

# InteliTax Deployment & Setup Guide

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## Document History

User	Date	Comment
<b>Stelian Ileanu</b>	03/26/2020	Updated
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## 1. Publishing and Installing IntelliTax Extension

Publishing an extension to a Dynamics 365 Business Central on-premise server instance adds the extension to the application database that is mounted on the server instance, making it available for installation on tenants of the server instance.

- ❖ Start the Dynamics NAV Administration Shell.

- ❖ To publish the extension, run the [Publish-NAVApp cmdlet](#).

The cmdlet takes as parameters the Dynamics 365 Business Central service instance that you want to install to and the .app package file that contains the extension.

```
Publish-NAVApp -ServerInstance DynamicsNAVServer -Path ".\Intelice Solutions_InteliTax2_00Ext_v15_2.15.0.xxxxxxx.app"
```

- ❖ To synchronize the schema of a tenant database to the extension, run the [Sync-NavApp cmdlet](#).

```
Sync-NavApp -ServerInstance DynamicsNAVServer -Name InteliTax2_00Ext_v15 -Version 2.15.0.xxxxxxx -Tenant TenantID
```

You can omit -Tenant if you don't have multiple tenants.

- ❖ To install the extension on one or more tenants, use the `Install-NAVApp` cmdlet.

```
Install-NAVApp -ServerInstance DynamicsNAVServer -Name InteliTax2_00Ext_v15 -Version 2.15.0.xxxxxxx  
-Tenant Tenant1, Tenant3
```

