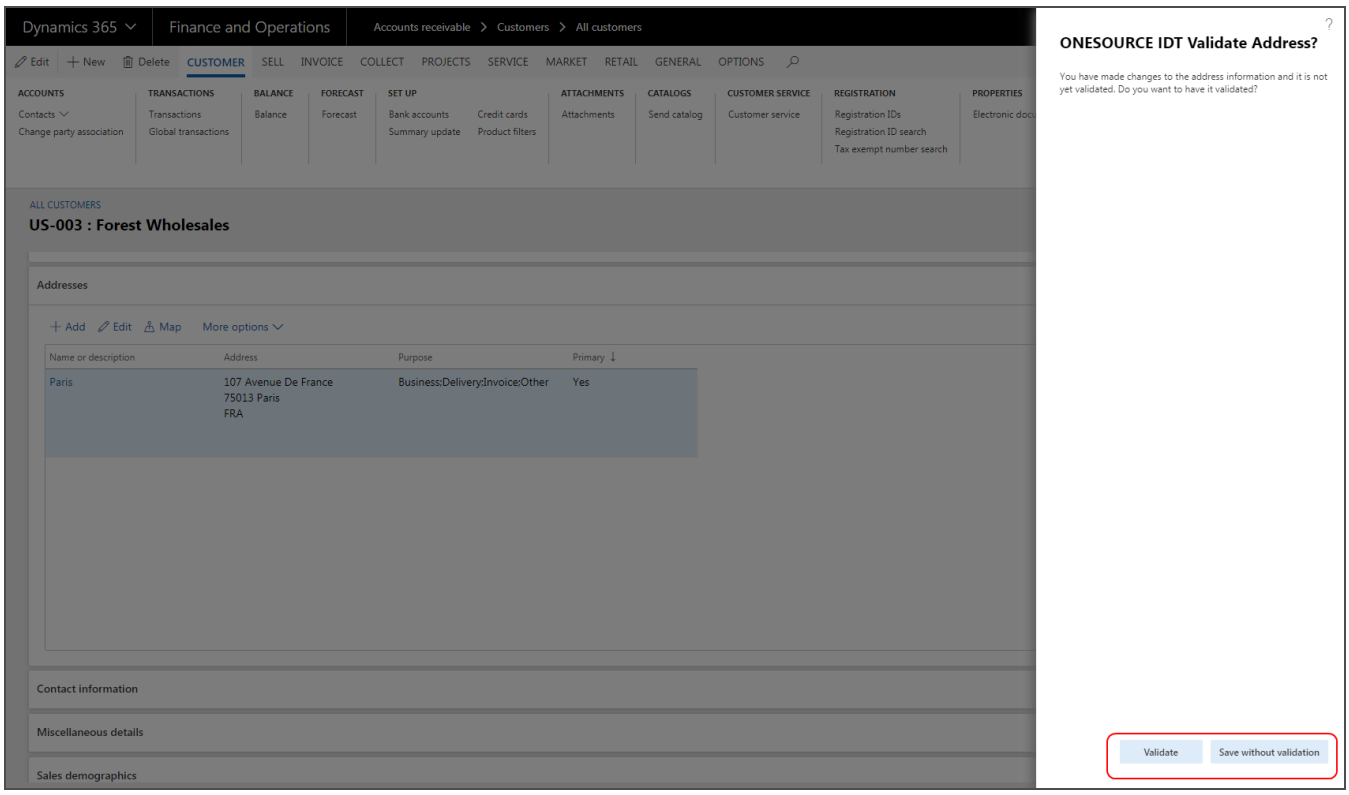
1. Go to **Accounts receivable > Customers > All customers**.
2. Select a customer, then select **Edit** (You can also double-click the customer record with a mouse.).
3. Select the **Addresses** tab.
4. Select the **Add** button to bring up the **Manage addresses** form.


Dynamics 365
Finance and Operations
Accounts receivable > Customers > All customers
USMF
Edit
New
Delete
CUSTOMER
SELL
INVOICE
COLLECT
PROJECTS
SERVICE
MARKET
RETAIL
GENERAL
OPTIONS
ACCOUNTS
Contacts
Change party association
TRANSACTIONS
Transactions
Global transactions
BALANCE
Balance
FORECAST
Forecast
SET UP
Bank accounts
Credit cards
Summary update
Product filters
ATTACHMENTS
Attachments
CATALOGS
Send catalog
CUSTOMER SERVICE
Customer service
REGISTRATION
Registration IDs
Registration ID search
Tax exempt number search
PROPERTIES
Electronic document properties
ALL CUSTOMERS
US-003 : Forest Wholesales
Addresses
Add
Edit
Map
More options
Name or description
Address
Purpose
Primary
Paris
107 Avenue De France
75013 Paris
FRA
Business;Delivery;Invoice;Other
Yes
Related information

