

ONESOURCE INTEGRATION FOR NETSUITE

INSTALLATION AND CONFIGURATION GUIDE

2.0.0.XB

Document Version 3

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DOCUMENT HISTORY

VERSION NUMBER	VERSION DATE	SUMMARY
V1	June 30, 2017	Created first version of this guide for ONESOURCE Indirect Tax Integration for NetSuite 2.0.0.xB.
V2	August 11, 2017	The following sections were updated for this guide: Migrating to ONESOURCE Indirect Tax for NetSuite 2.0.0.xB (page 6) , Configure ONESOURCE IDT (page 35) , ONESOURCE Configuration Assistant (page 41) , and Custom Attributes (page 81) .
V3	August 14, 2018	Updated with information regarding the option to bypass the tax call in closed periods.

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INTRODUCTION

The ONESOURCE Indirect Tax Integration for NetSuite ("ONESOURCE IDT") enables seamless Order to Cash and Procure to Pay tax calculations between NetSuite and the ONESOURCE tax service. You no longer need to maintain NetSuite tax records, research tax laws, and manually update 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 NetSuite to be stored in the calling transaction. If desired, Determination can be configured to store tax liabilities 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 ONESOURCE IDT. Information about maintaining the integration is also contained in this guide.

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:

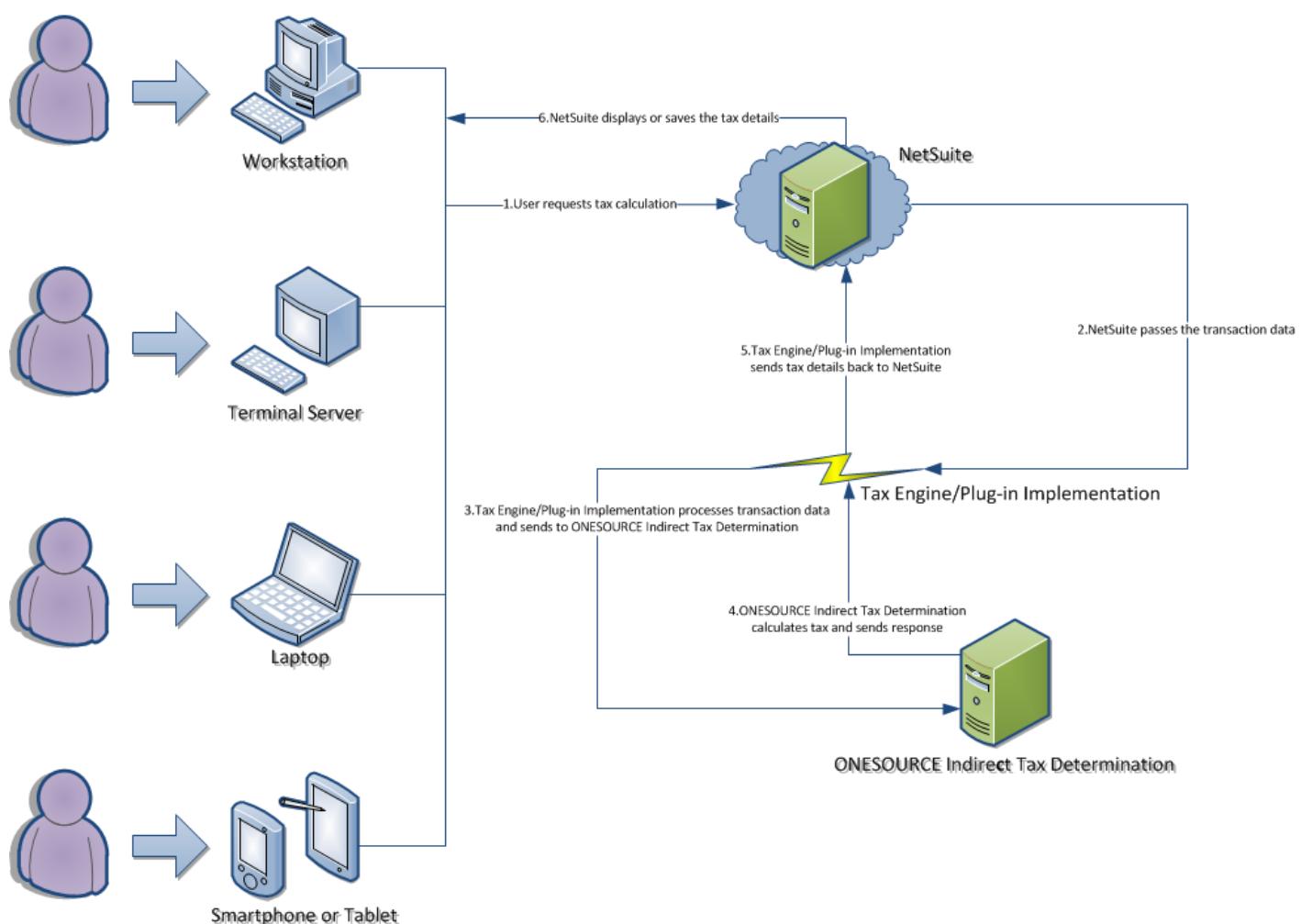
- Application server administrator
- IT administrator
- Tax professional

SYSTEM OVERVIEW

ONESOURCE IDT works within the technical framework of NetSuite ERP and NetSuite OneWorld to make calls to the ONESOURCE tax service. The calculated tax results are returned to the originating transaction and may be viewed in the **Tax Details** tab of the transaction.

The following diagram shows the components that make up this integration:

1. User requests tax calculation
2. NetSuite passes the transaction data
3. Tax Engine/Plug-in Implementation processes transaction data and sends to ONESOURCE Indirect Tax Determination
4. ONESOURCE Indirect Tax Determination calculates tax and sends response
5. Tax Engine/Plug-in Implementation sends tax details back to NetSuite
6. NetSuite displays or saves the tax details



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.
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

CAPITAL 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 “Starting the Installation” in the *ONESOURCE Indirect Tax Integration for NetSuite Installation Guide*.

 This pencil symbol indicates suggestions or additional information.

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

- This carriage return symbol indicates that a single line of code is divided into multiple lines so you can read it. If you copy and paste code with these symbols, be sure to keep the code before and after the carriage return on the same line.

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

MIGRATING TO ONESOURCE INDIRECT TAX FOR NETSUITE 2.0.0.XB

Upgrading to the 2.0.0.xB release adds some additional considerations for implementing ONESOURCE IDT. A number of significant improvements have been made, and features have been added that may affect the configuration and the use of the integration.

Before upgrading the bundle, you should consider the following factors to fully understand the implications of these options before you decide which of them should be applied to your account.

Tax Results are Now Posted Based on ONESOURCE Indirect Tax Configuration

The 1.0.0.xB releases of ONESOURCE IDT included the conditions of the Tax Response posting within the code. To provide more flexibility and control, Tax Code Qualifiers are now used to summarize postings based on the rules you have configured and results are posted to NetSuite based on mapped IDT Tax Codes. For more information see [Tax Code Qualifiers \(page 6\)](#).

Options for Tax Code Qualifiers at Start Up

The following options are available when implementing ONESOURCE IDT:

1. **Implement without Tax Code Qualifier setup:** If you select this option all tax responses will have a Tax Code that does not match the **IDT Tax Code**. The tax responses will therefore post to the **Tax Code Not Found** IDT Tax Code and the corresponding record mapping.



If you select this option all GL postings from ONESOURCE will be identical.

2. **Implement with Tax Code Qualifier setup:** If selecting this option, you should be prepared with a list of general ledger accounts to configure all required IDT Tax Codes at the time of implementation.

Tax Code Qualifiers

Earlier releases of ONESOURCE IDT summarized tax results in one of two ways, either Zone or State-level summary. General ledger postings were predetermined by the source code. Beginning with the 2.0.0.xB release, ONESOURCE IDT uses Tax Code Qualifiers to allow for customized postings. Tax results can now be summarized at multiple levels.

To help facilitate quicker implementation we provide you with a Quick Start file to use if you want to enable Tax Code Qualifiers immediately. The data can be customized later to suit your needs based on your tax resources.

While processing the tax request ONESOURCE IDT checks the list of Tax Code Qualifiers to see if there is a match. If an active Tax Code Qualifier is found that matches the conditions searched for, the **ERP Tax Code** from the qualifier is returned in the tax response. This **ERP Tax Code** should have a matching **IDT Tax Code** in NetSuite to complete the functionality.

TAX CODE QUALIFIERS			
Qualifier Ordering	Qualifier Name	ERP Tax Code	Note
1	US Consumer's Use Tax	IDT_USE_P	US purchases at summary level. If an appropriate End Date is added the qualifier is skipped. State-level US Purchase qualifiers begin at Migrating to ONESOURCE Indirect Tax for NetSuite 2.0.0.xB (page 6) .
2	Austria Input VAT	IDT_AT_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
3	Austria Input VAT (Non-Recoverable)	IDT_AT_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
4	Austria Output VAT	IDT_AT_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
5	Belgium Input VAT	IDT_BE_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
6	Belgium Input VAT (Non-Recoverable)	IDT_BE_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
7	Belgium Output VAT	IDT_BE_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
8	Canada GST - Sales	IDT_GST_S	Canada GST on sales.

TAX CODE QUALIFIERS			
9	Canada GST - Purchases	IDT_GST_P	Canada GST on purchases.
10	Canada HST - Sales	IDT_HST_S	Canada HST on sales.
11	Canada HST - Purchases	IDT_HST_P	Canada HST on purchases.
12	Canada British Columbia PST - Sales	IDT_BC_PST_S	BC PST on sales.
13	Canada British Columbia PST - Purchases	IDT_BC_PST_P	BC PST on purchases.
14	Canada Manitoba PST - Sales	IDT_MB_PST_S	MT PST on sales.
15	Canada Manitoba PST - Purchases	IDT_MB_PST_P	MT PST on purchases.
16	Canada Saskatchewan PST - Sales	IDT_SK_PST_S	SK PST on sales.
17	Canada Saskatchewan PST - Purchases	IDT_SK_PST_P	SK PST on purchases.
18	Canada PST - Sales	IDT_PST_S	Canada PST on sales.
19	Canada PST - Purchases	IDT_PST_P	Canada PST on purchases.
20	Canada QST - Sales	IDT_QST_S	Canada QST on sales.
21	Canada QST - Purchases	IDT_QST_P	Canada QST on purchases.

TAX CODE QUALIFIERS			
22	Denmark Input VAT	IDT_DK_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
23	Denmark Input VAT (Non-Recoverable)	IDT_DK_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
24	Denmark Output VAT	IDT_DK_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
25	Finland Input VAT	IDT_FI_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
26	Finland Input VAT (Non-Recoverable)	IDT_FI_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
27	Finland Output VAT	IDT_FI_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
28	France Input VAT	IDT_FR_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
29	France Input VAT (Non-Recoverable)	IDT_FR_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
30	France Output VAT	IDT_FR_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
31	Germany Input VAT	IDT_DE_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
32	Germany Input VAT (Non-Recoverable)	IDT_DE_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.

TAX CODE QUALIFIERS			
33	Germany Output VAT	IDT_DE_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
34	Ireland Input VAT	IDT_IE_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
35	Ireland Input VAT (Non-Recoverable)	IDT_IE_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
36	Ireland Output VAT	IDT_IE_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
37	Italy Input VAT	IDT_IT_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
38	Italy Input VAT (Non-Recoverable)	IDT_IT_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
39	Italy Output VAT	IDT_IT_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
40	Liechtenstein Input VAT	IDT_LI_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
41	Liechtenstein Input VAT (Non-Recoverable)	IDT_LI_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
42	Liechtenstein Output VAT	IDT_LI_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
43	Luxembourg Input VAT	IDT_LU_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.

TAX CODE QUALIFIERS			
44	Luxembourg Input VAT (Non-Recoverable)	IDT_LU_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
45	Luxembourg Output VAT	IDT_LU_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
46	Malta Input VAT	IDT_MT_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
47	Malta Input VAT (Non-Recoverable)	IDT_MT_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
48	Malta Output VAT	IDT_MT_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
49	Mexico Input VAT	IDT_MX_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
50	Mexico Input VAT (Non-Recoverable)	IDT_MX_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
51	Mexico Output VAT	IDT_MX_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
52	Netherlands Input VAT	IDT_NL_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
53	Netherlands Input VAT (Non-Recoverable)	IDT_NL_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
54	Netherlands Output VAT	IDT_NL_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.

TAX CODE QUALIFIERS			
55	Norway Input VAT	IDT_NO_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
56	Norway Input VAT (Non-Recoverable)	IDT_NO_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
57	Norway Output VAT	IDT_NO_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
58	Poland Input VAT	IDT_PL_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
59	Poland Input VAT (Non-Recoverable)	IDT_PL_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
60	Poland Output VAT	IDT_PL_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
61	Portugal Input VAT	IDT_PT_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
62	Portugal Input VAT (Non-Recoverable)	IDT_PT_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
63	Portugal Output VAT	IDT_PT_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
64	Spain Input VAT	IDT_ES_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
65	Spain Input VAT (Non-Recoverable)	IDT_ES_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.

TAX CODE QUALIFIERS			
66	Spain Output VAT	IDT_ES_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
67	Sweden Input VAT	IDT_SE_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
68	Sweden Input VAT (Non-Recoverable)	IDT_SE_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
69	Sweden Output VAT	IDT_SE_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
70	Switzerland Input VAT	IDT_CH_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
71	Switzerland Input VAT (Non-Recoverable)	IDT_CH_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
72	Switzerland Output VAT	IDT_CH_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
73	United Kingdom Input VAT	IDT_GB_I	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
74	United Kingdom Input VAT (Non-Recoverable)	IDT_GB_I_NR	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
75	United Kingdom Output VAT	IDT_GB_O	Country-specific directional VAT recording. Recoverability (Non Recoverable VAT) may be documented separately.
76	US City Sales Tax	IDT_CITY_S	One of the 4 levels for Zone Summary Implementation. To use a State Summary, add an appropriate End Date to the City, County, District and State qualifiers.

TAX CODE QUALIFIERS			
77	US County Sales Tax	IDT_COUNTY_S	One of the 4 levels for Zone Summary Implementation. To use a State Summary, add an appropriate End Date to the City, County, District and State qualifiers.
78	US District Sales Tax	IDT_DISTRICT_S	One of the 4 levels for Zone Summary Implementation. To use a State Summary, add an appropriate End Date to the City, County, District and State qualifiers.
79	US State Sales Tax	IDT_STATE_S	One of the 4 levels for Zone Summary Implementation. To use a State Summary, add an appropriate End Date to the City, County, District and State qualifiers.
80	US Alabama Sales Tax	IDT_AL_S	US state-specific sales tax posting.
81	US Alabama Use Tax	IDT_AL_P	US state-specific purchase tax posting.
82	US Alaska Sales Tax	IDT_AK_S	US state-specific sales tax posting.
83	US Alaska Use Tax	IDT_AK_P	US state-specific purchase tax posting.
84	US American Samoa Sales Tax	IDT_AS_S	US state-specific sales tax posting.
85	US American Samoa Use Tax	IDT_AS_P	US state-specific purchase tax posting.
86	US Arizona Sales Tax	IDT_AZ_S	US state-specific sales tax posting.
87	US Arizona Use Tax	IDT_AZ_P	US state-specific purchase tax posting.
88	US Arkansas Sales Tax	IDT_AR_S	US state-specific sales tax posting.
89	US Arkansas Use Tax	IDT_AR_P	US state-specific purchase tax posting.

TAX CODE QUALIFIERS			
90	US Armed Forces Americas Sales Tax	IDT_AA_S	US state-specific sales tax posting.
91	US Armed Forces Americas Use Tax	IDT_AA_P	US state-specific purchase tax posting.
92	US Armed Forces Europe Sales Tax	IDT_AE_S	US state-specific sales tax posting.
93	US Armed Forces Europe Use Tax	IDT_AE_P	US state-specific purchase tax posting.
94	US Armed Forces Pacific Sales Tax	IDT_AP_S	US state-specific sales tax posting.
95	US Armed Forces Pacific Use Tax	IDT_AP_P	US state-specific purchase tax posting.
96	US California Sales Tax	IDT_CA_S	US state-specific sales tax posting.
97	US California Use Tax	IDT_CA_P	US state-specific purchase tax posting.
98	US Colorado Sales Tax	IDT_CO_S	US state-specific sales tax posting.
99	US Colorado Use Tax	IDT_CO_P	US state-specific purchase tax posting.
100	US Connecticut Sales Tax	IDT_CT_S	US state-specific sales tax posting.
101	US Connecticut Use Tax	IDT_CT_P	US state-specific purchase tax posting.