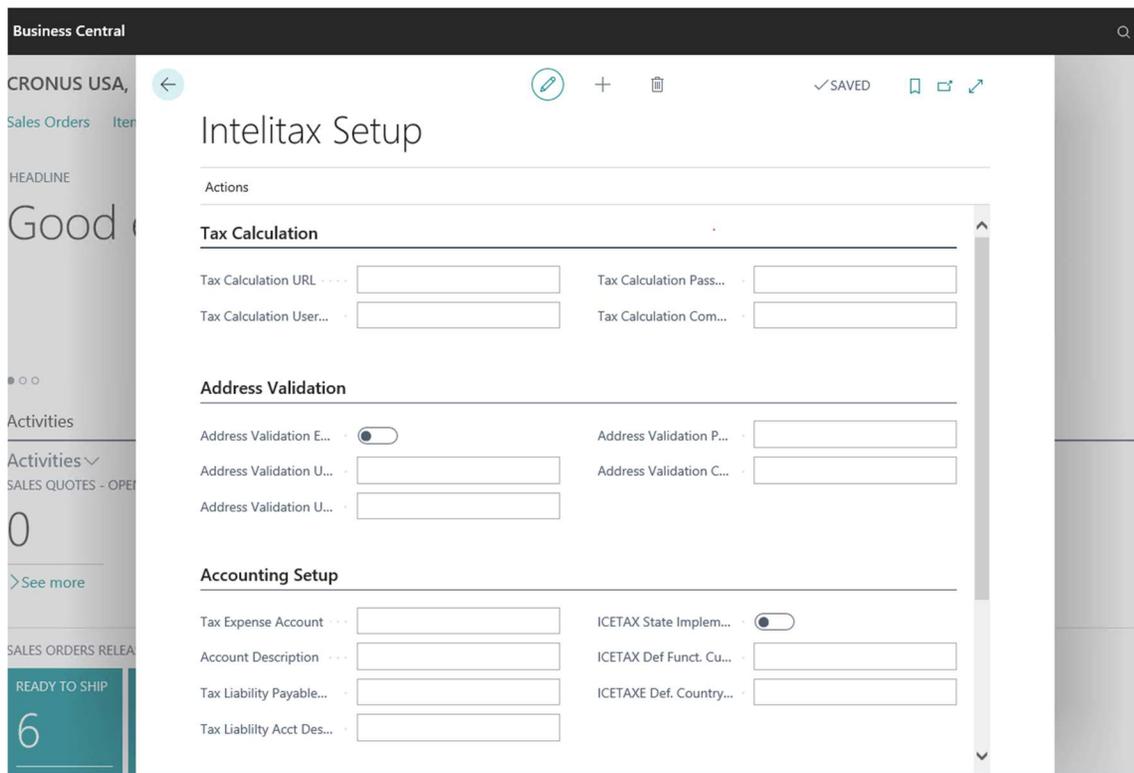
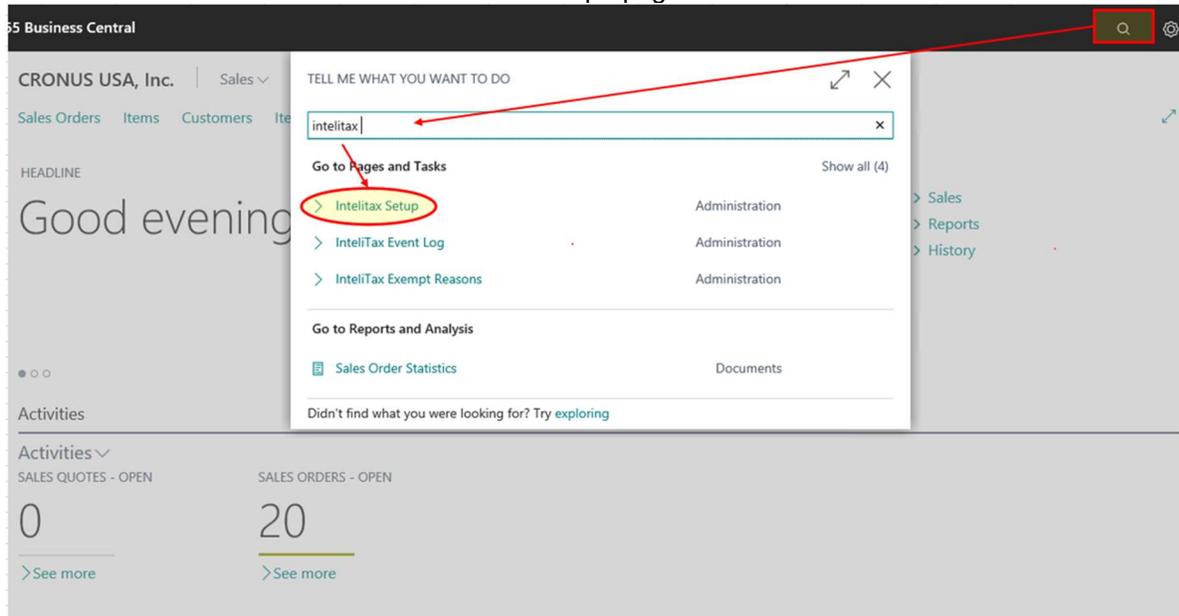
You can omit -Tenant if you don't have multiple tenants.



## 2. Setup Page for Web Service

After Thomson Reuters creates your account and provides you the login information, you need to setup the URL address, user and password for the Determination service in the setup page of the extension.

In the search command search for <InteliTax Setup> page.



In the Setup page you need to enter the account information provided by Thomson Reuters. Descriptions for Fast Tabs follow.

Fast Tab	Description
<b>Tax Calculation</b>	<p>Contains information for tax service</p> <p><b>Enter the following information.</b></p> <p>Production URL/Credentials for Customer:</p> <p>INTELITAX URL and Credentials (Production) <i>(from Thomson Reuters )</i></p> <p><u>Credentials</u>                      UserName: <i>(from Thomson Reuters)</i>                      Password: <i>(from Thomson Reuters)</i></p> <p><u>External Company ID's</u>  <i>(Company Canada)</i> <span style="float: right;"><i>(from Thomson Reuters)</i></span>  <i>(Company US)</i> <span style="float: right;"><i>(from Thomson Reuters)</i></span></p>
<b>Address Validation</b>	<p>Contains information for Address Validation service. If you did not acquire the Address Validation service, set the switch for Address Validation Enabled to off.</p>
<b>Accounting Setup</b>	<p>Used for Defaults</p> <p>ICETAX State Implement – Check this field if you want to store taxes in D365BC/NAV at a state level instead of one tax area with 5 jurisdictions:</p> <p>City, County, District, State, Non-Liable</p> <p>INTELITAX Default Country: 'US'/'CA'</p>
<b>Debug</b>	<p>Contains information about debugging. It sets up the type of debug (address, tax or both) and the path where the xml request and response files will be stored.</p>

The Debug Fast Tab can be used to generate the xml files necessary to debug an issue with Thomson Determination Service.