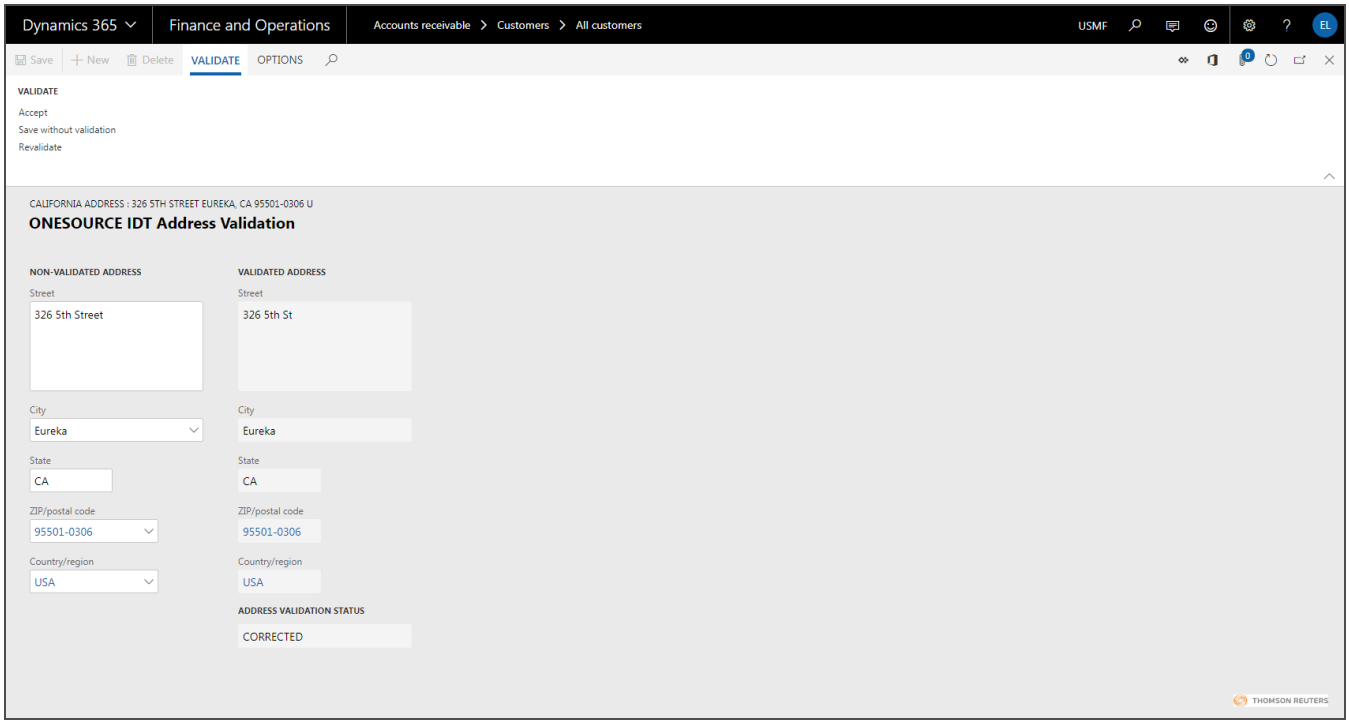
5. Enter a US address and select **Ok**.



The following form will appear asking if you wish to validate the address or save the address without validating.



6. Choose **VALIDATE** to send the address to Determination. This opens the **ONESOURCE IDT Address Validation** form.



Using this form, you can do the following:

- Compare the unvalidated address you entered to the validated address returned by the address validation service.
- View the status of the address validation:
  - **CORRECTED** indicates that a more exact address was identified by the address validation service.
  - **ERROR - Street not found** indicates that the street of the submitted address was not found.
  - **ERROR - Street number or box number is out of range** indicates that the house or box number was not found on the street of the submitted address.
- Update the non-validated address you entered and select **Revalidate** to resubmit the address if you received an error.
- Select **Accept** to save the **Validated Address**, or select **Save without validation** to save the non-validated address.

Using unvalidated addresses may impact the accuracy of your tax calculations.

A warning or error may occur during the address validation or revalidation process if the zip code does not match a zip code in the D365O zip codes master data.

US addresses must include valid street information in order to be validated. US addresses that are missing street information will result in an error during the validation process. If you choose to continue without street information, you must save the address without validation.

APPENDIX A - LOGGING

The ONESOURCE Indirect Tax integration includes configurable transaction logging capabilities. The **Process Log** captures information about each address validation and tax request triggered by the integration. This log allows you to see how a tax request is built and structured and how the response is returned to D365O. This is important when analyzing how a tax result is generated or for troubleshooting the integration.

Changing the default log level settings in the Integration for Microsoft D365O is only required if you wish to view a different level of detail for the tax calls made to Determination.

The following log settings are provided:

LOGGING LEVEL	DESCRIPTION
Error	Only errors are written to the process log. This option provides the least amount of information, but the highest performance. This is the recommended setting for production environments, unless actively troubleshooting an issue with the ONESOURCE integration.
Warning	Only errors and warnings are written to the process log.
Info	Errors, warnings, and tax requests and responses are written to the process log. This option is useful for viewing the raw tax request and response data for troubleshooting a tax result. This is the recommended setting for UAT environments during the initial phases of configuring and testing the IDT configuration in D365O and Determination.
Debug	Lists all information related to a tax or address call, including how each data element was sourced to build the call. This option provides the most information and consequently provides the slowest performance. This setting is useful for deep troubleshooting and analysis of the tax request and response. It should not be used as a default setting in a production environment.