TAX CODE QUALIFIERS			
102	US Delaware Sales Tax	IDT_DE_S	US state-specific sales tax posting.
103	US Delaware Use Tax	IDT_DE_P	US state-specific purchase tax posting.
104	US District of Columbia Sales Tax	IDT_DC_S	US state-specific sales tax posting.
105	US District of Columbia Use Tax	IDT_DC_P	US state-specific purchase tax posting.
106	US Florida Sales Tax	IDT_FL_S	US state-specific sales tax posting.
107	US Florida Use Tax	IDT_FL_P	US state-specific purchase tax posting.
108	US Georgia Sales Tax	IDT_GA_S	US state-specific sales tax posting.
109	US Georgia Use Tax	IDT_GA_P	US state-specific purchase tax posting.
110	US Guam Sales Tax	IDT_GU_S	US state-specific sales tax posting.
111	US Guam Use Tax	IDT_GU_P	US state-specific purchase tax posting.
112	US Hawaii Sales Tax	IDT_HI_S	US state-specific sales tax posting.
113	US Hawaii Use Tax	IDT_HI_P	US state-specific purchase tax posting.
114	US Idaho Sales Tax	IDT_ID_S	US state-specific sales tax posting.
115	US Idaho Use Tax	IDT_ID_P	US state-specific purchase tax posting.

TAX CODE QUALIFIERS			
116	US Illinois Sales Tax	IDT_IL_S	US state-specific sales tax posting.
117	US Illinois Use Tax	IDT_IL_P	US state-specific purchase tax posting.
118	US Indiana Sales Tax	IDT_IN_S	US state-specific sales tax posting.
119	US Indiana Use Tax	IDT_IN_P	US state-specific purchase tax posting.
120	US Iowa Sales Tax	IDT_IA_S	US state-specific sales tax posting.
121	US Iowa Use Tax	IDT_IA_P	US state-specific purchase tax posting.
122	US Kansas Sales Tax	IDT_KS_S	US state-specific sales tax posting.
123	US Kansas Use Tax	IDT_KS_P	US state-specific purchase tax posting.
124	US Kentucky Sales Tax	IDT_KY_S	US state-specific sales tax posting.
125	US Kentucky Use Tax	IDT_KY_P	US state-specific purchase tax posting.
126	US Louisiana Sales Tax	IDT_LA_S	US state-specific sales tax posting.
127	US Louisiana Use Tax	IDT_LA_P	US state-specific purchase tax posting.
128	US Maine Sales Tax	IDT_ME_S	US state-specific sales tax posting.
129	US Maine Use Tax	IDT_ME_P	US state-specific purchase tax posting.
130	US Marshall Islands Sales Tax	IDT_MH_S	US state-specific sales tax posting.

TAX CODE QUALIFIERS			
131	US Marshall Islands Use Tax	IDT_MH_P	US state-specific purchase tax posting.
132	US Maryland Sales Tax	IDT_MD_S	US state-specific sales tax posting.
133	US Maryland Use Tax	IDT_MD_P	US state-specific purchase tax posting.
134	US Massachusetts Sales Tax	IDT_MA_S	US state-specific sales tax posting.
135	US Massachusetts Use Tax	IDT_MA_P	US state-specific purchase tax posting.
136	US Michigan Sales Tax	IDT_MI_S	US state-specific sales tax posting.
137	US Michigan Use Tax	IDT_MI_P	US state-specific purchase tax posting.
138	US Micronesia Sales Tax	IDT_FM_S	US state-specific sales tax posting.
139	US Micronesia Use Tax	IDT_FM_P	US state-specific purchase tax posting.
140	US Minnesota Sales Tax	IDT_MN_S	US state-specific sales tax posting.
141	US Minnesota Use Tax	IDT_MN_P	US state-specific purchase tax posting..
142	US Mississippi Sales Tax	IDT_MS_S	US state-specific sales tax posting..
143	US Mississippi Use Tax	IDT_MS_P	US state-specific purchase tax posting.
144	US Missouri Use Tax	IDT_MO_P	US state-specific sales tax posting.

TAX CODE QUALIFIERS			
145	US Missouri Sales Tax	IDT_MO_S	US state-specific purchase tax posting.
146	US Montana Sales Tax	IDT_MT_S	US state-specific sales tax posting.
147	US Montana Use Tax	IDT_MT_P	US state-specific purchase tax posting.
148	US Nebraska Sales Tax	IDT_NE_S	US state-specific sales tax posting.
149	US Nebraska Use Tax	IDT_NE_P	US state-specific purchase tax posting.
150	US Nevada Sales Tax	IDT_NV_S	US state-specific sales tax posting.
151	US Nevada Use Tax	IDT_NV_P	US state-specific purchase tax posting.
152	US New Hampshire Sales Tax	IDT_NH_S	US state-specific sales tax posting.
153	US New Hampshire Use Tax	IDT_NH_P	US state-specific purchase tax posting.
154	US New Jersey Sales Tax	IDT_NJ_S	US state-specific sales tax posting.
155	US New Jersey Use Tax	IDT_NJ_P	US state-specific purchase tax posting.
156	US New Mexico Sales Tax	IDT_NM_S	US state-specific sales tax posting.
157	US New Mexico Use Tax	IDT_NM_P	US state-specific purchase tax posting.
158	US New York Sales Tax	IDT_NY_S	US state-specific sales tax posting.

TAX CODE QUALIFIERS			
159	US New York Use Tax	IDT_NY_P	US state-specific purchase tax posting.
160	US North Carolina Sales Tax	IDT_NC_S	US state-specific sales tax posting.
161	US North Carolina Use Tax	IDT_NC_P	US state-specific purchase tax posting.
162	US North Dakota Sales Tax	IDT_ND_S	US state-specific sales tax posting.
163	US North Dakota Use Tax	IDT_ND_P	US state-specific purchase tax posting.
164	US Northern Mariana Islands Sales Tax	IDT_MP_S	US state-specific sales tax posting.
165	US Northern Mariana Islands Use Tax	IDT_MP_P	US state-specific purchase tax posting.
166	US Ohio Sales Tax	IDT_OH_S	US state-specific sales tax posting.
167	US Ohio Use Tax	IDT_OH_P	US state-specific purchase tax posting..
168	US Oklahoma Sales Tax	IDT_OK_S	US state-specific sales tax posting.
169	US Oklahoma Use Tax	IDT_OK_P	US state-specific purchase tax posting.
170	US Oregon Sales Tax	IDT_OR_S	US state-specific sales tax posting.
171	US Oregon Use Tax	IDT_OR_P	US state-specific purchase tax posting.
172	US Palau Sales Tax	IDT_PW_S	US state-specific sales tax posting.

TAX CODE QUALIFIERS			
173	US Palau Use Tax	IDT_PW_P	US state-specific purchase tax posting.
174	US Pennsylvania Sales Tax	IDT_PA_S	US state-specific sales tax posting.
175	US Pennsylvania Use Tax	IDT_PA_P	US state-specific purchase tax posting.
176	US Puerto Rico Sales Tax	IDT_PR_S	US state-specific sales tax posting.
177	US Puerto Rico Use Tax	IDT_PR_P	US state-specific purchase tax posting.
178	US Rhode Island Sales Tax	IDT_RI_S	US state-specific sales tax posting.
179	US Rhode Island Use Tax	IDT_RI_P	US state-specific purchase tax posting.
180	US South Carolina Sales Tax	IDT_SC_S	US state-specific sales tax posting.
181	US South Carolina Use Tax	IDT_SC_P	US state-specific purchase tax posting.
182	US South Dakota Sales Tax	IDT_SD_S	US state-specific sales tax posting.
183	US South Dakota Use Tax	IDT_SD_P	US state-specific purchase tax posting.
184	US Tennessee Sales Tax	IDT_TN_S	US state-specific sales tax posting.
185	US Tennessee Use Tax	IDT_TN_P	US state-specific purchase tax posting.
186	US Texas Sales Tax	IDT_TX_S	US state-specific sales tax posting.

TAX CODE QUALIFIERS			
187	US Texas Use Tax	IDT_TX_P	US state-specific purchase tax posting.
188	US Utah Sales Tax	IDT_UT_S	US state-specific sales tax posting.
189	US Utah Use Tax	IDT_UT_P	US state-specific purchase tax posting.
190	US Vermont Sales Tax	IDT_VT_S	US state-specific sales tax posting.
191	US Vermont Use Tax	IDT_VT_P	US state-specific purchase tax posting.
192	US Virgin Islands Sales Tax	IDT_VI_S	US state-specific sales tax posting.
193	US Virgin Islands Use Tax	IDT_VI_P	US state-specific purchase tax posting.
194	US Virginia Sales Tax	IDT_VA_S	US state-specific sales tax posting.
195	US Virginia Use Tax	IDT_VA_P	US state-specific purchase tax posting.
196	US Washington Sales Tax	IDT_WA_S	US state-specific sales tax posting.
197	US Washington Use Tax	IDT_WA_P	US state-specific purchase tax posting.
198	US West Virginia Sales Tax	IDT_WV_S	US state-specific sales tax posting.
199	US West Virginia Use Tax	IDT_WV_P	US state-specific purchase tax posting.
200	US Wisconsin Sales Tax	IDT_WI_S	US state-specific sales tax posting.
201	US Wisconsin Use Tax	IDT_WI_P	US state-specific purchase tax posting.

TAX CODE QUALIFIERS			
202	US Wyoming Sales Tax	IDT_WY_S	US state-specific sales tax posting.
203	US Wyoming Use Tax	IDT_WY_P	US state-specific purchase tax posting.

Commodity Codes

The 1.0.0.Xb releases did not use Commodity Codes, instead they used Product Tax Codes. Because Product Tax Codes do not contain item-specific information, only taxability, they are not supported outside the US and Canada. To support taxation outside of these jurisdictions taxability in the 2.0.0.xB releases is driven by Commodity Codes and your specific configuration of ONESOURCE Determination.

If you are upgrading to 2.0.0.xB from a 1.0.0.xB release, you should be prepared to enter your chosen default Commodity Codes for Freight and Handling in the Configuration Assistant.

- Shipping and Handling Items in NetSuite are not customizable and therefore will not have a **Commodity Code** field on the **Shipping Item** record
- The default value can be updated by Determination depending on your rules. Contact ONESOURCE Professional Services for more options.

General Ledger Posting for Vendor-Charged Tax

Prior to the 2.0.0.xB releases, the IDT Tax Code IDT_USE_P mapping was used to determine the general ledger impact of vendor-charged tax on purchase transactions. The 2.0.0.xB releases configure general ledger postings for vendor-charged tax in the Configuration Assistant regardless of nexus. In addition, you are able to configure the Tax Response posting based on Tax Code Qualifier implementation for greater flexibility.

The general ledger impact of US Accrual elections was mapped in the Configuration Assistant in the pre-2.0.0.xB releases. The 2.0.0.xB release still uses this feature for US purchase transactions.

Tax Variance Postings for Uncharged Vendor Tax

For Canada, when vendors do not charge GST for transaction where it was expected a variance is posted to the general ledger.

Purchase transactions containing data elements that indicate the vendor should be charging GST or VAT will result in a general ledger posting to the GL account chosen in the Configuration Assistant. You can apply your own internal business process to decide how these variances are reconciled. Please note that in most cases the vendor should have charged the tax and the invoice is likely to be rejected and a new corrected invoice solicited.

Differences in Vendor-Charged and Determination-Calculated Tax

If the vendor-charged tax value differs from the Determination-calculated tax, even by one cent, ONESOURCE IDT can trigger a Vendor Bill Payment Hold. This situation can occur, for instance, due to rounding of foreign currency transactions.

You can override this feature for single transactions or by using Suiteflow. The feature is not mandatory and can be left inactive by not selecting **ENFORCE PAYMENT HOLD FOR GST / VAT VARIANCE** in **Accounting Setup**. In these cases, a Vendor Tax Variance line will post to the general ledger and amounts charged by the vendor will be allowed on the purchase transaction even if inaccurate.

SETUP CHECKLIST

Use the checklist below to track your progress through the installation.

STEP	TASK	DONE?
1	Verify all Prerequisites (page 27) .	
2	Install the bundle. See Install the ONESOURCE IDT Bundle (page 33) .	
3	Update configurations under Set Up Taxes. See Update Configuration Under Set Up Taxes (page 35) .	
4	Import industry-specific product tax codes. See Configure ONESOURCE IDT (page 35) .	
5	Assign product tax codes to items. See Configure ONESOURCE IDT (page 35) .	
6	Configure the TR ONESOURCE plug-in. See Configure the TR ONESOURCE Indirect Tax Plug-in (page 37) .	
7	Confirm TR role has access to all subsidiaries. See Add Subsidiaries (page 39) .	
8	Assign nexuses to your subsidiaries. See Assign Nexuses to Subsidiaries (page 40) .	
9	Configure subsidiaries. See Configure ONESOURCE IDT (page 35) .	
10	Configure the NetSuite Restlet. See Support for Large or Complex Transactions.	
11	Customize your purchase transaction forms to show new ONESOURCE fields. See Customize Purchase Transaction Forms (page 65) .	
12	(Optional) Validate existing addresses. See Verify Address Master Data (page 31) .	

PREREQUISITES

Review the following sections and complete the listed tasks before installing ONESOURCE IDT.

Review Skills and Authorizations	27
Review System Requirements	29
Enable Company Features	29
Verify Vendor Category Requirements	30
Verify Address Master Data	31

REVIEW SKILLS AND AUTHORIZATIONS

The following table lists the required knowledge, permissions, and other information that will help you proceed quickly through installation and configuration.

Technical Experience	NetSuite administration (Must have administrator role assigned).
	NetSuite configuration.
	Bundle installation.
Business Skills	Knowledge of NetSuite business processes.
	Understanding of tax requirements.
Access to Records and Features	IDT Tax Code - Only specific roles have permission to access to these custom records. These roles include: <ul style="list-style-type: none">AdministratorSystem AdministratorFull AccessThomson Reuters Indirect Tax ONESOURCE
	Additional Tax Registrations - Users must have permission to edit the Customer/Vendor record to create or edit these records.
	Tax Detail - Users must have permission to view transactions to view tax details.

ONESOURCE Indirect Tax Integration for NetSuite Roles, Permissions and Administration

Installation of ONESOURCE IDT introduces a custom role to NetSuite. The Thomson Reuters ONESOURCE Indirect Tax role is used by the SuiteApp to fulfill the best practices standards set forth in the NetSuite SAFE Guide, specifically the following two points:

- "A secure enterprise application should allow its users to accomplish their tasks using the least possible access to data and lowest possible privileges to perform system tasks. For SuiteApps, this goal is accomplished by relying on the NetSuite platform's roles and permissions model."
- "SuiteScript designs that have Execute as Admin set and/or check the user's role to perform data access are bad designs because they override the platform's role-based security model. As a SuiteApp developer you should avoid shipping SuiteScripts set to Execute as Admin whenever possible."

Only users who configure, maintain or troubleshoot the integration need access to this role. Users without Administrator, System Administrator, Full Access or Thomson Reuters ONESOURCE Indirect Tax will not be able to access log records, the ONESOURCE IDT tab or any other general configuration resources for the SuiteApp.

REVIEW SYSTEM REQUIREMENTS

ONESOURCE IDT requires provisioned access to ONESOURCE Indirect Tax Determination.

ENABLE COMPANY FEATURES

The features listed below are required by ONESOURCE IDT. Prior to installing the bundle, you must enable any of these features that are not already enabled. To enable a feature, select the box next to feature you want to use.