Debug field is an option list, containing the following values:

**Debug**

---

Debug ..... 
 None  
 Address Request  
 Address Response  
 Tax Request  
 Tax Response

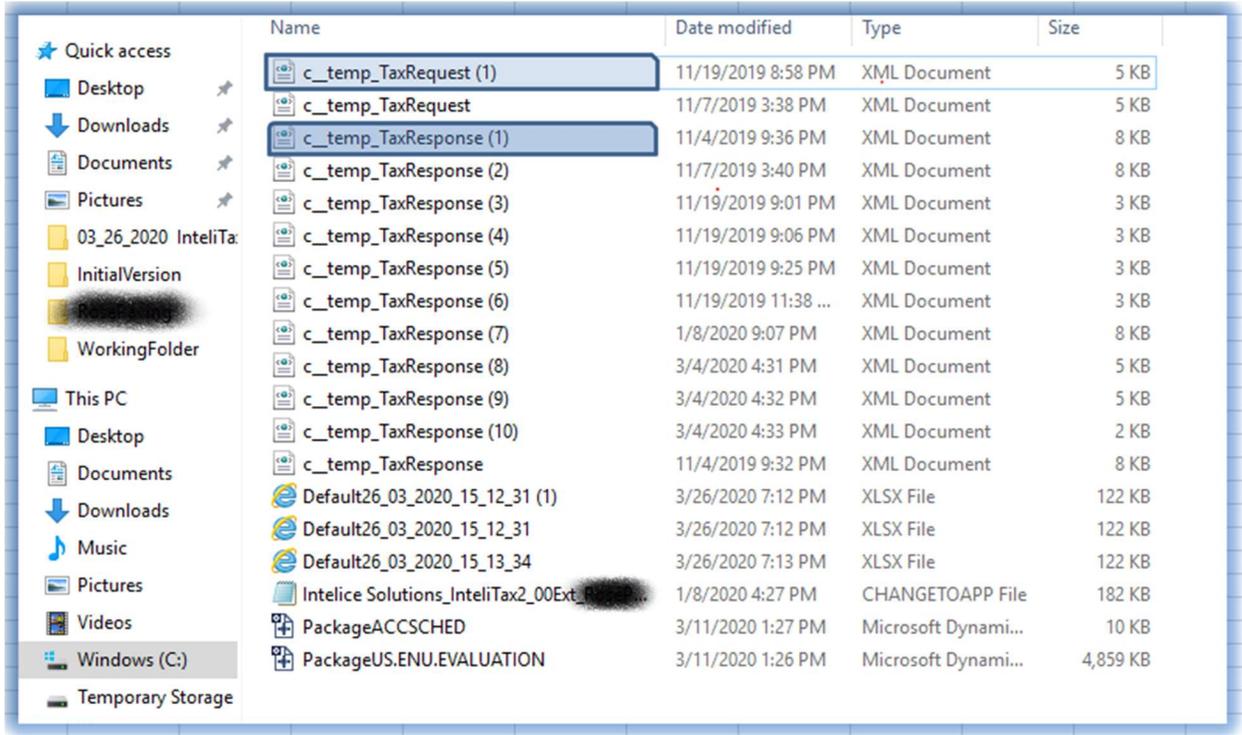
Path to Save XML .....