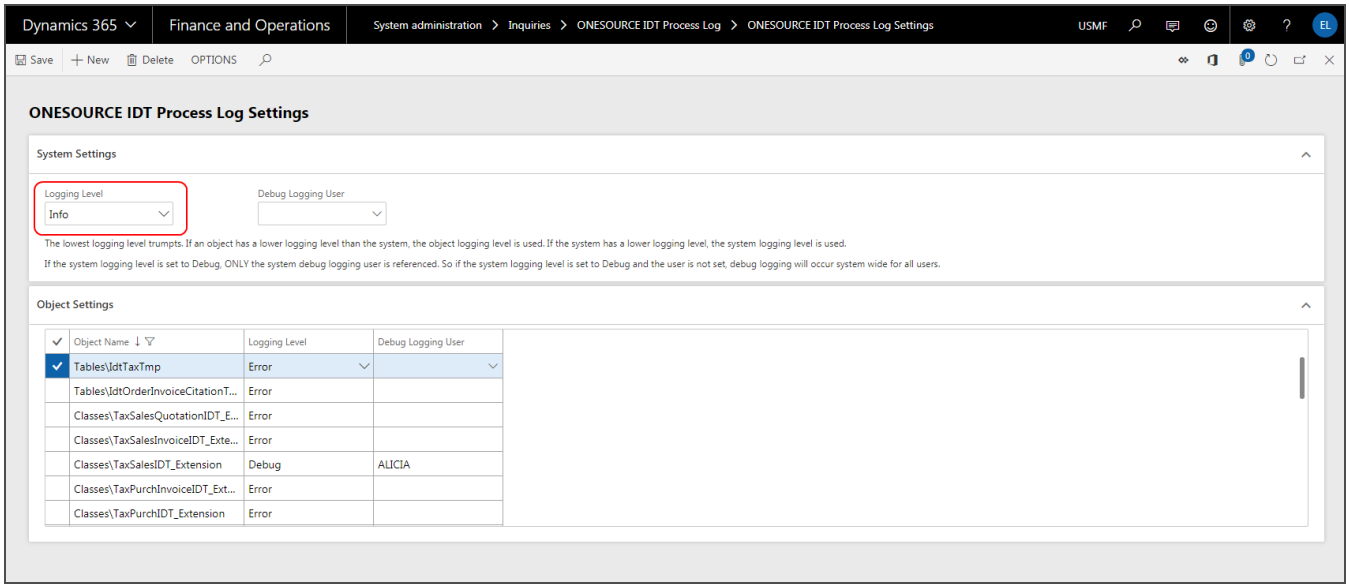
You must be a D365O system administrator to change logging options.

CONFIGURE LOGGING OPTIONS

To change logging options:

1. Go to **System administration > Inquiries > ONESOURCE IDT Process Log** > **ONESOURCE IDT Process Log Settings**.

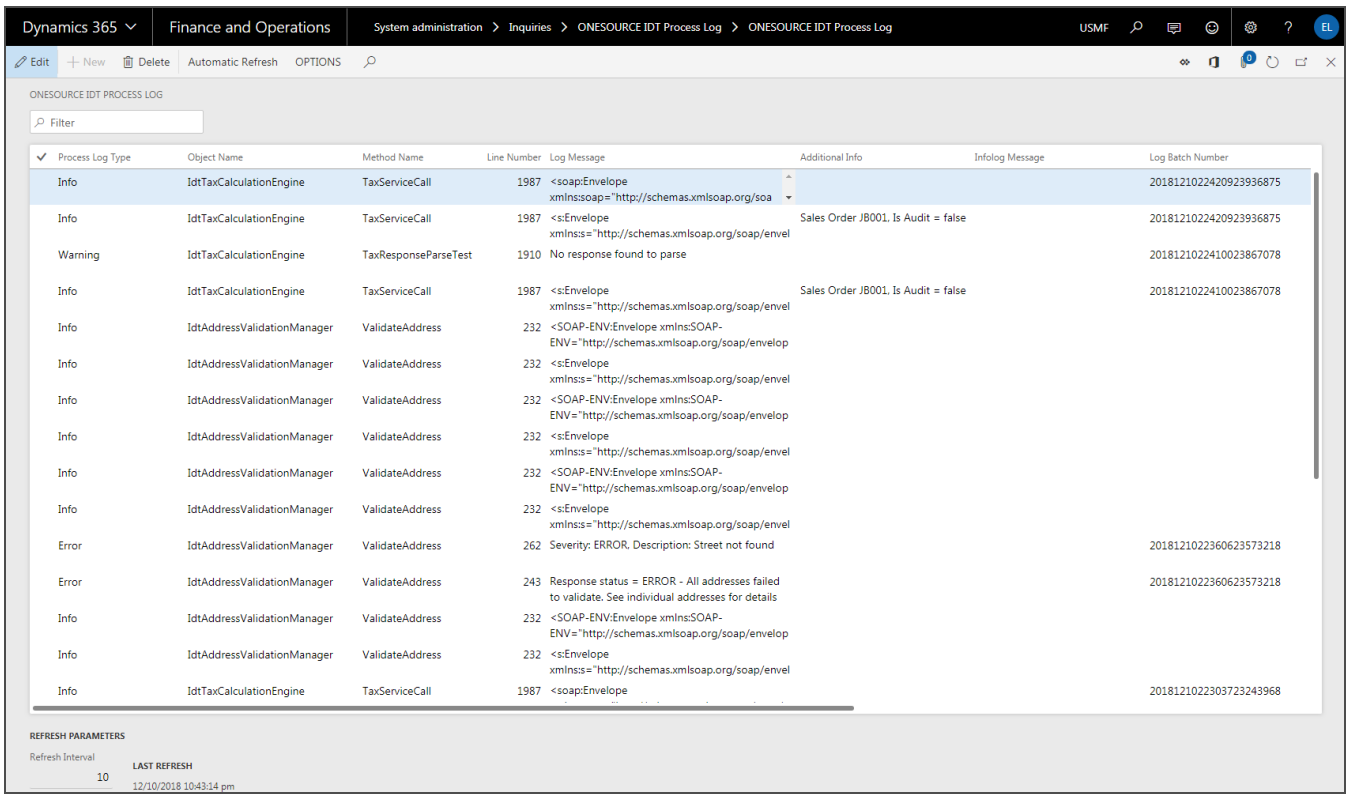
2. Use the **Logging Level** drop-down menu under **System Settings** to change the logging level for all objects.



The logging level may be set either system-wide or by user. You can also set logging levels by object or process if you wish to troubleshoot a specific process such as sales quotations.

3. Go to **System administration > Inquiries > ONESOURCE IDT Process Log > ONESOURCE IDT Process Log**.

4. View logs created by tax calls. The **Log Message** column contains complete XML SOAP messages that you can review to see the full content of tax requests and responses.



APPENDIX B - ONESOURCE-SPECIFIC TAX GROUPS AND TAX CODES

During the installation process, ONESOURCE-specific Sales Tax Groups and Sales Tax Codes are added to the native D365O Tax Groups and Codes.

