InteliTax Deployment & Setup Guide

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	Publishing and Installing InteliTax Extension Setup Page for Web Service Data Setup

Document History

User	Date	Comment
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1. Publishing and Installing InteliTax 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 <u>Publish-NAVApp cmdlet</u>.
 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 <u>Sync-NavApp cmdlet</u>.
 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.xxxxxxxx
 -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.

55 Business Central						Q	Ø
CRONUS USA, Inc. Sale	5 V TELL ME WHAT YOU WANT TO DO		ZX				
Sales Orders Items Customer	; Ite intelitax		×				2
HEADLINE	Go to Pages and Tasks		Show all (4)				
Good eveni	Intelitax Setup	Administration		> Sales			
	> InteliTax Event Log	. Administration		> History			
	> InteliTax Exempt Reasons	Administration					
	Go to Reports and Analysis						
	Sales Order Statistics	Documents					
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G Tax Liabili	y Payable	ICETAXE Def. Country					
	y hut 000m			~			



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

Fast Tab	Description
Tax Calculation	Contains information for tax service
	Enter the following information.
	Production URL/Credentials for Customer:
	INTELITAX URL and Credentials (Production) (from Thomson Reuters)
	<u>Credentials</u> UserName: (from Thomson Reuters) Password: (from Thomson Reuters)
	External Company ID's(Company Canada)(from Thomson Reuters)(Company US)(from Thomson Reuters)
Address Validation	Contains information for Address Validation service. If you did not acquire the Address Validation service, set the switch for Address Validation Enabled to off.
Accounting Setup	Used for Defaults
	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:
	City, County, District, State, Non-Liable
	INTELITAX Default Country: 'US'/'CA'
Debug	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.

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
Path to Save XML	Address Request Address Response Tax Request Tax Response



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.

10:1	Name	Date modified	Туре	Size	
Quick access	c_temp_TaxRequest (1)	11/19/2019 8:58 PM	XML Document	5 KB	
Desktop 📌	<pre>c_temp_TaxRequest</pre>	11/7/2019 3:38 PM	XML Document	5 KB	
Downloads 🖈	📄 c_temp_TaxResponse (1)	11/4/2019 9:36 PM	XML Document	8 KB	
🔮 Documents 🛛 🖈	c_temp_TaxResponse (2)	11/7/2019 3:40 PM	XML Document	8 KB	
E Pictures 🖈	c_temp_TaxResponse (3)	11/19/2019 9:01 PM	XML Document	3 KB	
03_26_2020 InteliTa:	c_temp_TaxResponse (4)	11/19/2019 9:06 PM	XML Document	3 KB	
InitialVersion	c_temp_TaxResponse (5)	11/19/2019 9:25 PM	XML Document	3 KB	
Reselfement	c_temp_TaxResponse (6)	11/19/2019 11:38	XML Document	3 KB	
WorkingFolder	c_temp_TaxResponse (7)	1/8/2020 9:07 PM	XML Document	8 KB	
Workingrouder	c_temp_TaxResponse (8)	3/4/2020 4:31 PM	XML Document	5 KB	
💻 This PC	c_temp_TaxResponse (9)	3/4/2020 4:32 PM	XML Document	5 KB	
Desktop	c_temp_TaxResponse (10)	3/4/2020 4:33 PM	XML Document	2 KB	
Documents	c_temp_TaxResponse	11/4/2019 9:32 PM	XML Document	8 KB	
	Ø Default26_03_2020_15_12_31 (1)	3/26/2020 7:12 PM	XLSX File	122 KB	
Music	Ø Default26_03_2020_15_12_31	3/26/2020 7:12 PM	XLSX File	122 KB	
	Ø Default26_03_2020_15_13_34	3/26/2020 7:13 PM	XLSX File	122 KB	
Pictures	Intelice Solutions_InteliTax2_00Ext_Research	1/8/2020 4:27 PM	CHANGETOAPP File	182 KB	
Videos	PackageACCSCHED	3/11/2020 1:27 PM	Microsoft Dynami	10 KB	
骗 Windows (C:)	PackageUS.ENU.EVALUATION	3/11/2020 1:26 PM	Microsoft Dynami	4,859 KB	
🕳 Temporary Storage					

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

Event Log

Error	
Info	
Debug	

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.

Configuatio		×	
Go to Pages and Tasks	Show all (1	3)	
> Data Moration	Tasks	> Sales	
> Configuration Packages	Lists	> History	
> Configuration Worksheet	Tasks		
Go to Reports and Analysis		-	
Tax Reports Configuration	Reports and Analysis		
Didn't find what you were looking for? Try explor	ing	-	

			~			Processing	Excl Confic
Code ↑		Package Name		Language ID	Product Version	Order	Tables
INTELITAXTESTDATA		InteliTax Test D	ata	1033	ICETAX 2.00	0	
ONESOURCEMASTER	÷	OneSource Mas	ster	1033	ICETAX1.00	0	
US.ENU.EXTENDED		Microsoft Dyna	mics 365 B	1033	NAV15.0	0	



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.