---

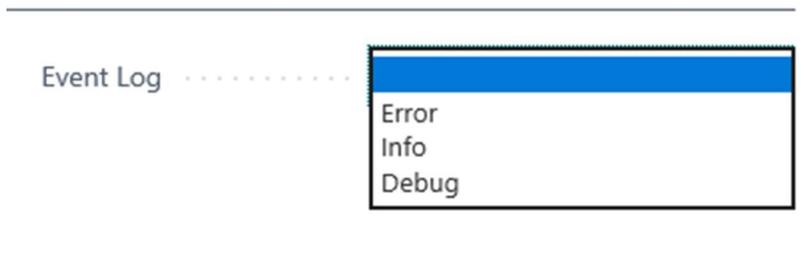


None means no information is saved. This is the normal value when using Business Central.  
Address request/Address Response save xml files for address validation service.

Tax Request/Tax Response save corresponding xml files for Simple Tax service.  
Files are saved in C:\Users\User\_Name\Downloads folder.



Event Log field is another option list, used to set how the activities are registered in the InteliTax log.



Blank means no event is recorded.

Error – only errors are recorded.

Info records errors and some informational events.

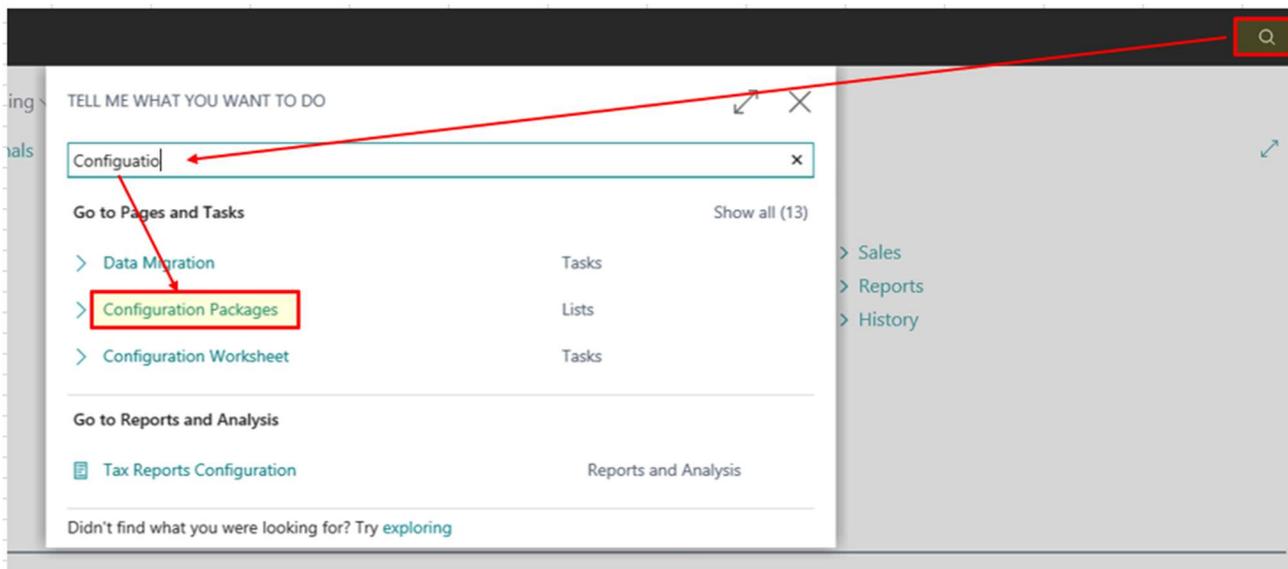
Debug is recording all transactions in the process of requesting and receiving the tax information.



### 3. Data Setup

#### Import the INTELITAX Configuration Package

In the search command search for <Configuration Packages> page.