SALES TAX GROUPS

Microsoft D365O uses the new ONESOURCE-specific Tax Groups to trigger tax calculations. Use the following table as reference when configuring your integration.

SALES TAX GROUPS		
Tax Group	**Description**	**Use Case**
IDT	ONESOURCE Tax	Used to provide a default taxable result. This Tax Group should be used for all customers including those who hold a valid exemption certificate. The customer's exemption certificate should be set up in Determination to return an exempt or reduced result.
IDT_EX_**	ONESOURCE Exempt Tax	Used to provide a default tax calculation of exempt when a customer claims to be exempt, but an exemption certificate is not yet configured in Determination. This Tax Group should not be used when a customer has an exemption certificate configured in Determination. The ** refers to a specific exempt reason code as listed under **Sales Tax Exempt Codes**.
IDT_OVERRIDE	ONESOURCE Exempt Override	Used for processing single line exemptions where the entity is usually exempt, to give a taxable result. This option is used when a customer has a tax exempt certificate maintained in the ONESOURCE Determination system and you wish to override the exemption and charge tax for a particular line item.

SALES TAX CODES

All Tax Codes in the following tables are installed, but some may not be used depending on your configuration. Use the tables below as reference when configuring your integration.

STATE LEVEL TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_<StateCode>_S, where <StateCode> is the 2-digit state abbreviation	Sales	ONESOURCE <StateCode> Sales Tax	Single state detail tied directly to state-specific user defined GL code.

US TERRITORY AND ARMED FORCES LEVEL TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_AS_S	Sales	IDT American Samoa Sales Tax Code	IDT American Samoa Sales Tax
IDT_FM_S	Sales	IDT Federated States of Micronesia Sales Tax Code	IDT Federated States of Micronesia Sales Tax
IDT_GU_S	Sales	IDT Guam Sales Tax Code	IDT Guam Sales Tax
IDT_MH_S	Sales	DT Marshall Islands Sales Tax Code	DT Marshall Islands Sales Tax
IDT_MP_S	Sales	IDT Northern Mariana Islands Sales Tax Code	IDT Northern Mariana Islands Sales Tax
IDT_PR_S	Sales	IDT Puerto Rico Sales Tax Code	IDT Puerto Rico Sales Tax
IDT_PW_S	Sales	IDT Palau Sales Tax Code	IDT Palau Sales Tax
IDT_VI_S	Sales	IDT Virgin Islands Sales Tax Code	IDT Virgin Islands Sales Tax
IDT_AA_S	Sales	IDT Armed Forces Americas Sales Tax Code	IDT Armed Forces Americas Sales Tax
IDT_AE_S	Sales	IDT Armed Forces Europe Sales Tax Code	IDT Armed Forces Europe Sales Tax

US TERRITORY AND ARMED FORCES LEVEL TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_AP_S	Sales	IDT Armed Forces Pacific Sales Tax Code	IDT Armed Forces Pacific Sales Tax

AUTHORITY LEVEL TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_CIT_S	Sales	ONESOURCE CITY Sales Tax	City Sales Tax Summary detail. If multiple city taxes are imposed in the authority, they will present as a single tax detail.
IDT_CTY_S	Sales	ONESOURCE COUNTY Sales Tax	County Sales Tax Summary detail. If multiple county taxes are imposed in the authority, they will present as a single tax detail
IDT_DIT_S	Sales	ONESOURCE DISTRICT Sales Tax	District Sales Tax Summary detail. If multiple district taxes are imposed in the authority, they will present as a single tax detail.
IDT_STT_S	Sales	ONESOURCE STATE Sales Tax	State Sales Tax Summary detail. If multiple state taxes are imposed in the authority, they will present as a single tax detail.

CANADIAN TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_QST_S	Sales	ONESOURCE QST Sales Tax	Quebec Provincial Sales Tax
IDT_PST_S	Sales	ONESOURCE PST Sales Tax	Provincial Sales Tax
IDT_HST_S	Sales	ONESOURCE HST Sales Tax	Harmonized Sales Tax
IDT_GST_S	Sales	ONESOURCE GST Sales Tax	Canada Federal Goods and Services Tax

OTHER TAX CODES			
Tax Code	**Tax Type**	**Description**	**Use Case**
IDT_ZERO_S	Sales	ONESOURCE ZR NL ZE AC	Zero tax liability due to international export where the seller is unregistered.
IDT_DEFAULT_S	Sales	Tax code for offline rates	Default tax rate applied for when Determination is offline. See Offline Support Setup (page 28).

SALES TAX EXEMPT CODES	
Code	**Description**
05	IDT Sales for Resale Exemption
10	IDT Sales in Interstate Commerce Exemption
15	IDT Non-taxable Food Exemption
20	IDT Sales to Government Exemption
25	IDT Exempt Industrial and Farm Machinery Exemption
30	IDT Non-taxable Labor or Service Exemption
35	IDT Prescription Drugs Exemption
40	IDT Returned Merchandise Exemption
45	IDT Bad Debts Exemption
50	IDT Gasoline Exemption
55	IDT Direct Pay Permit Exemption
60	IDT Sales to Exempt Organizations Exemption
65	IDT Food Stamps and WIC Sales Exemption
70	IDT Medical Equipment Exemption
75	IDT Broadcasting Exemption

SALES TAX EXEMPT CODES	
Code	**Description**
80	IDT Enterprise Zone Exemption
99	IDT Other Exemption