CONFIGURATION PACK	AGES WORK DATE: 1/28/2021		Д	c 2
✓ Search New	Manage <u>Process</u> Package	Open in Excel More options		⊽ ≡
🖹 Export Package	🕒 Import Package 🍤 Apply	/ Package 📄 Validate Package		-127
Code î	Package Name	Language ID Product Version	Order	Tables
INTELITAXTESTDATA	InteliTax Test Data	1033 ICETAX 2.00	0	
ONESOURCEMASTER	OneSource Master	1033 ICETAX1.00	0	\checkmark
US.ENU.EXTENDED	Microsoft Dynamics 365 B	1033 NAV15.0	0	2

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

Gener	al							
Code		ONESOURCEMASTER	Langua	ge ID				1033 ∨
Package	Name	OneSource Master	Process	ing Order				0
Product	Version	ICETAX1.00	Exclude	Config. Tables		>		
Tables	Table ID 1	Table Name	Parent Table ID	Data Template	Dim as Colum	Skip Table Trigge	Del Table Record Before Proces	No. of Pack Reco
	318 :	Tax Area	0					
\rightarrow	319	Tax fried Line	0					
→ 	319 320	Tax Jurisdiction	0			_		
→ 	319 320 321	Tax Jurisdiction Tax Group	0					



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.

Hen Hocess He	Actions Fewer	options					
Package V Functi	ons 🗸						
Export Package	NESOURCEMASTER	Langua	ige ID				1033
Li Import Package	neSource Master	Process	sing Order				0
Export to Excel	ETAX1.00	Exclude	Config. Tables)		
Tables Manag	ge More options						5
				Dise	ci.i.	Table	
Table ID ↑	Table Name	Parent Table ID	Data Template	as Colum	Table Trigge	Before Proces	No. of Pack Reco
→ 318 [‡]	Tax Area	0					
319	Tax Area Line	0					
320	Tax Jurisdiction	0					
	Teu Comun	0					

ONESOURCEMA	S Tax Jurisdiction	320													
			Тах	Report-		Unreal.	Reverse	Unreal.			Adiust				
		Тах	Account	to	Unreal.	Tax Acc.	Charge	Rev.	Unrealiz	Calculate	for				Print
		Account	(Purchas	Jurisdicti	Tax Acc.	(Purchas	(Purchas	Charge	ed Tax	Tax on	Payment		Country/	Print	Descripti
Code	Description	(Sales) 💌	es) 🔻	on 💌	(Sales) 🔻	es) 💌	es) -	(Purch.	Туре 💌	Tax 💌	Discour	Name 💌	Region	Order	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	



		Actions Fewer	options					
Exp	port to Excel	翻 Import from Excel						-0
Code		ONESOURCEMASTER	Langua	ge ID				1033
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	e Manag	 More options 						53
	s Manag Table ID ↑	e More options	Parent Table ID	Data Template	Dim as Colurr	Skip Table Trigge	Del Table Recora Before Proces	No. of Pack Rect
→	s Manag Table ID ↑ 318	Table Name Tax Area	Parent Table ID 0	Data Template	Dim as Colum	Skip Table Trigge	Del Table Recorr Before Proces	No. of Pack Rect
→	s Manag Table ID ↑ 318 : 319	e More options Table Name Tax Area Tax Area Line	Parent Table ID 0	Data Template	Dim as Colum	Skip Table Trigge	Del Table Record Before Proces	No. of Pack Reco
→	s Manag Table ID ↑ 318 : 319 320	More options Table Name Tax Area Tax Area Tax Jurisdiction	Parent Table ID 0 0	Data Template	Dim as Colurr	Skip Table Trigge	Del Table Recorr Before Proces	No. of Pack Reco

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



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.

New	Process	Pac	age Actions Fewer	options					
□ \$ E	xport Package		☐ Import Package → → Ap	ply Package	🖞 Validate Packa	age			
Code			ONESOURCEMASTER	Langua	ige ID				1033
Packag	ge Name		OneSource Master	Process	Processing Order				
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Tab	les Ma Table ID ↑	nage	More options	Parent Table ID	Data Template	Dim as Colurr	Skip Table Trigge	Del Table Record Before Proces	No. of Pa Re
\rightarrow	318	:	Tax Area	0					
	319		Tax Area Line	0					
	320 321		Tax Jurisdiction	0					
			Tay Craup	0					



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		Weight and Resistance Training

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 Jurisdicti	ions -	LLACIIGU	Гаус			
Show results: X Where Coo + Add Filter	de ▼ is 🏼 *	'OS*	T			
Code		Description		Default Sales and Use Tax	Tax Account (Sales)	Tax Accour (Purchases
OSC_CITY_S		ONESOURC	E US City Sales Tax	0.00	22700	22750
OSC_CNTY_S		ONESOURC	E US County Sale	0.00	22700	22750
OSC_DIST_S		ONESOURC	E US Dist. Sales Tax	0.00	22700	22750
OSC_STAT_S		ONESOURC	E US State Sales	0.00	22700	22750
			THE MAR CARLS THE	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.

IIELII	AX EXEMPT REAS	JNS I WORK DA	IE: 1/28/202	1
∕⊃ Se	arch + New	🐯 Edit List	📋 Delete	🛛 Open in Excel
	Code 1			Description
\rightarrow	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