1. Go to **Setup > Company > Enable Features**.
2. Ensure that each of the following features is enabled:
 - **SuiteCloud** Subtab
 - **Manage Authentication** Section
 - Token-based Authentication
 - **SuiteBuilder** Section
 - Custom Records
 - **SuiteScript** Section
 - Client SuiteScript
 - Server SuiteScript
 - SuiteFlow
 - **SuiteGL** Section
 - Custom GL Lines

- **Company** Subtab
 - **International** Section
 - Multiple Currencies
 - **Data Management** Section
 - Inline Editing
 - File Cabinet
- **Tax** Subtab
 - **Tax & Compliance** Section
 - Advanced Taxes



When you enable a new feature in your account, you must also consider the permissions associated with the added feature. Permissions for customized roles that are already assigned to users may need to be updated to reflect the permissions associated with the added feature.



SuiteCommerce modules require a custom integration to ONESOURCE Indirect Tax Determination. The native NetSuite taxes that appear in SuiteCommerce may not be correct and may result in unexpected behavior. If the **Web Store** feature is enabled in your account, please work with the ONESOURCE Professional Services team on a custom implementation to meet your needs.

VERIFY VENDOR CATEGORY REQUIREMENTS

During the installation of ONESOURCE IDT the installation script creates a **Vendor Record** with an associated **Vendor Category of Tax agency**. Before you begin your installation you must verify that the **Tax agency** vendor category is active.

If you have renamed your vendor category the **INTERNAL ID 3** should remain in your system. This record must be active to install the bundle successfully.

The **Vendor Category** is an **Accounting List**. To verify the **Tax agency** vendor category is active go to **Setup > Accounting > Accounting Lists > Vendor Category**.

Accounting Lists	
New	
FILTERS	
Type Vendor Category	
Edit	View
SHOW INACTIVES	
INTERNAL ID	
1	1099 contractor
2	Consultant
4	Supplies
3	Tax agency

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 Professional Services if you are interested in using this service.

ONESOURCE IDT calculates tax results using address data from the following areas of NetSuite:

- **Company addresses** - Location record (includes Subsidiary records in OneWorld Accounts)
- **Customer addresses** - Lead, Prospect, and Customer records
- **Vendor addresses** - Vendor record

INSTALL THE ONESOURCE IDT BUNDLE

Complete the steps in this section to install the ONESOURCE IDT bundle.



Prior to installing the bundle, ensure that the required **Company** features have been enabled. See [Enable Company Features \(page 29\)](#).

1. Go to **Customization > SuiteBundler > Search & Install Bundles**.
2. Search for the ONESOURCE IDT bundle, using keyword **ONESOURCE**.
3. Select the name link to select **ONESOURCE Indirect Tax Integration**. This opens the **Bundle Details** page.
4. Select **Install**.

Bundle Details
ONESOURCE Indirect Tax Integration
Install ←

NAME	NO. INSTALLS
ONESOURCE Indirect Tax Integration	2

PRODUCT
NetSuite, NetSuite OneWorld

ID
168037

VERTICAL
Agriculture, Computer Software, Computer Software Web-based, Construction & Contracting, Distribution & Wholesale, eCommerce, Education, Energy / Utilities, Finance & Insurance, Government, IT Developer / Reseller / VAR, Manufacturing, Nonprofit, Real Estate, Restaurant & Hospitality, Retail, Services : Accounting, Services : Advertising & Marketing Services, Services : Computer & IT Services, Services : Consulting, Services : Engineering, Services : Transportation Services

COPIED FROM
141235

Account: TSTDRV1524380

VERSION
2.0.0.b

COMPANY
English (International), English (U.S.)

Basic 2.0.0.xb Dev

Trailing
(TSTDRV1524273)

MANAGED

AVAILABLE SINCE
3/8/2017

OVERVIEW **Components** **SuiteApp Info**

ABSTRACT
Thomson Reuters ONESOURCE™ Indirect Tax offers a comprehensive, cloud-based transaction tax management solution that seamlessly integrates with NetSuite for accurate sales and use tax calculation, easy document management and effortless filing and remittance.

DESCRIPTION
Thomson Reuters ONESOURCE™ Indirect Tax offers a comprehensive, cloud-based transaction tax management solution that seamlessly integrates with NetSuite for accurate sales and use tax calculation, easy document management and effortless filing and remittance.

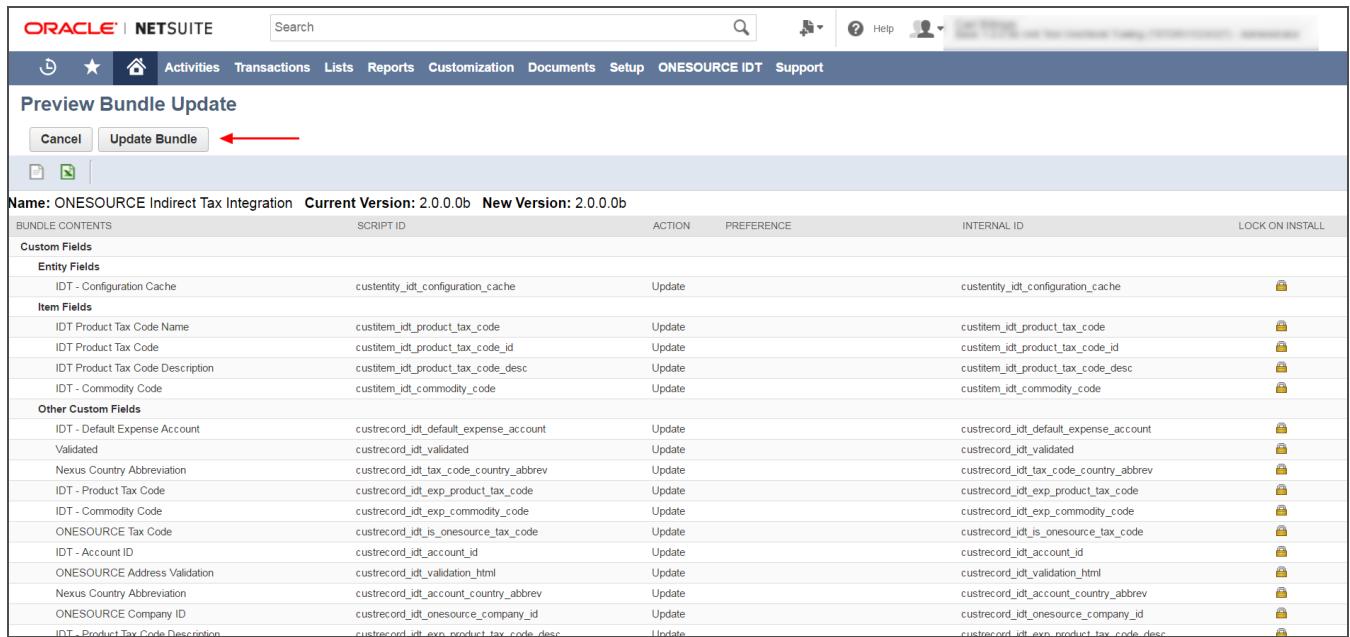


The **Install** button is only available for bundles that have been explicitly shared with your account. Contact your implementation team if the **Install** button is not visible.

5. Please review the installation preferences and proceed with the default selections (recommended). If there are any conflicts highlighted in red, contact Professional Services for instructions on resolving the conflicts.

6. Select **Update Bundle**. The **Installed Bundles** page opens.

- During installation, the percentage of completion is displayed in the **Status** column.
- When the installation is complete a green check is displayed in the **Status** column. Please select **Refresh** to see status updates as the installation progresses.



The screenshot shows the Oracle NetSuite interface with the following details:

Header: ORACLE | NETSUITE, Search, Help, User

Breadcrumbs: Activities, Transactions, Lists, Reports, Customization, Documents, Setup, ONESOURCE IDT, Support

Section: Preview Bundle Update

Buttons: Cancel, Update Bundle (highlighted with a red arrow), Print, Refresh

Text: Name: ONESOURCE Indirect Tax Integration Current Version: 2.0.0.0b New Version: 2.0.0.0b

Table: BUNDLE CONTENTS

BUNDLE CONTENTS	SCRIPT ID	ACTION	PREFERENCE	INTERNAL ID	LOCK ON INSTALL
Custom Fields					
Entity Fields					
IDT - Configuration Cache	custentity_idt_configuration_cache	Update		custentity_idt_configuration_cache	🔒
Item Fields					
IDT Product Tax Code Name	custitem_idt_product_tax_code	Update		custitem_idt_product_tax_code	🔒
IDT Product Tax Code	custitem_idt_product_tax_code_id	Update		custitem_idt_product_tax_code_id	🔒
IDT Product Tax Code Description	custitem_idt_product_tax_code_desc	Update		custitem_idt_product_tax_code_desc	🔒
IDT - Commodity Code	custitem_idt_commodity_code	Update		custitem_idt_commodity_code	🔒
Other Custom Fields					
IDT - Default Expense Account	custrecord_idt_default_expense_account	Update		custrecord_idt_default_expense_account	🔒
Validated	custrecord_idt_validated	Update		custrecord_idt_validated	🔒
Nexus Country Abbreviation	custrecord_idt_tax_code_country_abbrev	Update		custrecord_idt_tax_code_country_abbrev	🔒
IDT - Product Tax Code	custrecord_idt_exp_product_tax_code	Update		custrecord_idt_exp_product_tax_code	🔒
IDT - Commodity Code	custrecord_idt_exp_commodity_code	Update		custrecord_idt_exp_commodity_code	🔒
ONESOURCE Tax Code	custrecord_idt_is_onesource_tax_code	Update		custrecord_idt_is_onesource_tax_code	🔒
IDT - Account ID	custrecord_idt_account_id	Update		custrecord_idt_account_id	🔒
ONESOURCE Address Validation	custrecord_idt_validation_html	Update		custrecord_idt_validation_html	🔒
Nexus Country Abbreviation	custrecord_idt_account_country_abbrev	Update		custrecord_idt_account_country_abbrev	🔒
ONESOURCE Company ID	custrecord_idt_onesource_company_id	Update		custrecord_idt_onesource_company_id	🔒
IDT - Product Tax Code Description	custrecord_idt_exp_product_tax_code_desc	Update		custrecord_idt_exp_product_tax_code_desc	🔒



ONESOURCE IDT installs a new integration record in your NetSuite account. The **Require Approval during Auto-Installation of Integration** preference may affect whether this new record is automatically enabled. If the preference is set to **True**, the **State** field on the new integration record is set to **Waiting for Approval**, and all requests sent by that application are blocked until you change the state to **Enabled**.

Enable the integration record now if it is not already enabled.

CONFIGURE ONESOURCE IDT

This section describes the steps required to configure the integration between Determination and NetSuite. Once the ONESOURCE IDT bundle is installed, complete the procedures in the following sections to configure ONESOURCE IDT:

Update Configuration Under Set Up Taxes	35
Configure the TR ONESOURCE Indirect Tax Plug-in	37
Add Subsidiaries	39
ONESOURCE Configuration Assistant	41
Set Up Product Taxability	54
Expense Categories	58
Enable Delivery Terms (Incoterms)	58
Enter Tax Registrations	60
Self-Assess PST	62
Enable Support for Large or Complex Transactions	63

UPDATE CONFIGURATION UNDER SET UP TAXES

1. Go to **Setup > Accounting > Set Up Taxes**.
2. Go to the **Canada** tab and select the **Record PST Separately On Purchases** check box.
3. Go to the **United States** tab.
 - Select the **Per-Line Taxes on Transactions** check box.
 - Under **TAX CODE LISTS INCLUDE**, select **Tax Groups and Tax Codes**.
4. Select **SAVE**.

Summary of the Effect of Tax Preferences Settings on ONESOURCE IDT

Not all of the settings under **Set Up Taxes** impact tax calculation by ONESOURCE IDT. The following tables summarize the effects of your elections.

US Tax Preferences	
Setting	Impact on ONESOURCE IDT
ENABLE TAX LOOKUP ON SALES AND PURCHASES	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
CUSTOMERS DEFAULT TO TAXABLE	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
CHARGE OUT OF DISTRICT SALES TAXES	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
PER-LINE TAXES ON TRANSACTIONS	This check box must be selected to enable tax calculation by ONESOURCE.
DEFAULT TAX CODE	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
TAX CODE LISTS INCLUDE	Tax Groups and Tax Codes must be selected.
RESPECT DISCOUNT ITEM TAX PREFERENCE	None. ONESOURCE always applies the discount to applicable items or subtotals. This setting only applies to transactions where tax is not calculated by ONESOURCE.



The **RESPECT DISCOUNT ITEM TAX PREFERENCE**, if selected, could cause unexpected behavior when using transaction-level discount items and the **Apply Before Sales Tax** box is not selected on the Discount Item.

Canada Tax Preferences	
Setting	Impact on ONESOURCE IDT
ENABLE TAX LOOKUP ON SALES AND PURCHASES	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
PRINT TAX CODE SUMMARY ON SALES FORMS	This setting affects both transactions calculated by ONESOURCE as well as transactions calculated by NetSuite.
RECORD PST SEPARATELY ON PURCHASES	This check box must be selected to enable tax calculation by ONESOURCE.
TAX CODE FOR OUT-OF-PROVINCE SALE	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
TAX CODE FOR INTERNATIONAL SALE	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.
DEFAULT TAX CODE	None. This setting only applies to transactions where tax is not calculated by ONESOURCE.

CONFIGURE THE TR ONESOURCE INDIRECT TAX PLUG-IN

Complete the following steps to select the transaction types to be used for the GL impact of posting transactions.

1. Go to **Customization > Plug-Ins > Plug-In Implementations**.
2. From the list of Plug-In Implementations, select **View** next to **TR ONESOURCE Indirect Tax**.
3. Select **Configure**.
4. From the **Transaction Type** multi-select window, select **Bill, Bill Credit, Cash Refund, Cash Sale, Credit Memo, and Invoice** (use the SHIFT or CTRL key for multiple selections).



The TR ONESOURCE Indirect Tax plug-in supports Posting Transactions. Selecting any other transaction types will not result in customized GL postings for unsupported transaction types and could result in unexpected errors.

5. Select all **Subsidiaries** by selecting the **All** check box located below the **Subsidiaries** multi-select window.

6. If the multi-book accounting feature is enabled, select **Primary Accounting Book** in the **ACCOUNTING BOOKS** field.
7. Select **Save**. NetSuite will automatically redirect you to the **Manage Plug-ins** page. This page can also be accessed directly by going to **Customization > Plug-ins > Manage Plug-ins**.
8. Select the **TR ONESOURCE Indirect Tax** check box to enable the plug-in.
9. Select **Save**.

Bypass Tax Call When the Posting Period is Closed

As of NetSuite 2018.2, you can control GL Plug-in execution in closed accounting periods. In prior versions of NetSuite, the plug-in could execute resulting in a GL Impact change in a closed period error message being displayed.

The **Run in Closed Periods** check box is selected by default so that the existing functionality continues. However, we recommend that you deselect this check box to avoid errors and maintain your prior period balances.