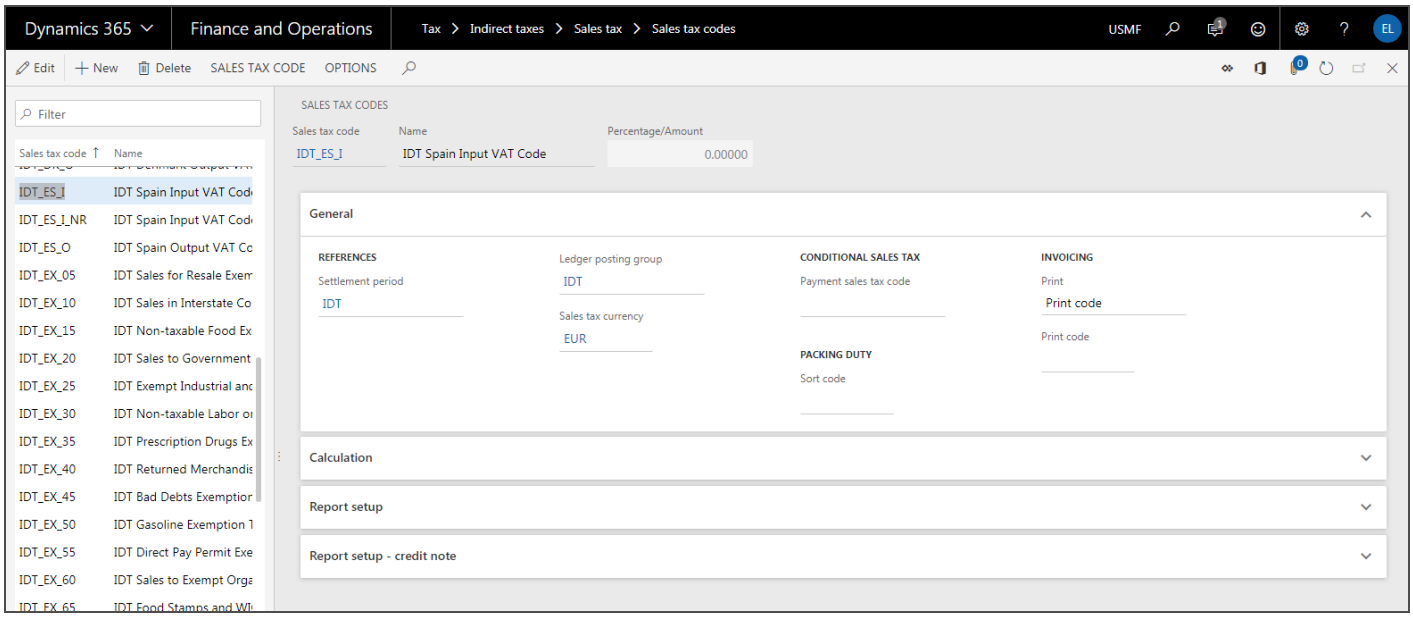
TAX CODE QUALIFIERS

The integration allows for detailed general ledger postings. These postings are performed by D365O when the record is saved, however configuration is required in both Determination and the integration for successful processing of tax results.

The first step is to create and setup Static Tax Code Qualifiers in Determination that map your chosen conditions to a predetermined D365O Sales tax code. This Sales tax code is returned in the tax result. For more information on how to configure Static Tax Code Qualifiers see Determination Help.

IDT Sales Tax Codes

The integration includes a list of default **IDT Sales tax codes**. These can be found at **Tax > Indirect taxes > Sales tax > Sales tax codes**. The **IDT Sales tax codes** you create or use must match the results from Determination, so while a default is available configuration is required.



The default **IDT Sales tax codes** include a large amount of detail and can get you started quickly. If desired, you can ignore or inactivate these default codes and replace them with your own custom **IDT Sales tax codes** that are configured with Determination results for your integration.

The GL postings related to the Sales tax codes are controlled by the associated Ledger posting group. The default configuration assigns the same posting group to both input and output Sales tax codes. If desired, this configuration can be changed.

REVERSE CHARGES

The integration supports reverse charge scenarios for both sales and purchase transactions.

By default, all transactions are sent to Determination with **Transaction Type = Goods**. Determination can be configured to recognize data elements in the XML (such as services commodity codes) and modify the line data sent so that **Transaction Type = Services**.

The integration does not recognize D365O service Items as services unless configured in Determination.

Reverse Charge on Purchase Transactions

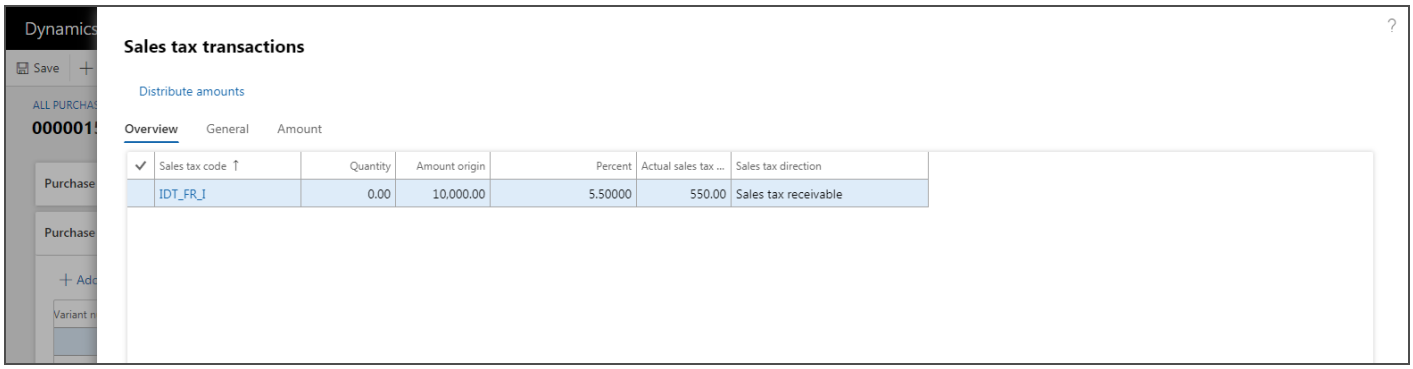
The integration uses the tax registrations of the vendor and the company (stored in Determination), address data, and Commodity Codes to evaluate taxability on purchases.