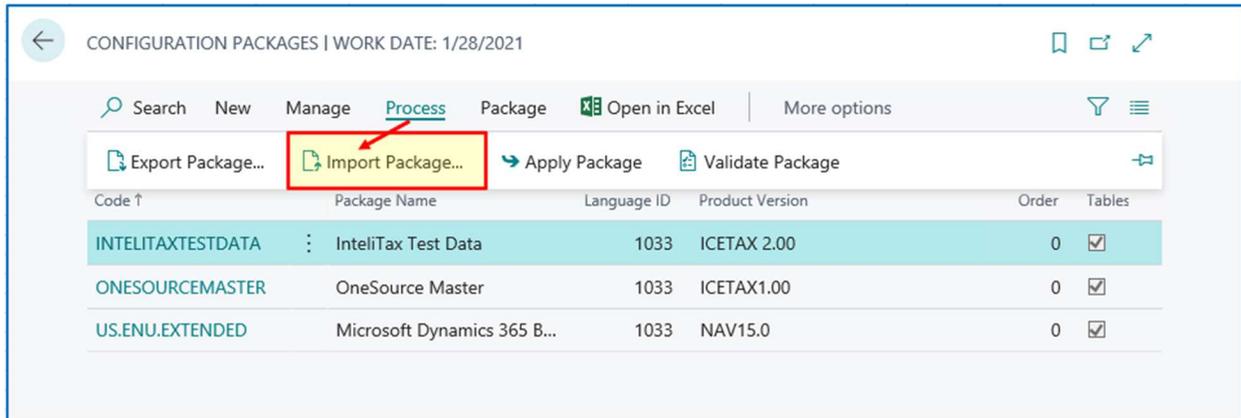
← CONFIGURATION PACKAGES | WORK DATE: 1/28/2021

Search New Manage Process Package Open in Excel More options

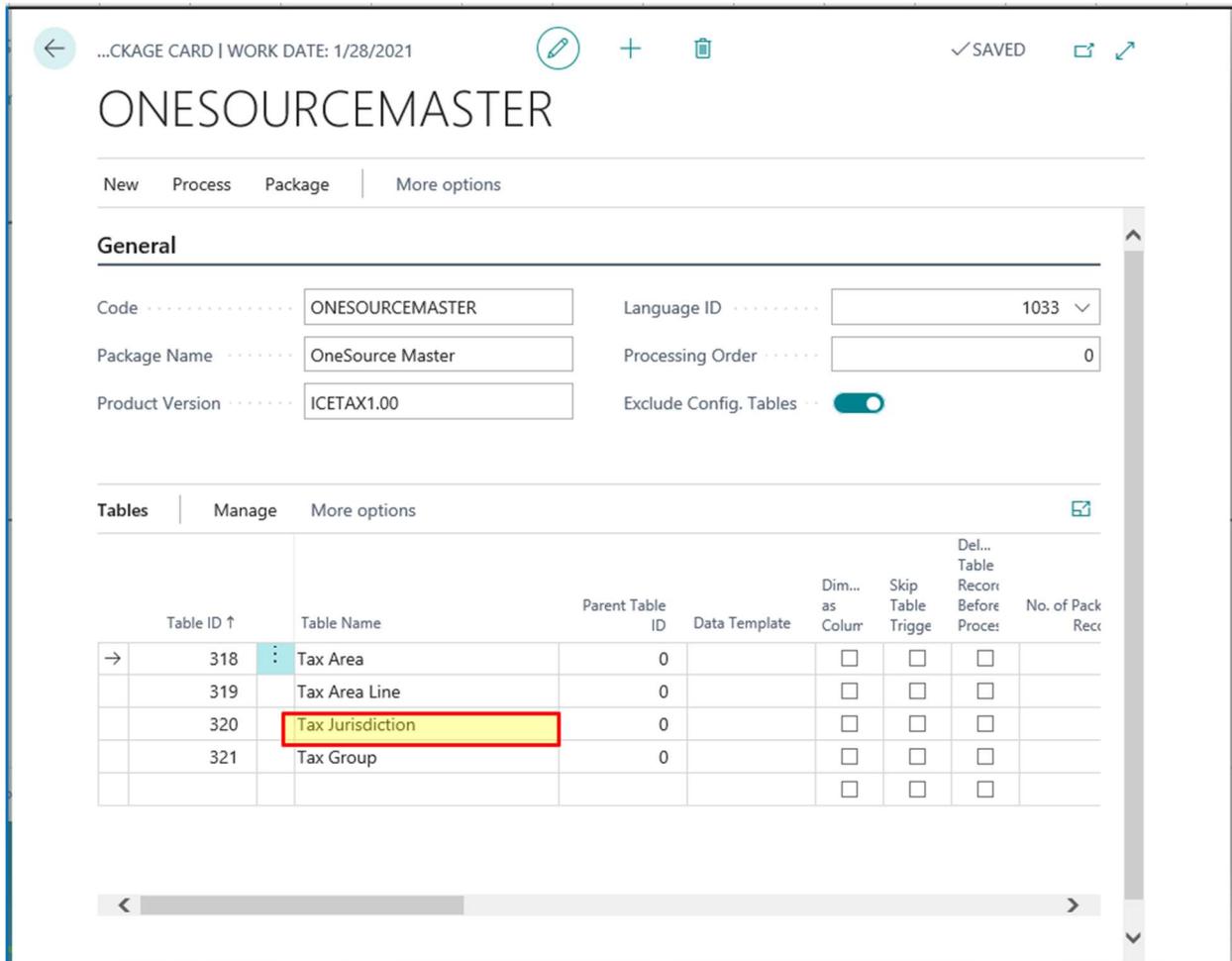
Code ↑	Package Name	Language ID	Product Version	Processing Order	Excl... Config Tables
INTELITAXTESTDATA	InteliTax Test Data	1033	ICETAX 2.00	0	<input checked="" type="checkbox"/>
ONESOURCEMASTER	OneSource Master	1033	ICETAX1.00	0	<input checked="" type="checkbox"/>
US.ENU.EXTENDED	Microsoft Dynamics 365 B...	1033	NAV15.0	0	<input checked="" type="checkbox"/>