Save
Cancel
Reset

<p>NAME ONESOURCE Indirect Tax</p> <p>ID customscript_idt_gl_plugin</p> <p>STATUS Released</p> <p>LOG LEVEL Debug</p>	<p><input type="checkbox"/> ASYNCHRONOUS</p> <p><input checked="" type="checkbox"/> RUN IN CLOSED PERIODS</p> <p>EFFECTIVE DATE 8/1/2000</p> <p>END DATE</p>
---	---

Execution Rules **System Notes**

<p>TRANSACTION TYPE</p> <div style="border: 1px solid #ccc; padding: 2px; background-color: #f2f2f2; display: inline-block;"> Bill Bill Credit Bill Payment Blanket Purchase Order Cash Refund </div> <p><input type="checkbox"/> ALL</p>	<p>SUBSIDIARIES</p> <div style="border: 1px solid #ccc; padding: 2px; background-color: #f2f2f2; display: inline-block;"> Honeycomb Holdings Inc. Honeycomb Holdings Inc. : Honeycomb Mfg. Honeycomb Holdings Inc. : test sub </div> <p><input checked="" type="checkbox"/> ALL</p>
--	---

Save
Cancel
Reset

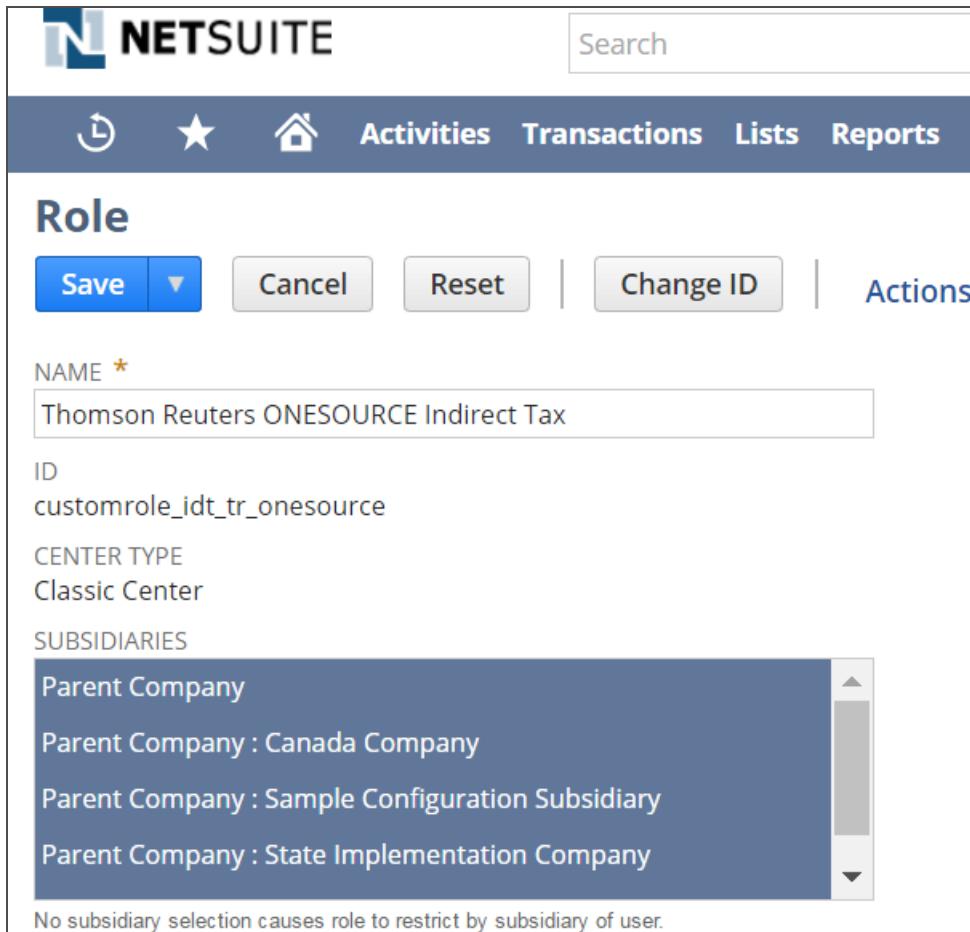
ADD SUBSIDIARIES

-  This step is only applicable to OneWorld accounts.
-  You must repeat this step each time the bundle is updated or a new subsidiary is added.
-  This step can only be performed by someone who has been assigned the Administrator role.

Complete these steps to add your subsidiaries to the **Thomson Reuters ONESOURCE Indirect Tax** role.

1. Go to **Setup > Users/Role > Manage Roles**.
2. Select **Edit** next to **Thomson Reuters ONESOURCE Indirect Tax**.

3. Confirm that all subsidiaries shown in the **SUBSIDIARIES** multi-select window are selected.



The screenshot shows the NetSuite Role setup screen. The top navigation bar includes the NetSuite logo, a search bar, and links for Activities, Transactions, Lists, and Reports. Below the navigation is a sub-header 'Role'. On the left, there are buttons for Save (with a dropdown arrow), Cancel, Reset, Change ID, and Actions. The main form fields include:

- NAME ***: Thomson Reuters ONESOURCE Indirect Tax
- ID**: customrole_idt_tr_onesource
- CENTER TYPE**: Classic Center
- SUBSIDIARIES**: A multi-select dropdown containing the following options:
 - Parent Company
 - Parent Company : Canada Company
 - Parent Company : Sample Configuration Subsidiary
 - Parent Company : State Implementation Company

A note at the bottom of the subsidiary list states: "No subsidiary selection causes role to restrict by subsidiary of user."

4. Select **Save**.

5. Log out and log back in to NetSuite to save the updates to the permissions for the plug-in.

Assign Nexuses to Subsidiaries

Each subsidiary that uses ONESOURCE IDT must be assigned to a **Parent Subsidiary** nexus and the nexus assigned must be the same for all subsidiaries to have the desired effect. To set these up go to **Setup > Company > Subsidiaries** and complete the following steps:

1. Select **Edit** for the first subsidiary that uses ONESOURCE IDT.
2. Select the **Nexus** tab.
 - a. Note the nexus available. This will be assigned to your remaining subsidiaries that use ONESOURCE.
 - b. If a nexus is not already present, enter a new line nexus and select **Add**. The nexus can be associated with any supported country.
3. Select **Save**.
4. Review all subsidiaries that use ONESOURCE IDT. You must assign the same nexus to each subsidiary.



If the same nexus is not assigned to all subsidiaries, you may receive the following error when saving taxable transactions: **No tax agency defined for subsidiary: subsidiary [Subsidiary Name] is not linked to nexus [Nexus Name]**. This error occurs because NetSuite has not created a shadow vendor for the tax agency in the transacting subsidiary. To resolve this error and trigger NetSuite to create the shadow vendor, add the same pair of nexuses to all subsidiaries.

ONESOURCE CONFIGURATION ASSISTANT

Enabling ONESOURCE IDT requires nexus creation for the countries for which tax calculations will be performed. You must also enable access for the Thomson Reuters ONESOURCE Indirect Tax role to the subsidiaries you wish to configure. If access has not been granted to the role the subsidiaries will not be visible in the configuration assistant.

For example, Client A wishes to perform tax calculations with ONESOURCE in Germany using the Parent Subsidiary. To enable this functionality you would:

1. Review the Thomson Reuters ONESOURCE Indirect Tax role and verify it has access to the Parent Subsidiary.
2. Verify a Nexus for Germany has been created in the NetSuite account.

Once the above requirements have been verified Client A can begin using the **ONESOURCE Configuration Assistant** to enable features and select preferences.

This section describes using the Configuration Assistant to configure the integration between ONESOURCE Determination and NetSuite. The Configuration Assistant reduces the time needed to configure the integration by allowing you to configure multiple subsidiaries at once.

To begin using the ONESOURCE Configuration Assistant go to **ONESOURCE IDT > Setup > ONESOURCE Configuration Assistant**.

 The instructions relating to the ONESOURCE Configuration Table (Advanced) begin after Step 7.

Step One: Enable ONESOURCE

In this step you enable tax calculation for the sales and purchases made by your subsidiaries. To do so, select the check boxes for the subsidiary/nexus combinations that you want to enable in the **Enable Tax Calculation on Sales** and **Enable Tax Calculation on Purchases** sections. Once you have completed making your elections, select **Next** to proceed to **Production Setup**.

ONESOURCE Configuration Assistant

1 2 3 4 5 6 7

Enable ONE SOURCE Production Setup Non-Production Setup Product Taxability Setup Accounting Setup System Setup Apply Global Configuration to Subsidiaries

Enable ONESOURCE

Enable Tax Calculation on Sales

For each subsidiary, use the checkboxes in each column to select the countries where you would like to calculate tax on sales.

SUBSIDIARY	AUSTRIA	BELGIUM	CANADA	FRANCE	SWEDEN	UNITED KINGDOM	UNITED STATES
Parent Company	Yes						
Parent Company : Canada Company	Yes						
Parent Company : Sweden Sub	Yes						
Parent Company : United Kingdom	Yes						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Add **Cancel** **Insert**

Enable Tax Calculation on Purchases

For each subsidiary, use the checkboxes in each column to select the countries where you would like to calculate tax on purchases.

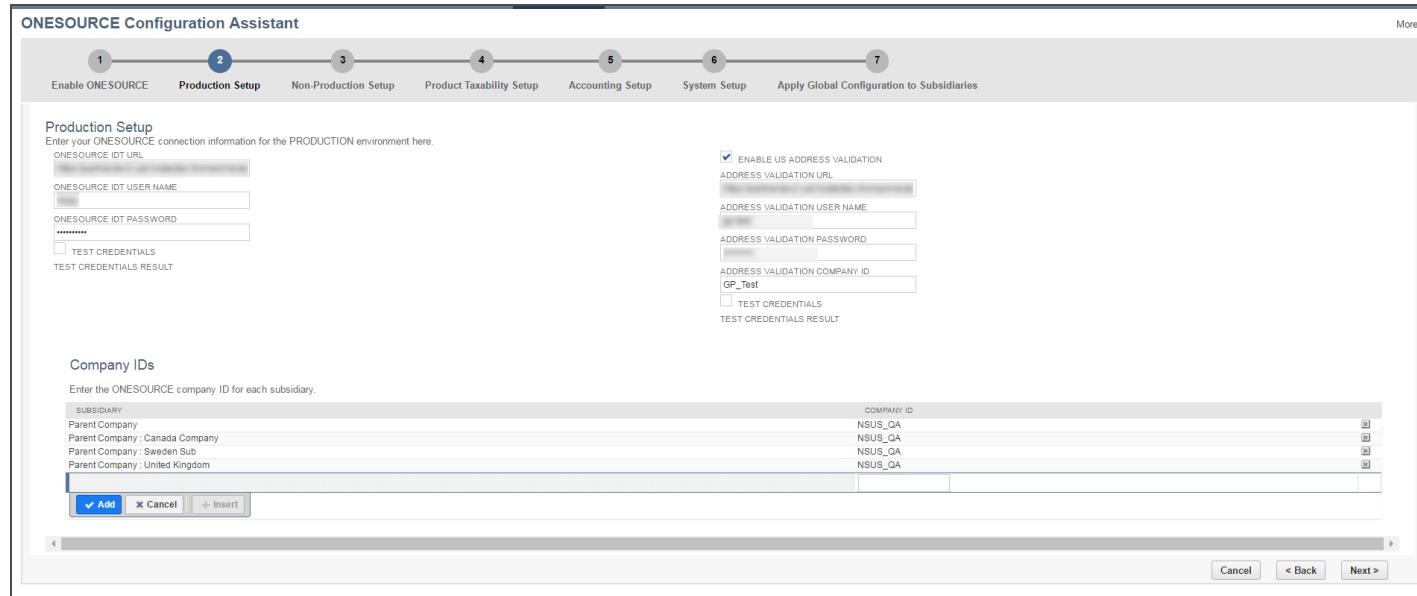
SUBSIDIARY	AUSTRIA	BELGIUM	CANADA	FRANCE	SWEDEN	UNITED KINGDOM	UNITED STATES
Parent Company	Yes						
Parent Company : Canada Company	Yes						
Parent Company : Sweden Sub	Yes						
Parent Company : United Kingdom	Yes						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Add **Cancel** **Insert**

Cancel **< Back** **Next >**

Step Two: Production Setup

In this step you will enter the ONESOURCE information for your production environment.



The screenshot shows the 'Production Setup' step of the ONESOURCE Configuration Assistant. The top navigation bar shows steps 1 through 7: Enable ONESOURCE, Production Setup (highlighted in blue), Non-Production Setup, Product Taxability Setup, Accounting Setup, System Setup, and Apply Global Configuration to Subsidiaries. The 'Production Setup' section contains fields for ONESOURCE IDT URL, User Name, Password, and a checkbox for 'ENABLE US ADDRESS VALIDATION' with an associated address validation URL field. Below this is a 'Company IDs' section with a table mapping Subsidiary names to Company IDs. The table includes rows for Parent Company, Canada Company, Sweden Sub, and United Kingdom, each mapped to NSUS_QA. At the bottom are 'Add', 'Cancel', and 'Insert' buttons, along with navigation buttons for 'Cancel', '< Back', and 'Next >'.

1. Enter the production environment information for each of the fields listed below. These values are provided by the ONESOURCE Implementation Team.
 - ONESOURCE IDT URL
 - ONESOURCE IDT User Name
 - ONESOURCE IDT Password

2. Select TEST CREDENTIALS.



Selecting **TEST CREDENTIALS** sends a test sales transaction to Determination. The call is logged and the results are available to assist you in verifying and solving connection issues. (This does not result in a transaction or posting inside your NetSuite account.)

To access the log go to **ONESOURCE IDT > XML LOGS > XML LOG RECORDS**. The name of the record is *Test Credentials*.

EDIT VIEW	INTERNAL ID	NAME	OWNER	DATE CREATED *	ENTITY	LOG TYPE	SUBSIDIARY
Edit View	1/960	IDT-LX4V1QZSXUHMZEHK - invoice - PENDING		6/14/2017 4:01 pm		Debug	Parent Company
Edit View	17959	IDT-ZVHPO0HAPTK0K9QM - invoice - PENDING		6/14/2017 3:58 pm		Debug	Parent Company
Edit View	17958	IDT-BVDFWFJKJ12302GH - invoice - PENDING		6/14/2017 3:58 pm		Debug	Parent Company
Edit View	17957	IDT-Y1B0RMCPW76L720 - invoice - PENDING		6/14/2017 3:55 pm		Debug	Parent Company
Edit View	17956	IDT-59Y8FUJIRPOP20A - invoice - PENDING		6/14/2017 3:55 pm		Debug	Parent Company
Edit View	17955	IDT-3DGPX198RKQW9TUA - invoice - PENDING		6/14/2017 3:52 pm		Debug	Parent Company
Edit View	17954	IDT-7H3KV0J49346AF8 - invoice - PENDING		6/14/2017 3:51 pm		Debug	Parent Company : United Kingdom
Edit View	17953	IDT-58FMOPPG7QFUNKW8 - invoice - PENDING		6/14/2017 1:32 pm		Error	Parent Company : United Kingdom
Edit View	17952	IDT-58FMOPPG7QFUNKW8 - invoice - PENDING		6/14/2017 1:16 pm		Error	Parent Company : United Kingdom
Edit View	17951	IDT-NXWTTXB3EERQ4C7 - invoice - PENDING		6/13/2017 1:48 pm		Error	Parent Company
Edit View	17950	Test Credentials		6/13/2017 1:19 pm		Debug	
Edit View	17949	IDT-SFL5A0BATOFSEOKB - invoice - PENDING		6/13/2017 1:05 pm		Error	Parent Company
Edit View	17948	IDT-M5QQ997UN7LDH5LN - invoice - PENDING		6/13/2017 1:01 pm		Error	Parent Company
Edit View	17947	IDT-3OHDH3HJTQ975P4T - invoice - PENDING		6/13/2017 12:59 pm		Error	Parent Company
Edit View	17946	Test Credentials		6/13/2017 12:53 pm		Debug	
Edit View	17945	Test Credentials		6/13/2017 12:37 pm		Debug	
Edit View	17944	IDT-T1UX8S5SHSB AJF22 - purchaseorder - PENDING		6/9/2017 10:42 am		Audit	Parent Company
Edit View	17943	IDT-T1UX8S5SHSB AJF22 - purchaseorder - PENDING		6/9/2017 10:42 am		Audit	Parent Company

3. Select **Enable Address Validation** to enable the optional address validation service.

4. Enter the address validation credentials listed below. These values are provided by the ONESOURCE Implementation Team.

- Address Validation URL
- Address Validation User Name
- Address Validation Password
- Address Validation Company ID

5. In the **Company IDs** section, enter the Company ID of the Determination company that is associated with the NetSuite subsidiary.



While credentials are shared, individual companies may have different identifications and require specific mappings.

6. Select **Next** to proceed to **Non-Production Setup**.

Step Three: Non-Production Setup

Repeat all steps from Production Setup for any non-production environments such as a sandbox account or new-release preview. Adding credentials enables the ability to test functionality in the non-production environment without affecting your actual tax reporting data.

Step Four: Product Taxability Setup

These product tax code values are only relevant in US and Canada.