Example:

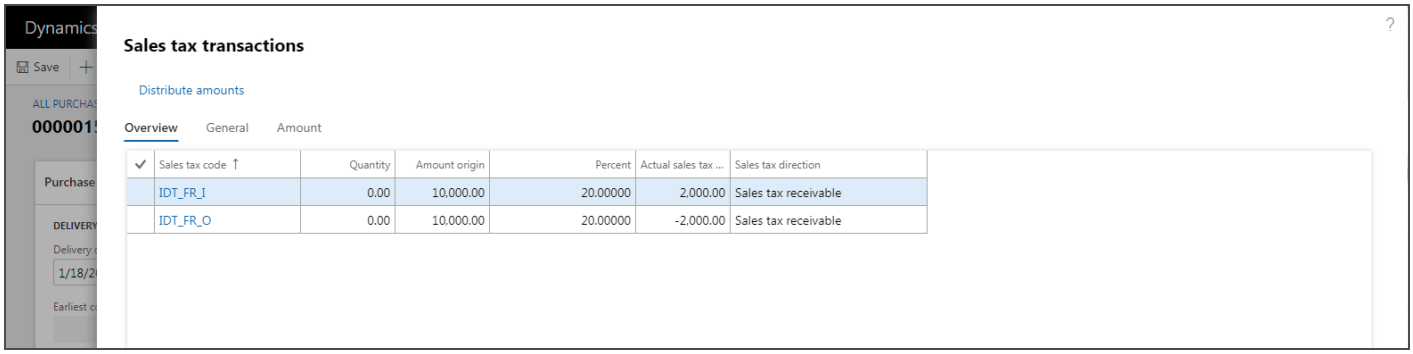
An Invoice is created with a single line that has a value of €10,000 shipping from Spain to France. The invoice has the following additional attributes:

- The Buyer Primary Address is **France** and the Seller Primary Address is **Spain**.
- The buyer and seller are each registered in both countries.
- Terms of Delivery is set to **DDP**.
- The item **Commodity Code** is **330510** and there are no additional configurations or custom rules in Determination

A reverse charge does not apply to this transaction and the invoice is calculated to have €550 Input VAT.



The same transaction but with a different **Commodity Code**, **S17.04.01**, and a rule configured to change the **Transaction Type** of the line to **Default Services** would result in €2,000 Output VAT and €2,000 Input VAT (a reverse charge) for a net amount of zero added to the transaction.



The Jurisdiction text summary for this transaction would include: "EUBS05: Recovery of reverse charge in Buyer's country under Articles 196 and 44 of EC Directive 2006/112."

Reverse Charge on Sales Transactions

The integration uses the tax registrations of the Customer and the Company (stored in Determination), address data, and Commodity Codes to evaluate taxability on sales.

Example:

An Invoice is created with a single line that has a value of €10,000 shipping from France to Spain. The invoice has the following additional attributes:

- The Buyer Primary Address is **Spain** and the Seller Primary Address is **France**.
- The buyer and seller are each registered in both countries.

- The item **Commodity Code** is **330510** and there are no additional configurations or custom rules in Determination.

A reverse charge does not apply here, so the invoice is calculated to have €550 in VAT. The same transaction, but with a different **Commodity Code**, **S17.04.01**, and a custom rule configured to change the **Transaction Type** of the line to **Default Services** would result in zero VAT because the buyer would be required to reverse charge.

The Jurisdiction text summary for this transaction would include: "EUSS28: No VAT liability in Seller's Country under Articles 44 of EC Directive 2006/112. Customer to reverse charge in Buyer's Country under Article 196."

APPENDIX C - SALES AND USE TAX RECONCILIATION REPORTING

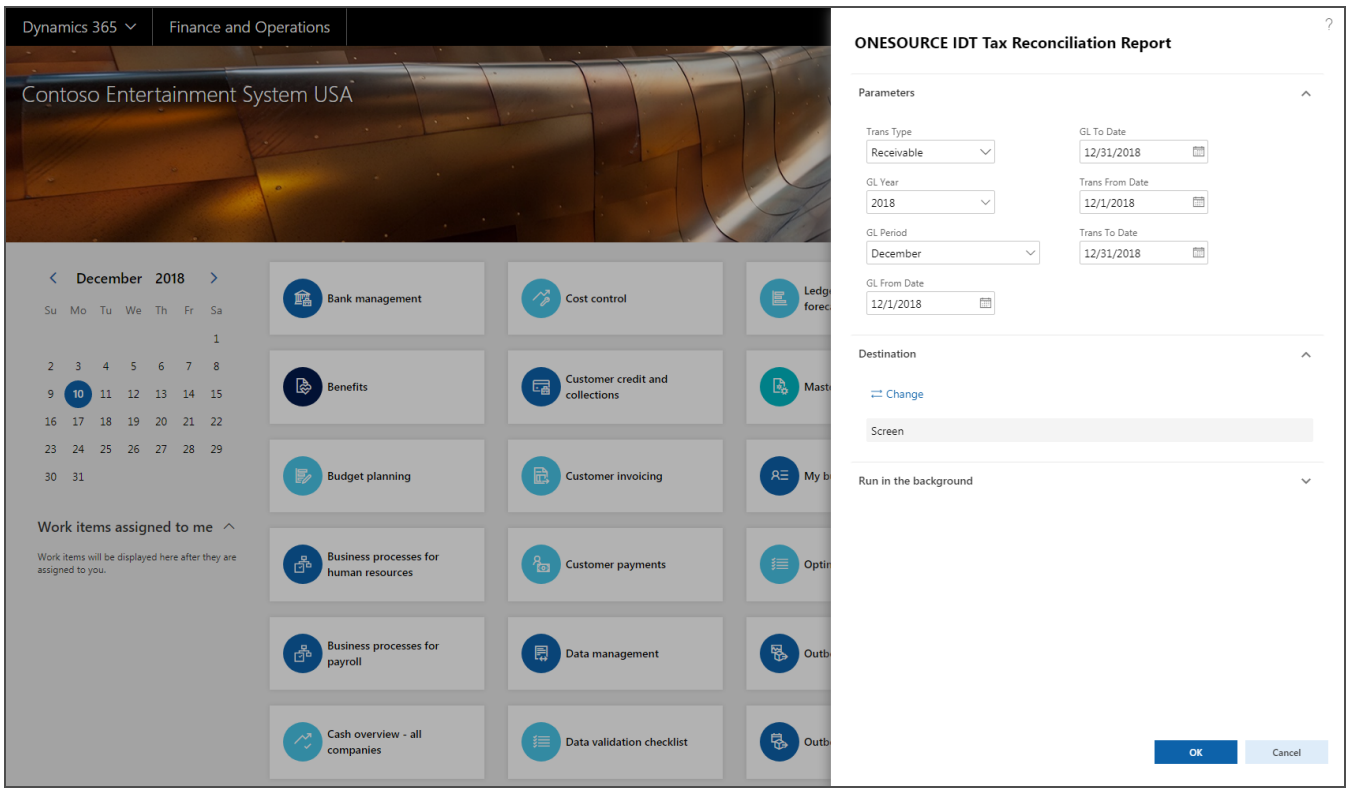
This section describes mapping from D365O to ONESOURCE Indirect Tax Reconciliation Extract Output.