From the list select ONESOURCE Master package. Open the Configuration package provided . If you do not see it in the list, navigate to the folder where you stored it and Import it.

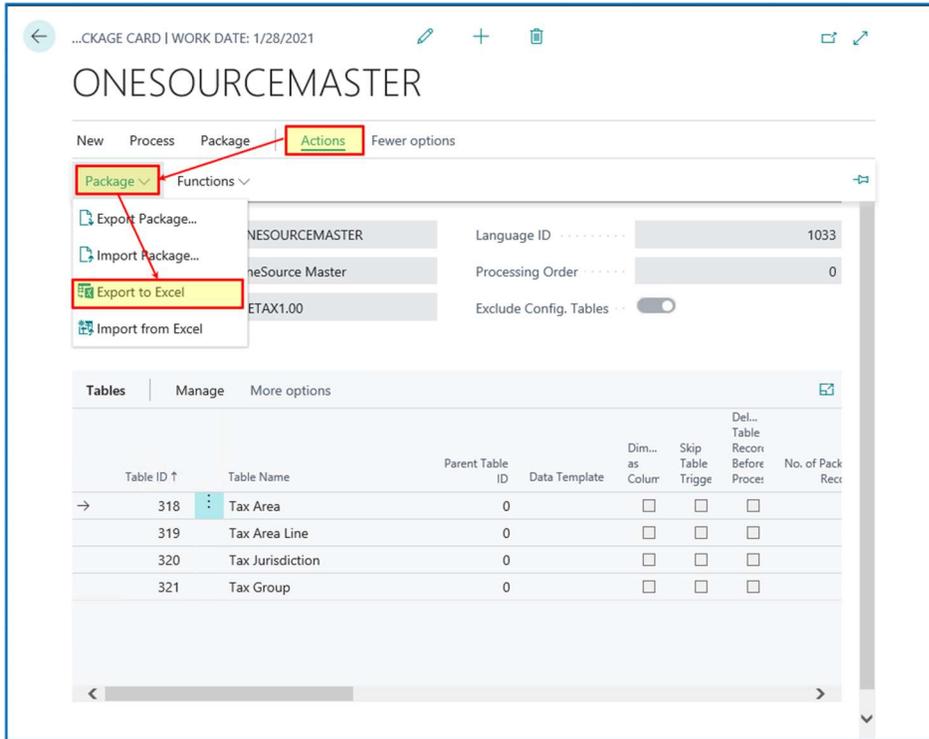


Import Package will open a page allowing you to select the package to import.