1. Select the **Maintain Product Tax Code List** link to add product tax codes to your account.
2. Select the **Assign Product Tax Codes to Items** link to configure product taxability.
3. Enter the default product tax codes for **Freight**, **Product Handling** and **Product Expense**, as determined by your implementation team.



If the product tax code is not available in the drop-down menu, you may select **New** to create the product tax codes needed to assign to **Freight**, **Product Handling** and **Product Expense**. The product tax code name must match one of the product tax codes provided by the implementation team.

The following product tax codes are delivered with the bundle installation:

PRODUCT TAX CODE	PRODUCT TAX CODE DESCRIPTION
G2BN	Mandatory Handling Charges
G66D	Shipping
GC66	Generic Taxable Product
GF3A	Generic Non-Taxable Product

Freight Commodity Code and Handling Commodity Code: NetSuite does not provide the ability to customize Shipping and Handling Items. Enter the values you wish to use as the default commodity codes for shipping and handling.

Step Five: Accounting Setup

US Vendor Tax and US Use Tax Accrual: Select your US Use Tax Accrual configuration from the drop-down menu. For more information on this preference see [Vendor Charged Tax Accrual \(page 76\)](#). Use tax accrual is only supported for US subsidiaries.

Most postings will be determined by the configuration of the IDT Tax Codes but in some scenarios the chosen expense account can differ:

- **Essential Use Tax Accrual:** IDT Tax Code Configuration applies.
- **Self Assess Only:** IDT Tax Code Configuration applies.
- **Capture Vendor Charged Tax:** US Vendor Use Tax Expense account applies.

Select your US Use Tax Accrual Liability payable account from the drop-down menu. This account will contain postings relative to over or undercharged amounts from Vendor Bill transactions.

Accounting Setup

Enter your ONESOURCE accounting setup information here.

Tax Codes
EDIT ACCOUNTS ASSOCIATED WITH SPECIFIC TAX CODES
Specify GL Accounts by Tax Code.

US Vendor Tax
US VENDOR TAX EXPENSE ACCOUNT *
Tax Accrual (Expense)

US Use Tax Accrual
US USE TAX ACCRUAL CONFIGURATION *
Essential Use Tax Accrual

US USE TAX ACCRUAL LIABILITY ACCOUNT *
Tax Accrual (Liability)

GST and VAT
VARIANCE ACCOUNT *
IDT Tax Variance Account

Rounding
TAX ROUNDING ACCOUNT *
Tax Accrual (Rounding)

Cancel < Back Next >

GST and VAT VARIANCE ACCOUNT: When posting results for GST and VAT-impacted purchase transactions ONESOURCE IDT will compare the amount charged by the vendor to the amount calculated by Determination. The difference (if any) is posted to this account. See *VAT Variances on Vendor Bills* in the *User Guide* for more information about this feature.

TAX ROUNDING ACCOUNT: Select the tax rounding account from the drop-down menu. The tax rounding account is used to post small currency conversion discrepancies when taxes are applied in a foreign currency.

Select **Next** when you are ready to proceed to **System Setup**.

Step Six: System Setup

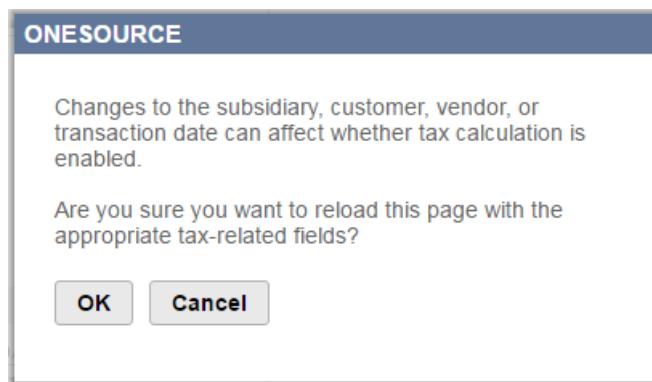
To begin follow the steps below to setup your **GENERAL SETTINGS**.

1. Enter the start date for ONESOURCE IDT to begin sending transactions to Determination for tax calculation in the **ONESOURCE EFFECTIVE DATE** field. Transactions dated prior to the effective date will not trigger the service.

The following message is triggered on transactions where a transaction date prior to the ONESOURCE effective date is selected.

"Changes to the subsidiary, customer, vendor, or transaction date can affect whether tax calculation is enabled.

Are you sure you want to reload this page with the appropriate tax-related fields?



2. Select **LOADING SCREEN DURING ONESOURCE CALCULATIONS** to display a progress bar during tax calls and address validation.

3. (Optional) If the **LOCATIONS** feature is enabled in your NetSuite implementation, but is not used for address-related functionality select **DISABLE LOCATIONS FOR TAX CALCULATION**.



When locations are disabled for tax calculation ONESOURCE IDT uses the Ship To address for the subsidiary/company address on purchases and the Ship From address for the subsidiary/company address on sales transactions as if the **LOCATIONS** feature was not enabled.

4. To use the Payment Hold feature on vendor bills select **ENFORCE PAYMENT HOLD FOR GST/VAT VARIANCE**. If you do not select this option on this form, the vendor-charged tax will be posted to your transaction with an offsetting GL posting to account for the difference (debit or credit) from the Determination-calculated amount.



Turning this feature off could allow transactions to be paid that have an inaccurate assessment of VAT from your vendor leading to payments to those vendors that exceed the statutory liability. Conversely you may also pay an amount under your liability. It is recommended that you evaluate existing cash control processes to determine the impact to your business with both elections.

Now we will set the **SECURITY SETTINGS** to configure the RESTlet.

1. If you have not done so already, create a new Employee record called **ONESOURCE Integration User** and assign the **Thomson Reuters ONESOURCE Indirect Tax** role to that record.

Enter the user in the **NETSUITE USER LOGIN** field.



This is best practice. This role can be assigned to an active user, but it is not recommended as the user could leave the company or change roles.

2. Select **AUTOMATICALLY GENERATE NEW ACCESS TOKEN**. The NetSuite system creates a new token after the next step.



You can also generate a new token by going to **Settings > Manage Tokens** and entering your token in the configuration wizard.

3. Enter the user password for the ONESOURCE Integration User. in the **NETSUITE USER PASSWORD** field. The token credentials populate.

4. Select **FINISH**.

Finally, we set the **LOGGING SETTINGS** and **DOWNTIME SETTINGS** for your integration. Your ONESOURCE Implementation Team should be able to recommend the appropriate settings at the time of configuration:

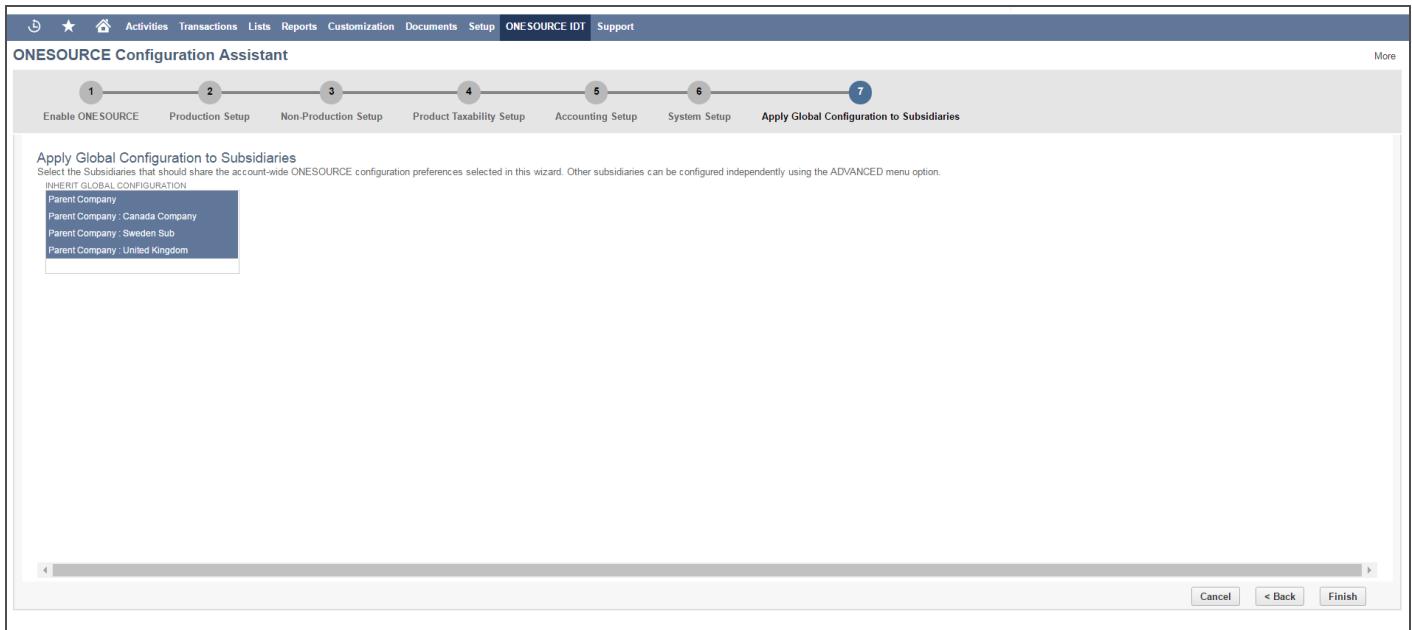
1. Use the **LOG LEVEL FOR ONESOURCE RECORDS** drop-down menu to select the log level. Log Level options range from Debug (most detailed) to Emergency (best performance).
2. Use the **HIDE LOG MESSAGES AFTER** drop-down menu to set the number of days to display log messages.
3. Use the **DELETE LOG MESSAGES AFTER** drop down menu to set the number of days to keep log messages. Logs older than the selected number of days are deleted.
4. Select which sales transactions should save when the tax service is unavailable using the **ALLOW SAVE OF SALES TRANSACTIONS WITH DEFAULT RATE** drop-down menu.

The options are to **Never Allow Save** for any sales transaction types, **Allow Save for Non-posting Only** (estimates, sales orders, and return authorizations), or to **Allow Save for All Transactions**. When a sales transaction is allowed to save and the tax service is unavailable, the default tax rate is applied. Please note that purchase transactions save without taxes when the tax service is unavailable.

5. In the **DEFAULT TAX RATE DURING SERVICE DOWNTIME (ALL COUNTRIES)** field, specify a default tax rate to apply in cases where the tax service is unavailable.
6. Select **Specify default rates by country** to specify a **Tax Rate During Service Downtime** that applies to a specific country only.

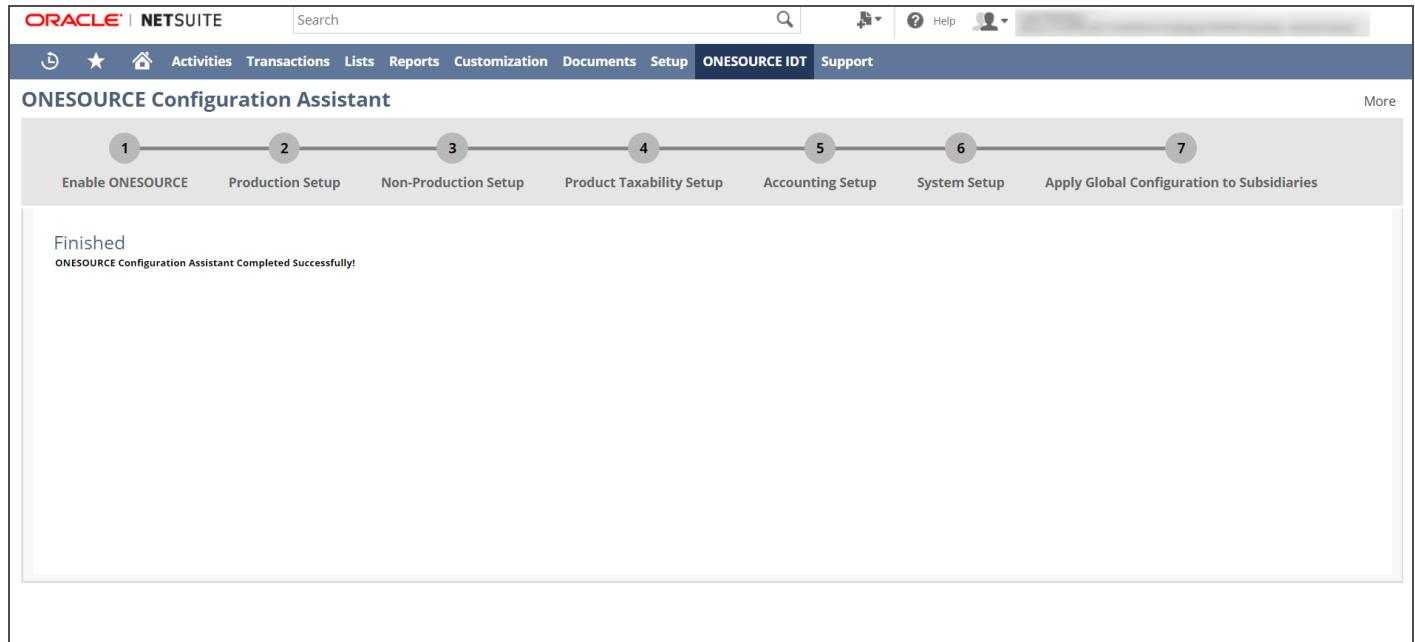
Step Seven: Apply Global Configuration to Subsidiaries

During the configuration process a number of choices are made. These choices have been the basis for the creation of a Global Configuration Record. The final step in the configuration process is to select which subsidiaries will apply this global configuration. For most this will be the desired setup and the ONESOURCE Configuration Assistant has been designed to provide implementation as quickly and efficiently as possible.



Should you prefer that the global configuration not apply to a particular subsidiary you will need to update the individual configuration record and provide the appropriate values (Production URL, Default Product Tax Code and Commodity Code Selections, Etc.). The individual configuration records can be found at **ONESOURCE IDT>Setup> ONESOURCE CONFIGURATION TABLE (Advanced)**.

Select **Finish** to save the updates entered in the ONESOURCE Configuration Assistant. The following message confirms a successful configuration and provides a link to start configuration for another subsidiary. Repeat the steps in this section to configure all remaining subsidiaries set up in your NetSuite account.



Once configuration is complete, addresses can be validated at any time.

ONESOURCE Configuration Table (Advanced)

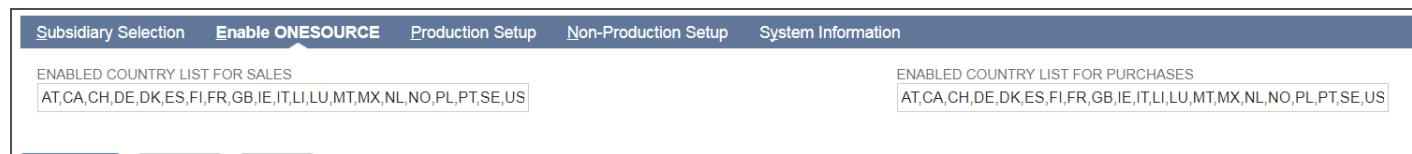
Each section of the configuration record is described here, as well as how data influences the integration during implementation.

Subsidiary Selection

The subsidiary selection indicates to which subsidiary the configuration record is related.

Enable ONESOURCE

In a standard configuration this field is populated by the Configuration Assistant. If the advanced configuration is chosen, you should be prepared to enter comma-separated values for the ISO code of the country being enabled. For example, the following screen capture shows a subsidiary with values for Austria, Canada, Switzerland, Germany, etc. indicated by the corresponding ISO code for those countries in the **ENABLED COUNTRY LIST FOR SALES** field. The process for sales and purchase transactions is identical.



Production Setup

Production configuration data such as login credentials is populated by the Configuration Assistant. This section is for specific identification of the mapped Company of this subsidiary configuration

Non-Production Setup

Non-Production configuration data such as login credentials is populated by the Configuration Assistant. This area is for specific identification of the mapped Company of this subsidiary configuration

Product Taxability Setup

These selections can be unique for each subsidiary. The Configuration Assistant assigns the same selections to each subsidiary configured. In this tab, you can update your specific configuration to differ from the basic configuration.