The D365O SSRS report, IDT ONESOURCE Tax Reconciliation Report, uses Sales and Purchasing transaction data from D365O. It can be exported to a .csv file for upload to ONESOURCE Indirect Tax Reporting to use in the Reconciliation Report.

EXPORT THE IDT ONESOURCE RECONCILIATION EXTRACT TO A CSV FILE

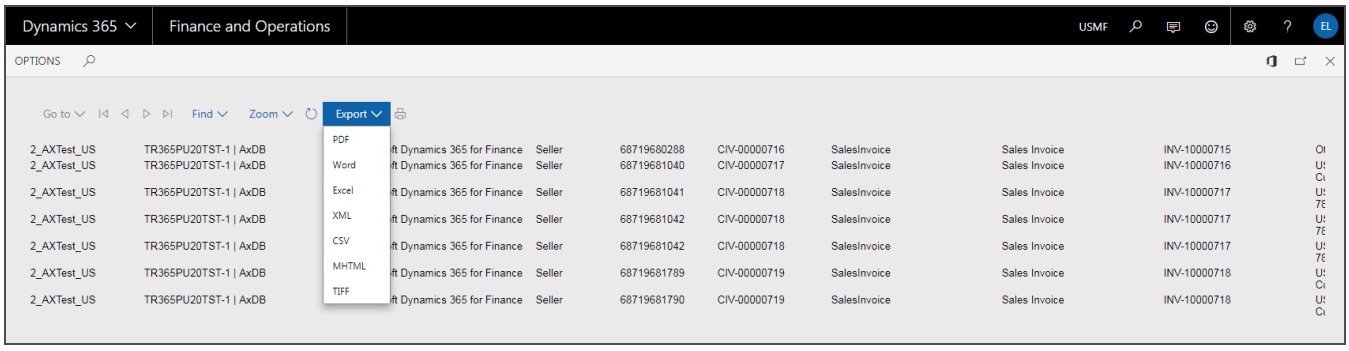
1. Navigate to **Tax > Inquiries and Reports > Sales tax reports > ONESOURCE IDT Tax Reconciliation Report**.

2. Select the desired criteria for **Trans Type**, **GL Year** and **GL Period**. The **GL From Date**, **GL To Date** and the **Trans From Date** and **Trans To Date** populate automatically.



3. Select **OK** to generate the report.

4. After the report prints to the screen, click **Export** and select **CSV (comma delimited)** to save the output as a .csv file.



5. Save your .csv output file as *ReconInputFile.csv*. You must name this file exactly as shown, with the .csv extension in lower case.

Avoid editing the .csv file with spreadsheet applications. Their auto-correct features may affect your data.

The Reconciliation Report compares data imported from the D365O ONESOURCE IDT Tax Reconciliation Report with the data in Determination's Audit database. The Reconciliation Report indicates transactions missing in D365O, transactions missing in Audit, as well as differences in tax amounts.

Filters are provided for you to select either Sales, Purchases, or both transaction types. These are defined by the D365O Transaction Type as follows:

- Sales transaction types include:
  - Sales Invoices
  - Sales Journals
  - Sales Returns
  - Credit Notes
  - Free Text Invoices
- Purchase transaction types include:
  - Vendor Invoices
  - Vendor Invoice Journals

The ONESOURCE integration uses all of the standard D365O tables for managing tax related transactions. All posted sales tax transactions are stored in the standard D365O sales tax transaction table named TaxTrans. Please see the Microsoft documentation for detailed information regarding this table.

APPENDIX D - CUSTOM ATTRIBUTES REFERENCE

To view the Microsoft Developer Network documentation for these tables, enter the table name followed by **D365O** in your search engine of choice. For example, enter **SalesTable D365O** in the Google search window.