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Errors in the configuration package can be caused by a nonexistent Tax G/L Account No. If that is the case, you need to export the Tax Jurisdiction table to Excel, correct the Account No. once it is established and reimport the lines in Business Central.



Code	Description	Tax Account (Sales)	Tax Account (Purchas)	Report- Jurisdicti on	Unreal. Tax Acc. (Sales)	Unreal. Tax Acc. (Purchas)	Reverse Charge (Purch. Type)	Unreal. Charge	Unrealiz ed Tax	Calculate Tax	Adjust for Payment	Country/ Region	Print Order	Print Descripti on
FL	State of Florida	20600	20600	FL		20600			false	false	US	0		
FLDADE	Dade County, FL	20600	20600	FL		20600			false	false	US	0		
FLMIAMI	City of Miami, FL	20600	20600	FL		20600			false	false	US	0		
GA	State of Georgia	20600	20600	GA		20600			false	false	US	0		
GAATLANTA	City of Atlanta, GA	20600	20600	GA		20600			false	false	US	0		
GAFULTON	Fulton County, GA	20600	20600	GA		20600			false	false	US	0		
GAGWINNETT	Gwinnett County, GA	20600	20600	GA		20600			false	false	US	0		
GAMARTA	Marta District, GA	20600	20600	GA		20600			false	false	US	0		
IL	State of Illinois	20600	20600	IL		20600			false	false	US	0		
ILCHICAGO	City of Chicago, IL	20600	20600	IL		20600			false	false	US	0		
ILCOOK	COOK County, IL	20600	20600	IL		20600			false	false	US	0		
OSC_AK_S		20600	20600			20600			false	false	US	0		
OSC_AL_S		20600	20600			20600			false	false	US	0		
OSC_AS_S		20600	20600			20600			false	false	US	0		
OSC_AZ_S		20600	20600			20600			false	false	US	0		
OSC_CA_S		20600	20600			20600			false	false	US	0		
OSC_CITY_S		20600	20600			20600			false	false	US	0		
OSC_CNTY_S		20600	20600			20600			false	false	US	0		
OSC_CO_S		20600	20600			20600			false	false	US	0		
OSC_CT_S		20600	20600			20600			false	false	US	0		
OSC_DE_S		20600	20600			20600			false	false	US	0		
OSC_DIST_S		20600	20600			20600			false	false	US	0		
OSC_FL_S		20600	20600			20600			false	false	US	0		
OSC_FM_S		20600	20600			20600			false	false	US	0		
OSC_GA_S		20600	20600			20600			false	false	US	0		
OSC_GST_S		20600	20600			20600			false	false	US	0		
OSC_GU_S		20600	20600			20600			false	false	US	0		



After making the corrections for Account Nos., re-import the file in Business Central.

...CKAGE CARD | WORK DATE: 1/28/2021

## ONESOURCEMASTER

New Process **Package** Actions Fewer options

Export to Excel **Import from Excel**

Code ..... ONESOURCEMASTER Language ID ..... 1033

Package Name ..... OneSource Master Processing Order ..... 0

Product Version ..... ICETAX1.00 Exclude Config. Tables

Table ID ↑	Table Name	Parent Table ID	Data Template	Dim... as Colu...	Skip Table Trigge	Del... Table Recorr Before Proce:	No. of Pack Recc
→ 318	Tax Area	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
319	Tax Area Line	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
320	Tax Jurisdiction	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
321	Tax Group	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



## Run the Import Package

Optionally, verify the Package. Run Apply Package action on the appropriate package for the company you are setting up (US or Canada).

The import package action will setup tax area codes.

The screenshot shows the ONESOURCEMASTER application interface. At the top, there is a navigation bar with a back arrow, the text "...CKAGE CARD | WORK DATE: 1/28/2021", and icons for edit, add, and delete. Below this is the main title "ONESOURCEMASTER".

The main content area has a header with "New" and "Process" (highlighted in red) buttons. Below this is a row of action buttons: "Export Package...", "Import Package...", "Apply Package" (highlighted in red), and "Validate Package". A red arrow points from the "Process" button to the "Apply Package" button.