Accounting Setup

These selections can be unique for each subsidiary. The Configuration Assistant assigns the same selections to each subsidiary configured. In this tab, you can update your specific configuration to differ from the basic configuration. For example, if multiple US subsidiaries have been configured each could have its own method of handling US Use Tax Accruals with unique liability accounts for each subsidiary.

System Setup

These selections can be unique for each subsidiary. The Configuration Assistant assigns the same selections to each subsidiary configured. In this tab, you can update your specific configuration to differ from the basic configuration. For example, one subsidiary may enable ONESOURCE at a later effective date or prefer to forgo the enforcement of payment holds when tax calculations vary from vendor charges.

Advanced Options

See [Enable Support for Large or Complex Transactions \(page 63\)](#).

System Information

System Information contains information such as system notes which may be viewed to observe changes in record values over time. For example, you may find it valuable to research which user made changes to the configuration. The system notes can assist with that audit function.

SET UP PRODUCT TAXABILITY

To calculate tax, Determination needs to match your items to a tax rule in Determination. Milk products, for example, might be subject to a reduced rate, a boat or other luxury item might be subject to an increased rate, and janitorial services exempt from tax. **Product Tax Codes** and **Commodity Codes** are used to make these associations.

Transactions processed by Determination include either a Product Code or a Commodity Code associated with a product. This transaction data is used by Determination to drive rule selection, select exemption certificates, or fully exempt the product according to your configuration.

Product Tax Codes

For supported US and Canadian taxes, Product Tax Codes represent the tax treatment of your items in NetSuite. Each Product Tax Code is associated with tax rules for Determination-supported US and Canadian taxes. When a **Product Tax Code** is mapped to an item in NetSuite the tax rules associated with the tax code are used to calculate tax. Product Tax Codes are not supported for transactions occurring outside of the US and Canada. For these transactions, Commodity Codes must be used. See [Commodity Codes \(page 57\)](#) for more information.



Your specific business and item mix most likely will not require the entire list of ONESOURCE IDT tax codes. You should only add the tax codes that are relevant to goods and services that you sell or purchase.

Add Product Tax Codes to NetSuite

ONESOURCE IDT Product Tax Codes must be added to NetSuite before you can associate your items with them. This may be done by uploading a .csv file or by manually entering the codes.

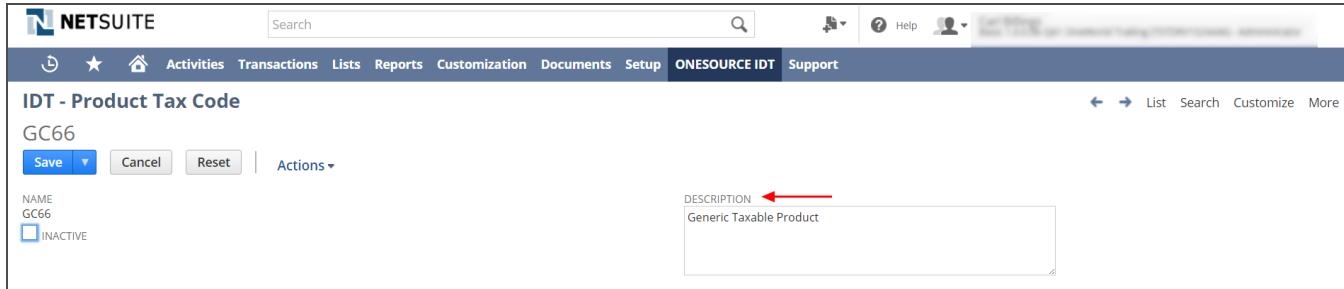
Manually Enter Product Tax Codes

1. Select **ONESOURCE IDT** on the menu bar.
2. Go to **Product Taxability > Maintain Product Tax Code List**.
3. Select **New**.



4. Using the list of ONESOURCE IDT Product Tax Codes the ONESOURCE Implementation Team provided you with, enter the **Product Tax Code** in the **NAME** field.

5. Enter the ONESOURCE definition for the product tax code in the **DESCRIPTION** field.



The screenshot shows the NetSuite interface for managing product tax codes. The top navigation bar includes links for Activities, Transactions, Lists, Reports, Customization, Documents, Setup, ONESOURCE IDT (which is selected), and Support. Below the navigation is a sub-menu for 'IDT - Product Tax Code'. A product tax code named 'GC66' is selected. The 'NAME' field contains 'GC66' and the 'ACTIVE' checkbox is checked. The 'DESCRIPTION' field contains the text 'Generic Taxable Product', with a red arrow pointing to the left of the word 'DESCRIPTION'. Below the form are buttons for Save, Cancel, and Reset, and an 'Actions' dropdown.

6. Select **Save**.
7. Repeat for each product tax code you want to add.

Assign Product Tax Codes to Items

Once you have added your ONESOURCE IDT Product Tax Codes you are ready to assign them to NetSuite Items. Do this by updating each **Item** record individually by using the **Assign Product Tax Codes** page to configure all items using a single page view or by updating the items via .csv import.



If you have a large number of items, you may use the standard NetSuite CSV upload process to create the mappings offline and then upload the .csv file to NetSuite. Ensure that you include or map the field **IDT Product Tax Code** in the .csv upload file. Contact your implementation team for assistance with this method.

Assign Product Tax Codes to Multiple Items

1. Select **ONESOURCE IDT** on the menu bar.
2. Navigate to **Setup** and select **Assign Product Tax Codes** to Items.
3. (Optional) Use the filters to narrow the list of the items displayed on the form.
4. Locate the item(s) you wish to update.
5. Select the appropriate **Product Tax Code** for the item.
6. Repeat this step for each item you wish to update.
7. Select **Save**.

Assign Product Tax Code on a Single Item Record

1. Go to the **Item** record and select **EDIT**.
2. Select the **ONESOURCE** subtab located within the **Item** record.
3. Select the appropriate **IDT Product Tax Code** for the item.

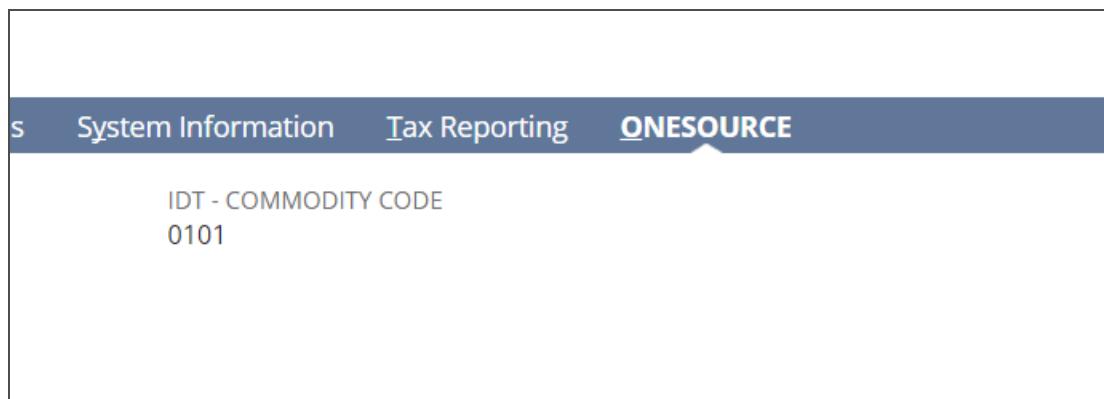
Update or Correct Product Tax Code Assignments

Updating or correcting the Product Tax Code assigned to an Item does not affect historical transactions that used the previously assigned code. To update tax calculation for a transaction that should reflect an updated Product Tax Code assignment, you must delete the item from the transaction, replace it with the same item, and **SAVE** the record. The item will now use the updated assignment for tax calculation.

Commodity Codes

ONESOURCE IDT allows you to store Commodity Codes and pass their value from NetSuite to Determination. Commodity Codes are required for transactions that occur outside of the US and Canada as the 4-digit **Product Tax Codes** are not applicable outside these areas.

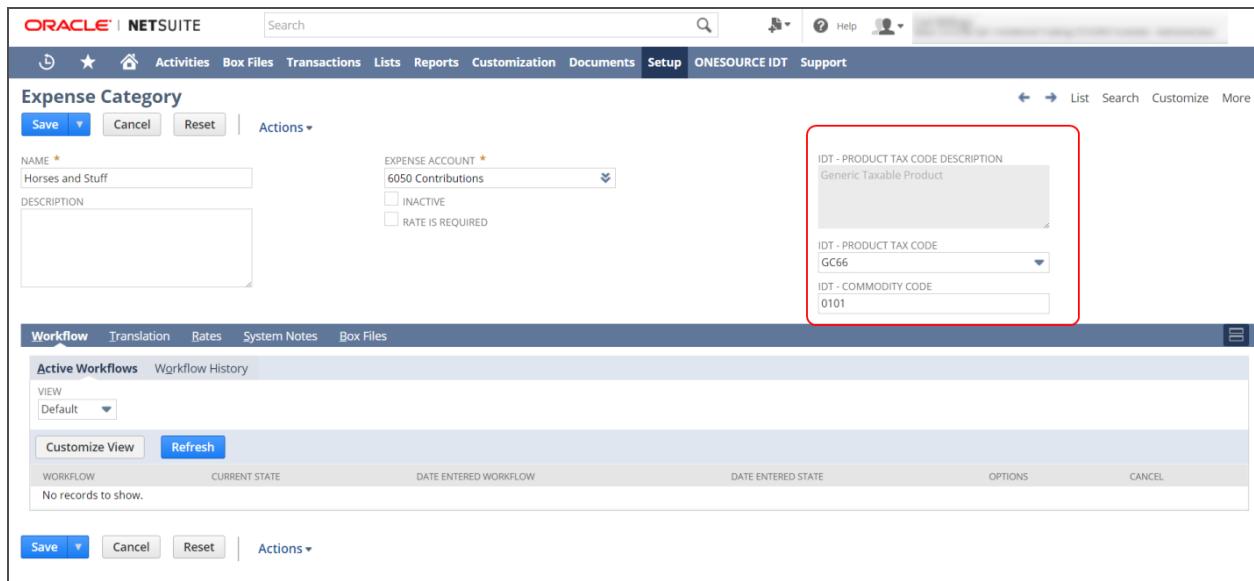
Commodity Codes are entered at the Item-level under the **ONESOURCE** tab.



Some transaction lines are not Items or are not customizable to allow a **IDT – COMMODITY CODE** to be stored. Assign default Commodity Codes for Expense Lines and Shipping Items (including the Handling amounts) at **ONESOURCE IDT > Setup > Configure ONESOURCE**.

EXPENSE CATEGORIES

Expense lines can be populated from Expense Categories as well as from direct data entry. ONESOURCE IDT gives you the ability to configure these Expense Categories with Product Tax Codes and Commodity Codes for accurate tax calculations.



The screenshot shows the 'Expense Category' configuration screen in Oracle NetSuite. The 'NAME' field is set to 'Horses and Stuff'. The 'EXPENSE ACCOUNT' field is set to '6050 Contributions'. The 'IDT - PRODUCT TAX CODE DESCRIPTION' field contains 'Generic Taxable Product'. The 'IDT - PRODUCT TAX CODE' field contains 'GC66' and the 'IDT - COMMODITY CODE' field contains '0101'. The 'Workflow' section shows 'No records to show.'

IDT- Product Tax Code Description: This value is automatically populated using the description from the product tax code entered in the **IDT- Product Tax Code** field.

IDT- Product Tax Code: Enter the 4 digit Product Tax Code that will be passed in the xml to Determination to define the taxability of the **Expense Category** in the US and Canada. This field is not applicable to authorities outside of those areas, VAT regimes utilize the **IDT-Commodity Code** instead.

IDT-Commodity Code: Enter the Commodity Code that will be used to define the taxability of the Expense Category. This value will be passed in the xml to Determination.

ENABLE DELIVERY TERMS (INCOTERMS)

Incoterms are standardized three-letter trade terms used with transactions related to international commercial procurement practices. They communicate the tasks, costs, and risks associated with the transportation and delivery of goods. Incoterms define where a buyer takes ownership of a product and they are typically used for international orders, such as when an item goes through customs or crosses a border. They expand upon the concept of the FOB terms used in the United States.

ONESOURCE IDT utilizes the **Accounting List INCOTERMS** found under **Setup > Accounting > Accounting Lists > Incoterms**. You can populate the values in the list for use in your purchase and sales transactions.

- NetSuite provides a standard field, **INCOTERMS**, on purchase transactions. The default value for this field is set on the **Vendor** record.

Classification

SUBSIDIARY * Parent Company - California (USD)

LOCATION

Expenses and Items **Billing** Relationships Communication ONESOURCE Tax Details

VENDOR

US Vendor California
2500 W Empire Ave
Burbank CA 91504-5004
United States

Map

VENDOR SELECT US California 91504

TERMS Due on receipt

INCOTERM EXW

- ONESOURCE IDT adds a custom transaction body field, **IDT - INCOTERM**, for your sales transactions. The values for this field are configured in your **Accounting List**. There is no default value for the **Customer Entity**, it must be set for each transaction.

Classification

SUBSIDIARY Parent Company - California (USD)

CLASS

Items Shipping Billing Accounting Relationships Communication **ONESOURCE Tax Details**

ONESOURCE DOCUMENT NUMBER
IDT-FVSE1D1SVNPG3HIK

IDT - DO NOT CALCULATE TAX

IDT - INCOTERM
EXW

If you choose to leave the **IDT - INCOTERM** field blank ONESOURCE IDT will not pass a default Incoterm and the **Point of Title Transfer** will default to **In Transit** during tax calculation.

ENTER TAX REGISTRATIONS

In accounts where **Advanced Taxes** is enabled, the Nexus record, Tax Schedules and Address record determine taxability. Using ONESOURCE IDT all of your tax-relevant data is sent to Determination for tax calculation. Your tax result is determined by a number of factors, including whether you are registered to collect tax in a given jurisdiction, whether your customer or vendor is registered in the jurisdiction, and the characteristics of the item.

Tax Registrations are stored in two systems. Your own registrations are stored in Determination and the registration numbers for entities you transact with are stored in NetSuite. ONESOURCE IDT enables you to enter multiple tax registrations for each of your customers and vendors in NetSuite.

Customer Registrations

If your customer has only one tax registration to track, you can enter it under the **Financial** tab in the **TAX REG. NUMBER** field.

Tax Information TAX REG. NUMBER 65-258-1254 ← Balance Information BALANCE 2,152.50 DEPOSIT BALANCE 0.00 3RD PARTY BILLING ACCOUNT NUMBER 3RD PARTY BILLING POSTAL CODE CURRENT 1-30 DAYS 31-60 DAYS 61-90 DAYS OVER 90 DAYS 2,202.49 -49.99 0.00 0.00 0.00			TAX ITEM	RESALE NUMBER			
			OVERDUE BALANCE 0.00	DAYS OVERDUE 0			
			UNBILLED ORDERS 195.76				
			3RD PARTY BILLING COUNTRY United States	3RD PARTY BILLING CARRIER			
Currencies • Credit Cards • Time Tracking • Additional Tax Registrations*							
New Additional Tax Registrations Attach Customize View							
EDIT	COUNTRY	TAX REG NUMBER	ADDRESS ID	ADDRESS	VALID FROM	VALID UNTIL	REMOVE
Edit	Canada	1234567890TQ	853	Canada QC Ville de Québec	7/1/2016		Remove
Edit	Canada	123456789			8/1/2016		Remove
Edit	Canada	PST-1234-1235			8/1/2016		Remove
Edit	Canada	1234-1234	852	Canada ON Toronto	8/1/2016		Remove
Edit	Spain	ES1234567A	1162	Spain Madrid	1/1/2017		Remove
Edit	Mexico	ABC-123456-abc	856	MX Ensenada	12/1/2014	12/1/2016	Remove
Edit	Germany	DE123456789	857	DE Berlin	1/1/2016		Remove
Edit	United Kingdom	GB123456789	855	UK London	1/1/2016		Remove
Edit	Canada	123456789RT			2/1/2016		Remove
Edit	France	FRA123456799	854	France Paris	7/1/2016		Remove

If your customer is registered in multiple locations, you can enter the additional registrations under the **Additional Tax Registrations** subtab located under the **Financial** tab. The **Additional Tax Registrations** record also contains two date fields, **VALID FROM** to define the start date and **VALID UNTIL** to define the end date of the registration so that you can keep a record of past registrations even if they are no longer valid.