DOCUMENT TYPE: SALES QUOTATIONS RELATED DOCUMENTS: SALES QUOTATION CONFIRMATION, SALES QUOTATION JOURNAL			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	SalesQuotationTable	SalesQuotationTable	SalesQuotationTable
Header	SalesQuotationTable	InvoiceCustomer	CustTable
Header	SalesQuotationTable	OrderCustomer	CustTable
Header	SalesQuotationTable	smmBusRelTable	smmBusRelTable
Line	SalesQuotationLine	SalesQuotationLine	SalesQuotationLine
Line	SalesQuotationLine	InventTable	InventTable
Line	SalesQuotationLine	InventDim	InventDim
Line	SalesQuotationLine	DlvTerm	DlvTerm
Line	InventTable	ecoResProduct	ecoResProduct

DOCUMENT TYPE: SALES ORDER RELATED DOCUMENTS: SALES ORDER CONFIRMATION, SALES INVOICE, RETURN ORDER			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	SalesTable	SalesTable	SalesTable
Header	SalesTable	InvoiceCustomer	CustTable
Header	SalesTable	OrderCustomer	CustTable

DOCUMENT TYPE: SALES ORDER RELATED DOCUMENTS: SALES ORDER CONFIRMATION, SALES INVOICE, RETURN ORDER			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	SalesTable	CustGroup	CustGroup
Line	SalesLine	SalesLine	SalesLine
Line	SalesLine	InventTable	InventTable
Line	SalesLine	InventDim	InventDim
Line	SalesLine	DlvTerm	DlvTerm
Line	InventTable	ecoResProduct	ecoResProduct

DOCUMENT TYPE: FREE TEXT INVOICE RELATED DOCUMENTS: FREE TEXT INVOICE, INVOICE			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	CustInvoiceTable	CustInvoiceTable	CustInvoiceTable
Header	CustInvoiceJour	CustInvoiceJour	CustInvoiceJour
Header	CustInvoiceTable	CustTable_InvoiceAmount	CustTable
Header	CustInvoiceTable	CustTable_OrderAmount	CustTable
Header	CustInvoiceTable	CustGroup	CustGroup
Header	CustInvoiceTable	DlvTerm	DlvTerm
Line	CustInvoiceLine	CustInvoiceLine	CustInvoiceLine
Line	CustInvoiceTrans	CustInvoiceTrans	CustInvoiceTrans

DOCUMENT TYPE: PURCHASE REQUISITION			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	PurchReqTable	PurchReqTable	PurchReqTable

DOCUMENT TYPE: PURCHASE REQUISITION			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Line	PurchReqLine	PurchReqLine	PurchReqLine
Line	PurchReqLine	InventTable	InventTable
Line	PurchReqLine	InventDim	InventDim
Line	PurchReqLine	VendTable	VendTable

DOCUMENT TYPE: REQUEST FOR QUOTATION RELATED DOCUMENTS: REQUEST FOR QUOTATION REPLY, REQUEST FOR QUOTATION JOURNAL			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	purchRFQTable	purchRFQTable	purchRFQTable
Header	purchRFQTable	VendTable	VendTable
Header	purchRFQTable	DlvTerm	DlvTerm
Line	purchRFQLine	purchRFQLine	purchRFQLine
Line	purchRFQLine	InventTable	InventTable
Line	purchRFQLine	InventDim	InventDim
Line	InventTable	ecoResProduct	ecoResProduct

DOCUMENT TYPE: PURCHASE ORDER RELATED DOCUMENTS: PURCHASE INVOICE, VENDOR INVOICE			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	PurchTable	PurchTable	PurchTable
Header	PurchTable	InvoiceVendor	VendTable
Header	PurchTable	OrderVendor	VendTable

DOCUMENT TYPE: PURCHASE ORDER RELATED DOCUMENTS: PURCHASE INVOICE, VENDOR INVOICE			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	PurchTable	VendGroup	VendGroup
Header	PurchTable	DlvTerm	DlvTerm
Line	PurchLine	PurchLine	PurchLine
Line	PurchLine	InventTable	InventTable
Line	PurchLine	InventDim	InventDim
Line	InventTable	ecoResProduct	ecoResProduct

DOCUMENT TYPE: VENDOR INVOICE JOURNAL			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	LedgerJournalTable	LedgerJournalTable	LedgerJournalTable
Line	LedgerJournalTrans	LedgerJournalTrans	LedgerJournalTrans
Line	VendTrans	VendTable_AccountNum	VendTable

DOCUMENT TYPE: PROJECT RELATED DOCUMENTS: PROJECT INVOICE			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Header	ProjInvoiceJour	ProjInvoiceJour	ProjInvoiceJour
Header	ProjProposalJour	CustTable_Invoice	CustTable
Header	ProjProposalJour	CustTable_Order	CustTable
Header	ProjProposalJour	DlvTerm	DlvTerm
Line	ProjProposalCost	ProjProposalCost	ProjProposalCost
Line	ProjProposalEmpl	ProjProposalEmpl	ProjProposalEmpl

DOCUMENT TYPE: PROJECT RELATED DOCUMENTS: PROJECT INVOICE			
Level	**Relation Source Table**	**Relation Name**	**Relation Destination Table**
Line	ProjProposalItem	ProjProposalItem	ProjProposalItem
Line	ProjProposalOnAcc	ProjProposalOnAcc	ProjProposalOnAcc
Line	ProjProposalRevenue	ProjProposalRevenue	ProjProposalRevenue
Line	ProjInvoiceCost	ProjInvoiceCost	ProjInvoiceCost
Line	ProjInvoiceEmpl	ProjInvoiceEmpl	ProjInvoiceEmpl
Line	ProjInvoiceItem	ProjInvoiceItem	ProjInvoiceItem
Line	ProjInvoiceOnAcc	ProjInvoiceOnAcc	ProjInvoiceOnAcc
Line	ProjInvoiceRevenue	ProjInvoiceRevenue	ProjInvoiceRevenue
Line	ProjProposalItem	InventTable	Inventtable
Line	ProjProposalItem	SalesLine	SalesLine