Below the action buttons are several input fields:

- Code: ONESOURCEMASTER
- Language ID: 1033
- Package Name: OneSource Master
- Processing Order: 0
- Product Version: ICETAX1.00
- Exclude Config. Tables:

At the bottom, there is a table with the following columns: Table ID ↑, Table Name, Parent Table ID, Data Template, Dim... as Colunn, Skip Table Trigge, Del... Table Recori Before Proce:, and No. of Pack Recc.

Table ID ↑	Table Name	Parent Table ID	Data Template	Dim... as Colunn	Skip Table Trigge	Del... Table Recori Before Proce:	No. of Pack Recc
→ 318	Tax Area	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
319	Tax Area Line	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
320	Tax Jurisdiction	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
321	Tax Group	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



## INTELITAX tax group codes

InteliTax tax group codes are imported through the Configuration package.

### Tax Groups ▾

Code	Description
G23K	Countertops
G23P	Earth and Stone
G23Y	Paper Claws
G24G	Keyboard Drawers or Shelves
G24J	Overalls, Coveralls
G24M	Dental Floss
G24Q	Optional Warranty Special Poli
G24U	Multimedia Kits
G24X	10 Live Plant and Animal Mater
G24Y	Personal Care Products - Medic
G25F	Bio-Diesel 11% - MFT paid
G25G	Weighth and Resistance Traininn

## INTELITAX Tax Jurisdictions.

Before importing Tax Jurisdictions, it is recommended to provide the Tax Setup accounts. Go to Tax Setup and enter the G/L accounts that sales taxes should post to. You can modify the default accounts where sales tax should post in the following Tax Setup page.

Both US and Canadian Tax Jurisdiction data are imported through rapidstart package.

**Tax Jurisdictions** ▾

**Show results:**

✗ Where Code ▾ is  ▾

+ Add Filter

Code	Description	Default Sales and Use Tax	Tax Account (Sales)	Tax Accour (Purchases)
OSC_CITY_S	ONESOURCE US City Sales Tax	0.00	22700	22750
OSC_CNTY_S	ONESOURCE US County Sale...	0.00	22700	22750
OSC_DIST_S	ONESOURCE US Dist. Sales Tax	0.00	22700	22750
OSC_STAT_S	ONESOURCE US State Sales ...	0.00	22700	22750
OSC_ZERO_S	ONESOURCE US Non-Liable Tax	0.00	22700	22750



## INTELITAX Tax Exempt Reason Codes.

INTELITAX Tax Exempt Reason Codes are provided by OneSource Tax Engine and are imported through rapidstart package. New values can be added after searching for <InteliTax Exempt Reasons> and editing the page.

← INTELITAX EXEMPT REASONS | WORK DATE: 1/28/2021
✓ SAVED
🔖 📄 ↗

🔍 Search
+ New
✎ Edit List
🗑 Delete
📄 Open in Excel
🔍 ☰

Code ↑			Description
→ 10	✕	⋮	Sales in Interstate Commerce
15			Non-taxable Food
20			Sales to Government
25			Exempt Industrial and Farm Machinery
30			Non-taxable Labor or Service
35			Prescription Drugs
40			Returned Merchandise
45			Bad Debts
5			Sales for Resale
50			Gasoline (Motor fuel on which tax is paid)
55			Direct Pay Permit
60			Sales to Exempt Organizations (schools, hospitals, non-profit, churches, etc.)
65			Food Stamps and WIC Sales
70			Medical Equipment
75			Broadcasting
80			Enterprise Zone
99			Other



## 4. Update Master Records

### *Customer*

The Tax Area Code on the customer records will need to be updated with ONESOURCE-US or ONESOURCE-CA. This can be done by your partner, via configuration package, or via Edit in Excel.

### *Item/Resource/G/L Account*

The Tax Group Code on the Item, Resource or G/L Account with the proper Tax Group Code. This can be done by your partner, via configuration package, or via Edit in Excel.



## 5. Integration architecture of INTELITAX connector



## 6. Process Flow

Here is a high-level flow of the integration calls showing when the audited call is made. It is only Audited upon posting the invoice.

### Process Flow