Additional Tax Registrations							
New Additional Tax Registrations		Attach	Customize View				
EDIT	COUNTRY	TAX REG NUMBER	ADDRESS ID	ADDRESS	VALID FROM	VALID UNTIL	REMOVE
Edit	Canada	1234567890TQ	853	Canada QC Ville de Québec	7/1/2016		Remove
Edit	Canada	123456789			8/1/2016		Remove
Edit	Canada	PST-1234-1235			8/1/2016		Remove
Edit	Canada	1234-1234	852	Canada ON Toronto	8/1/2016		Remove
Edit	Spain	ESA1234567A	1162	Spain Madrid	1/1/2017		Remove
Edit	Mexico	ABC-123456-abc	856	MX Ensenada	12/1/2014	12/1/2016	Remove
Edit	Germany	DE123456789	857	DE Berlin	1/1/2016		Remove
Edit	United Kingdom	GB123456789	855	UK London	1/1/2016		Remove
Edit	Canada	123456789RT			2/1/2016		Remove
Edit	France	FRAA123456799	854	France Paris	7/1/2016		Remove

Vendor Registrations

Vendor registrations are entered under the **Additional Tax Registrations** subtab located under the **Financial** tab. Do not enter your vendor's sales tax registration numbers in the **TAX ID** field. The **Additional Tax Registrations** record also contains two date fields, **VALID FROM** to define the start date and **VALID UNTIL** to define the end date of the registration so that you can keep a record of past registrations even if they are no longer valid.

Additional Tax Registrations							
New Additional Tax Registrations		Attach	Customize View				
EDIT	COUNTRY	TAX REG NUMBER	ADDRESS ID	ADDRESS	VALID FROM	VALID UNTIL	REMOVE
Edit	Spain	ESA1234567A			10/1/2014		Remove
Edit	France	FRAA123456790			1/1/2016		Remove

Associating Registrations with an Address Label

NetSuite may send one or more tax registration numbers to Determination for processing depending on how you configure your registrations in these custom records. The first column of the **Additional Tax Registrations** subtab denotes country, the second column is the registration number for that jurisdiction, and in the last column you are able to select an address label. If an address label from the entities address book is not chosen for an **Additional Tax Registration** record the integration will send that registration number with every tax request. In essence, the record is asking which address the registration is associated with. The UI has been configured to display a value of **All Addresses** when in **EDIT**.

If you do not enter an address label in the **ADDRESS** field, the integration will send that registration number with every address used in a tax call.

One example of a situation where this could be useful is with Canadian federal tax registrations for the GST. The GST is a federal sales tax that is charged on most goods and services sold in Canada, therefore this registration number should be sent with every tax request related to Canada. If you do not associate an address label with these registration numbers ONESOURCE IDT sends all of their values to be evaluated by Determination. Note that although there is no discernible impact to the integration by doing this reviewing detailed XML logs will more difficult.

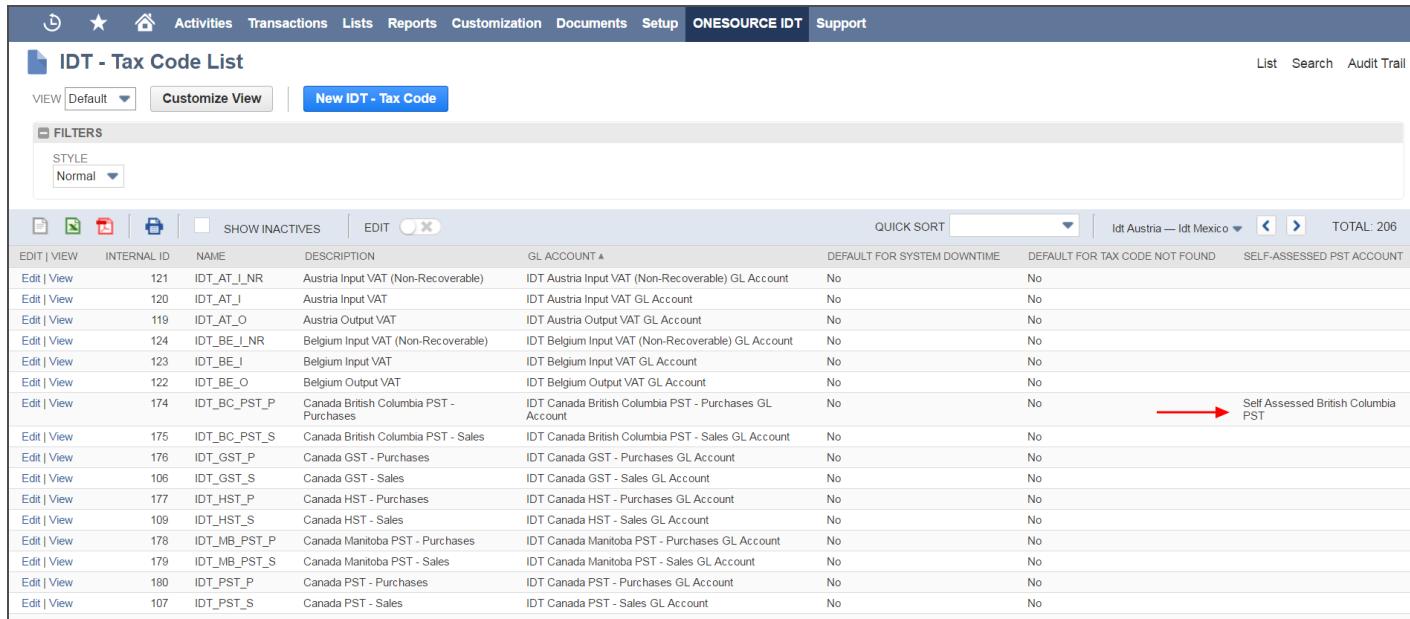
SELF-ASSESS PST

ONESOURCE IDT can be configured to self-assess PST in those regions where it is required.

To configure your account, go to the list of IDT-Tax Code records and find the Provincial Tax Code in question. In this example we want to self assess in British Columbia when the vendor does not charge PST.

IDT - Tax Code List							List	Search	Audit Trail
VIEW		Default	Customize View	New IDT - Tax Code					
FILTERS									
STYLE	Normal								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SHOW INACTIVES	<input type="checkbox"/>	EDIT	<input type="checkbox"/>	QUICK SORT	
EDIT VIEW	INTERNAL ID	NAME	DESCRIPTION	GL ACCOUNT #	DEFAULT FOR SYSTEM DOWNTIME	DEFAULT FOR TAX CODE NOT FOUND	SELF-ASSESSED PST ACCOUNT		TOTAL: 206
Edit View	123	IDT_BE_I	Belgium Input VAT	IDT Belgium Input VAT GL Account	No	No			
Edit View	122	IDT_BE_O	Belgium Output VAT	IDT Belgium Output VAT GL Account	No	No			
Edit View	174	IDT_BC_PST_P	Canada British Columbia PST - Purchases	IDT Canada British Columbia PST - Purchases GL Account	No	No			
Edit View	175	IDT_BC_PST_S	Canada British Columbia PST - Sales	IDT Canada British Columbia PST - Sales GL Account	No	No			
Edit View	176	IDT_GST_P	Canada GST - Purchases	IDT Canada GST - Purchases GL Account	No	No			
Edit View	106	IDT_GST_S	Canada GST - Sales	IDT Canada GST - Sales GL Account	No	No			
Edit View	177	IDT_HST_P	Canada HST - Purchases	IDT Canada HST - Purchases GL Account	No	No			
Edit View	109	IDT_HST_S	Canada HST - Sales	IDT Canada HST - Sales GL Account	No	No			
Edit View	178	IDT_MB_PST_P	Canada Manitoba PST - Purchases	IDT Canada Manitoba PST - Purchases GL Account	No	No			
Edit View	179	IDT_MB_PST_S	Canada Manitoba PST - Sales	IDT Canada Manitoba PST - Sales GL Account	No	No			
Edit View	180	IDT_PST_P	Canada PST - Purchases	IDT Canada PST - Purchases GL Account	No	No			
Edit View	107	IDT_PST_S	Canada PST - Sales	IDT Canada PST - Sales GL Account	No	No			
Edit View	181	IDT_QST_P	Canada QST - Purchases	IDT Canada QST - Purchases GL Account	No	No			
Edit View	108	IDT_QST_S	Canada QST - Sales	IDT Canada QST - Sales GL Account	No	No			
Edit View	182	IDT_SK_PST_P	Canada Saskatchewan PST - Purchases	IDT Canada Saskatchewan PST - Purchases GL Account	No	No			

To do this, go to the **IDT - Tax Code** labeled **IDT Canada British Columbia PST - Purchases GL Account** and populate the **SELF-ASSESSED PST ACCOUNT** column with the General Ledger account to which you wish to post your self assessment.



EDIT VIEW	INTERNAL ID	NAME	DESCRIPTION	GL ACCOUNT ▲	DEFAULT FOR SYSTEM DOWNTIME	DEFAULT FOR TAX CODE NOT FOUND	SELF-ASSESSED PST ACCOUNT
Edit View	121	IDT_AT_I_NR	Austria Input VAT (Non-Recoverable)	IDT Austria Input VAT (Non-Recoverable) GL Account	No	No	
Edit View	120	IDT_AT_I	Austria Input VAT	IDT Austria Input VAT GL Account	No	No	
Edit View	119	IDT_AT_O	Austria Output VAT	IDT Austria Output VAT GL Account	No	No	
Edit View	124	IDT_BE_I_NR	Belgium Input VAT (Non-Recoverable)	IDT Belgium Input VAT (Non-Recoverable) GL Account	No	No	
Edit View	123	IDT_BE_I	Belgium Input VAT	IDT Belgium Input VAT GL Account	No	No	
Edit View	122	IDT_BE_O	Belgium Output VAT	IDT Belgium Output VAT GL Account	No	No	
Edit View	174	IDT_BC_PST_P	Canada British Columbia PST - Purchases	IDT Canada British Columbia PST - Purchases GL Account	No	No	Self Assessed British Columbia PST
Edit View	175	IDT_BC_PST_S	Canada British Columbia PST - Sales	IDT Canada British Columbia PST - Sales GL Account	No	No	
Edit View	176	IDT_GST_P	Canada GST - Purchases	IDT Canada GST - Purchases GL Account	No	No	
Edit View	106	IDT_GST_S	Canada GST - Sales	IDT Canada GST - Sales GL Account	No	No	
Edit View	177	IDT_HST_P	Canada HST - Purchases	IDT Canada HST - Purchases GL Account	No	No	
Edit View	109	IDT_HST_S	Canada HST - Sales	IDT Canada HST - Sales GL Account	No	No	
Edit View	178	IDT_MB_PST_P	Canada Manitoba PST - Purchases	IDT Canada Manitoba PST - Purchases GL Account	No	No	
Edit View	179	IDT_MB_PST_S	Canada Manitoba PST - Sales	IDT Canada Manitoba PST - Sales GL Account	No	No	
Edit View	180	IDT_PST_P	Canada PST - Purchases	IDT Canada PST - Purchases GL Account	No	No	
Edit View	107	IDT_PST_S	Canada PST - Sales	IDT Canada PST - Sales GL Account	No	No	



The self-assessment does not adjust for your accounting procedures or perform any automated payments. You must still determine how you wish to make use of the feature to suit your needs. This feature is intended to assist not replace your own business compliance logic.

ENABLE SUPPORT FOR LARGE OR COMPLEX TRANSACTIONS

Using the ONESOURCE Configuration Assistant enables the default setup of the ONESOURCE IDT RESTlet. However, some implementations consume large quantities of instructions and when the RESTlet is not utilized the transactions exceed NetSuite instruction governance.

The default is 100 lines. ONESOURCE IDT allows you to customize the configuration, if required by your implementation, and set a higher maximum number of lines transactions may contain before the RESTlet is invoked.

To edit the number of lines a transaction can contain before invoking the RESTlet, complete the following steps.

1. To begin, go to **ONESOURCE IDT>ONESOURCE Configuration Table (Advanced)** to edit the chosen configuration. If you wish to edit the Global Configuration (and all configurations that inherit Global) select the **Global Configuration** Record.

INTERNAL ID	NAME
3	Global Configuration
1	Parent Company - Inherits Global
2	Parent Company : Canada Company - Inherits Global
4	Parent Company : Sweden Sub - Inherits Global
5	Parent Company : United Kingdom - Inherits Global

2. EDIT the record
3. Go to the Advanced Options tab

4. In the MAX TRANSACTION LINES BEFORE INVOKING RESTLET field enter the desired number of lines.
5. Select Save.



These steps can also be followed for individual configuration records, even those that do not inherit the **Global Configuration**.

A Tax Summary by State implementation, lower logging level and other considerations could lower your instruction count despite more lines being present on the transaction. Contact your ONESOURCE Professional Services team for assistance selecting the appropriate configuration options for your company's requirements.

CUSTOMIZE PURCHASE TRANSACTION FORMS

ONESOURCE IDT adds a number of custom fields to your account to support taxes on US purchase transactions. Follow the steps below to customize your transaction forms to display these fields.



ONESOURCE IDT installs custom forms for each purchase transaction type in your account. If you do not have existing custom forms, you may use the included forms as a starting point for your customizations and skip the steps below.

1. Go to **Customization > Forms > Transaction Forms**.
2. Select the **Edit** or **Customize** link corresponding with the purchase transaction form you would like to customize.
3. Go to the **Screen Fields** tab and select the **Expenses** subtab.
4. Reorder the tax and amount related-fields as follows, selecting the **Show** check box for each:
 - Pre-Tax Amt
 - Tax Rate (Not Disabled)
 - Tax Amt (Not Disabled)
 - Vendor Tax
 - Amount
 - Tax Code
 - Tax Rate (Disabled)
 - PST
 - Tax Amt (Disabled)
 - Gross Amt
5. Go to the **Columns** tab (purchase order forms) or **Items** tab (vendor bill, vendor return authorization, and vendor credit forms).

6. Reorder the tax and amount-related fields as follows, selecting the **Show** check box for each:

- Rate
- Pre-Tax Amt
- Tax Rate (Not Disabled)
- Tax Amt (Not Disabled)
- Vendor Tax
- Amount
- Tax Code
- Tax Rate (Disabled)
- PST
- Tax Amt (Disabled)
- Gross Amt

7. Select **Save**.

8. Repeat for all purchase orders, vendor bills, vendor return authorizations, and vendor credit transaction forms in your account.

CREDIT CARD TRANSACTIONS

Credit Card Transactions are not supported by ONESOURCE IDT. The **Transactions** form includes two ONESOURCE-specific areas that do not apply to these transactions, the **ONESOURCE Tax Details** subtab and the **VENDOR TAX** field. To avoid the possibility of confusion, we recommend that you create a custom form for your Credit Card Transactions with the subtab and field hidden.

CREATE A CUSTOM CREDIT CARD TRANSACTION FORM



This should be completed by an Administrator during the initial setup.

1. Go to **Customization > Forms > Transaction Forms**.
2. Select the **Edit or Customize** link for **Credit Card Transaction** forms.
3. Go to the **Screen Fields** tab.
4. Clear the **Show** check boxes for **Vendor Tax** and the **ONESOURCE Tax Details** subtab.
5. Select **Save**.

REVERSE CHARGES

ONESOURCE IDT 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 NetSuite Service Items as services unless configured in Determination.

REVERSE CHARGE ON PURCHASE TRANSACTIONS

ONESOURCE IDT sends the tax registrations of the Vendor and the Company (stored in Determination), address data, and Commodity Codes to evaluate taxability.

Example:

An Invoice is created with a single line with a value of €10,000 shipping from Spain to France. The Buyer Primary Address is France and the Seller Primary Address is Spain. The buyer and seller are each registered in both countries.

The line **Commodity Code** is **330510** and there are no additional configurations or custom rules in Determination. The invoice is calculated to have €550 Input VAT.

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

The Jurisdiction text summary will 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 sends the tax registrations of the Customer and the Company (stored in Determination), address data, and Commodity Codes to evaluate taxability

Example:

An Invoice is created with a single line with a value of €10,000 from France to Spain. The Buyer Primary Address is Spain and the Seller Primary Address is France. Both parties are registered in both countries.

The line **Commodity Code** is **330510** and there are no additional configurations or custom rules in Determination. 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 will result in zero VAT.

The Jurisdiction text summary will 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.

CONFIGURING RECOVERABILITY

Recoverability and partial recoverability for purchase transactions is supported by ONESOURCE IDT. 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 NetSuite **IDT Tax Code** configuration.

Without recoverability configured for the item in the following example, the **Tax Detail** would be 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.

Tax Detail													
EDIT	LINE TYPE	LINE #*	ITEM NAME	TAX CODE	TAX CODE DESCRIPTION (2)	NET AMOUNT	TAX BASIS	TAX RATE	TAX AMOUNT	GROSS AMOUNT	INVOICE DESCRIPTION	JURISDICTION TEXT	GL ACCOUNT
Edit	Item	1	Commodity Code 330510 (Shampoo)	IDT_FR_I_NR	France Input VAT (Non-Recoverable)	10,000.00	7,500.00	5.5%	412.50	10,412.50	TVA	EUBG1: Input VAT in Ship To location	ONESOURCE France Input VAT (Non Recoverable)
Edit	Item	1	Commodity Code 330510 (Shampoo)	IDT_FR_I	France Input VAT	10,000.00	2,500.00	5.5%	137.50	10,137.50	TVA	EUBG1: Input VAT in Ship To location	ONESOURCE France Input VAT

MAP YOUR EXEMPTIONS DATA FROM NETSUITE TO DETERMINATION

ONESOURCE IDT identifies your Customer Number using the unique Internal ID from your NetSuite ERP. The Internal ID cannot be edited in NetSuite. To configure exemptions you must map your Exempt Customers in Determination using this Internal ID.

You can set the Internal ID to be displayed in searches by exposing the column in results or individual users can set their preferences to always show Internal IDs in all results.

To configure the **Internal ID** to be displayed using the **Set Preferences** screen:

1. Go to **Home > Select Preferences > General**.
2. Select **SHOW INTERNAL IDS** in the **Defaults** category.

Set Preferences

Save Cancel Reset

General Appearance Transactions Analytics Activities Alerts Restrict View Custom Preferences

User Profile

NICKNAME

This setting applies to all your roles.

FROM EMAIL ADDRESS

This setting applies to all your roles.

SIGNATURE

This setting applies to all your roles.

ADD SIGNATURE TO MESSAGES

Localization

Defaults

USE MULTICURRENCY EXPENSE REPORTS
 DOWNLOAD PDF FILES
ADDRESS MAPPING TYPE
 SHOW INTERNAL IDS
 ONLY SHOW LAST SUBACCOUNT
 ONLY SHOW LAST SUBENTITY
 ONLY SHOW LAST SUBITEM

Messages

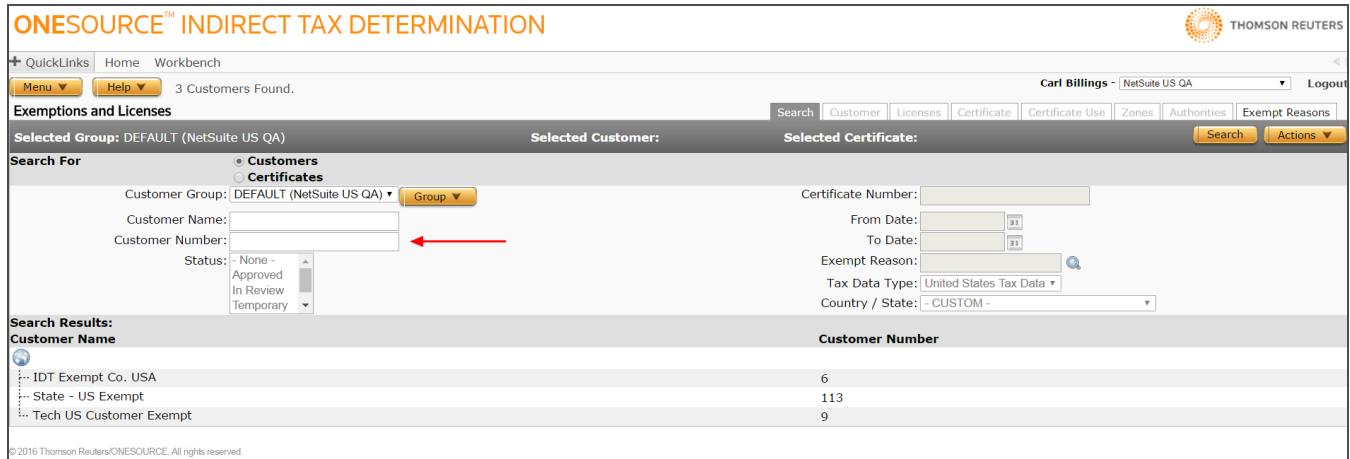
SUBMIT WARNINGS
 LIMIT CC FIELD TO CONTACTS & EMPLOYEES

3. Select **SAVE**.

To map an Exempt Customer in Determination:

1. Go to **Menu > Company Data > Exemptions and Licenses > Search**.
2. Find the customer that you wish to map.

3. Follow the procedure for editing a customer in Determination, entering the **Internal ID** from NetSuite in the **Customer Number** field.



ONESOURCE™ INDIRECT TAX DETERMINATION

3 Customers Found.

Exemptions and Licenses

Selected Group: DEFAULT (NetSuite US QA)

Selected Customer:

Selected Certificate:

Search For: Customers Certificates

Customer Group: DEFAULT (NetSuite US QA) **Group:**

Customer Name:

Customer Number: ←

Status: None Approved In Review Temporary

Certificate Number:

From Date: ←

To Date: ←

Exempt Reason: ←

Tax Data Type: United States Tax Data **Country / State:** CUSTOM

Search Results:

Customer Name	Customer Number
IDT Exempt Co. USA	6
State - US Exempt	113
Tech US Customer Exempt	9

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CUSTOM SUITECOMMERCE INTEGRATIONS

Beginning with the 1.0.0.1B release of ONESOURCE IDT, the SuiteApp includes a Restful API for you to use to develop your own SuiteCommerce integrations. This section includes the following topics to help you with that process:

Requirements for a SuiteCommerce Integration	73
Accessing the Web Service	73
Web Service Authentication	74
JSON Objects and Examples	74
Triggering Tax Calculation From Your SuiteCommerce Web Store	74
Interpreting the Tax Result	74
Testing Your SuiteCommerce Integration	75

REQUIREMENTS FOR A SUITECOMMERCE INTEGRATION

Installing the SuiteApp does not automatically trigger ONESOURCE tax calculation in SuiteCommerce web stores. Custom development is required to meet the following requirements:

- Display the correct ONESOURCE-calculated tax to users.
- Authorize third-party payment processors such as Paypal for the correct total amount, including ONESOURCE-calculated tax.
- Set the correct custom attribute fields when saving the sales order.

ACCESSING THE WEB SERVICE

The web service is available as a Restlet called *IDT - API - Restlet* installed in your NetSuite account.

- The script ID is *customscript_idt_api_restlet*.
- The deployment ID is *customdeploy_idt_api_restlet*.

You can find the web service URL on the script deployment record or look up the URL dynamically using NetSuite's APIs.

Script Deployment	
Edit Back Actions ▾	
SCRIPT IDT - API - Restlet	STATUS Released
TITLE IDT - API - Restlet	LOG LEVEL Debug
ID customdeploy_idt_api_restlet	URL /app/site/hosting/restlet.nl?script=27&deploy=1
<input checked="" type="checkbox"/> DEPLOYED	EXTERNAL URL https://rest.na1.netsuite.com/app/site/hosting/restlet.nl?script=27&deploy=1

WEB SERVICE AUTHENTICATION

For security, we recommend accessing the Restlet using token-based authentication. See NetSuite's [SuiteAnswer 44020](#) for an example (requires login).

JSON OBJECTS AND EXAMPLES

Documentation of the JSON objects as well as examples with sample data are available on the [ONESOURCE Customer Center](#).

TRIGGERING TAX CALCULATION FROM YOUR SUITECOMMERCE WEB STORE

How you trigger tax calculation will depend on the type of SuiteCommerce implementation you are using and your desired user interface. For optimal performance, we recommend including a **CALCULATE TAX** button on the cart page instead of re-calculating tax every time an item is added to the shopping cart. That button can then be used to trigger the API call.

INTERPRETING THE TAX RESULT

We recommend using the following algorithm to interpret the API response:

1. Was the request successful?

If not, decide how you would like to handle errors. One option is to display a message such as **Preview tax is not available at this time**. An error could be sent to administrators with the detailed error. Ideally these errors would be resolved in a sandbox prior to go-live.

2. Is tax enabled for this transaction?

If not, your NetSuite account must be configured to use a different tax provider for this transaction. If native tax should be used, your code can stop here because native tax is already fully integrated into SuiteCommerce.

3. For each tax line, set the following values on the corresponding item line:

- If the nexus country is Canada and the tax engine calculated a non-zero provincial tax amount, then set the **taxrate1** transaction column field to the **federal tax rate** and the **taxrate2** transaction column field to the **provincial tax rate**.
- Otherwise, set the **taxrate1** transaction column field to the **total tax rate** and the **taxrate2** transaction column field to **0**.

4. Optionally, add display fields to your user interface in any additional places you would like the tax amount shown.

TESTING YOUR SUITECOMMERCE INTEGRATION

When testing your SuiteCommerce integration, test all of the following scenarios that apply:

- All supported payment methods (credit card, Paypal, etc.)
- Both US and Canadian taxes if applicable
- Shipping addresses in US, Canada, and another international destination
- Products that are taxable and non-taxable
- Item-line shipping if enabled in your web store
- Shipping and handling charges if applicable
- Discounts and promotions if applicable
- Custom attributes if in use

VENDOR CHARGED TAX ACCRUAL

The following options for accruing your Vendor-Charged Tax (VCT) are explained in this section:

- [Essential Use Tax Accrual \(page 76\)](#)
- [Self-Assess Only \(page 76\)](#)
- [Capture Vendor-Charged Tax \(VCT\) \(page 77\)](#)

EXPECTATIONS OF GL IMPACT

Initial posting to the General Ledger is for the total amount of the transaction set to the appropriate Accounts Payable GL and each line item to its Expense Account. For instance, a line item with a cost of \$100 USD and total vendor charged tax of \$5 USD will show Accounts Payable Credited for \$105 and Item Expense as \$105. This is default NetSuite behavior for purchases in the United States that include vendor charges sales/use tax. Without an ability to isolate the tax impact the user is forced to accrue the cost to the line item or enter an additional line to represent the sales tax charged.

The following sections describe how each configuration option will impact your postings to the general ledger and in some instances whether tax is posted to the general ledger at all.

Essential Use Tax Accrual

The Integration compares the sales tax the vendor charged on the Vendor Bill to the seller's use tax amount calculated and audited by Determination. The net difference between the vendor-charged tax amount and the Determination-calculated seller's use tax amount is then accrued. An accrual to the general ledger is created to the Tax Expense and Tax Liability accounts defined when the integration was configured.

Self-Assess Only

This option calculates and accrues tax only when the vendor does not charge tax. When this option is selected the integration will calculate and audit the tax liability, and an accrual to the general ledger is created to the Tax Expense and Tax Liability accounts defined when the integration was configured.

Capture Vendor-Charged Tax (VCT)

The ONESOURCE Indirect Tax Integration for NetSuite adds support for capturing vendor charged tax. A tax calculation and audit is made, but accruals are not created for any differences between the Vendor-Charged Tax amount and the Determination-calculated seller's use tax amount. The discrepancy is displayed in the ERP Document Reconciliation Report in Reporting for reconciliation and reporting purposes.

MAINTAIN THE INTEGRATION

This section describes the steps required to update the ONESOURCE IDT Bundle and other tasks related to maintaining your integration.

The following topics are covered in this section:

Update the ONESOURCE IDT Bundle	79
Add a New Subsidiary	80

UPDATE THE ONESOURCE IDT BUNDLE

Complete the following tasks to upgrade your ONESOURCE IDT bundle.

Install the New ONESOURCE IDT Bundle

1. Go to **Customization > SuiteBundler > Search & Install Bundles > List**.
2. In the **Action** column next to **ONESOURCE Indirect Tax Integration**, hover over the down arrow and select **Update**.

Update the Subsidiaries Permission

Once the bundle is successfully updated, you must update the Subsidiaries permission for the **Thomson Reuters ONESOURCE Indirect Tax** role.

1. Go to **Setup > User/Roles > Manage Roles**.
2. Select **Edit** next to the **Thomson Reuters ONESOURCE Indirect Tax** role.
3. Under **SUBSIDIARIES** select all the subsidiaries for which the bundle should be configured or active.

NAME *

Thomson Reuters ONESOURCE Indirect Tax

ID

customrole_idt_tr_onesource

CENTER TYPE

Classic Center

SUSIDIARIES

Parent Company

Parent Company : Canada Company

Parent Company : Sample Configuration Subsidiary

Parent Company : State Implementation Company

No subsidiary selection causes role to restrict by subsidiary of user.

EMPLOYEE RESTRICTIONS

none - no default

ALLOW VIEWING

DEPARTMENT RESTRICTIONS

none - no default

ALLOW VIEWING APPLY TO ITEMS

CLASS RESTRICTIONS

none - no default

ALLOW VIEWING APPLY TO ITEMS

LOCATION RESTRICTIONS

none - no default

ALLOW VIEWING APPLY TO ITEMS

Permissions **Forms** **Searches** **Users** **Preferences** **Dashboard** **Translation** **History**

4. Select **Save**.
5. Log out and log back in to NetSuite to save the updates to the Subsidiaries permission.

ADD A NEW SUBSIDIARY

If you add a new subsidiary to NetSuite follow the steps under [Configure ONESOURCE IDT \(page 35\)](#) to configure the new subsidiary to use Determination for tax calculation.

CUSTOM ATTRIBUTES

ONESOURCE IDT enables you to send custom transaction attributes specific to your business to Determination.

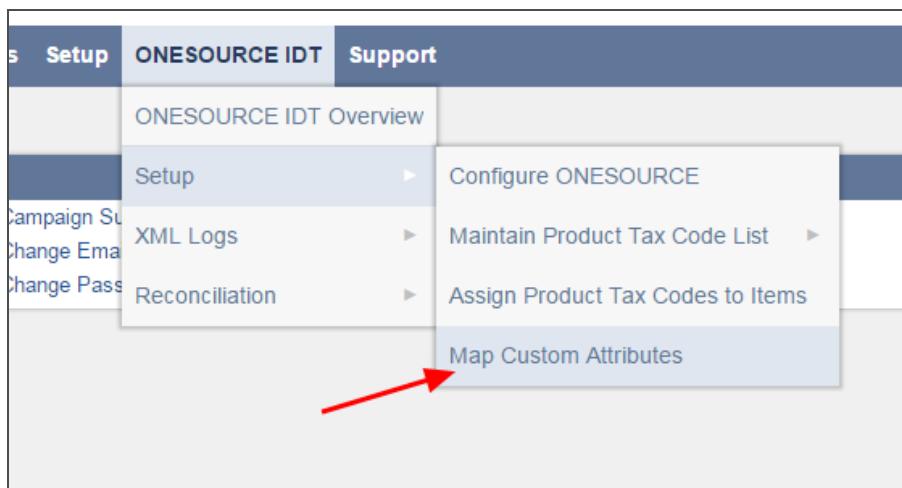
-  **NetSuite Transaction Body** values are also referred to as Header values and Main Line values.
-  **NetSuite Transaction Column** values are also referred to as Transaction Line values.

Transaction attribute assignments have the following characteristics:

- Each transaction can have a maximum of 40 Transaction Body values and 40 Transaction Column values.
- Sales transactions can have 40 Transaction Body values and 40 Transaction Column values and purchase transactions can have a completely different 40 Transaction Body values and 40 Transaction Column values.
- A different set of attributes can be mapped for each of your subsidiaries.

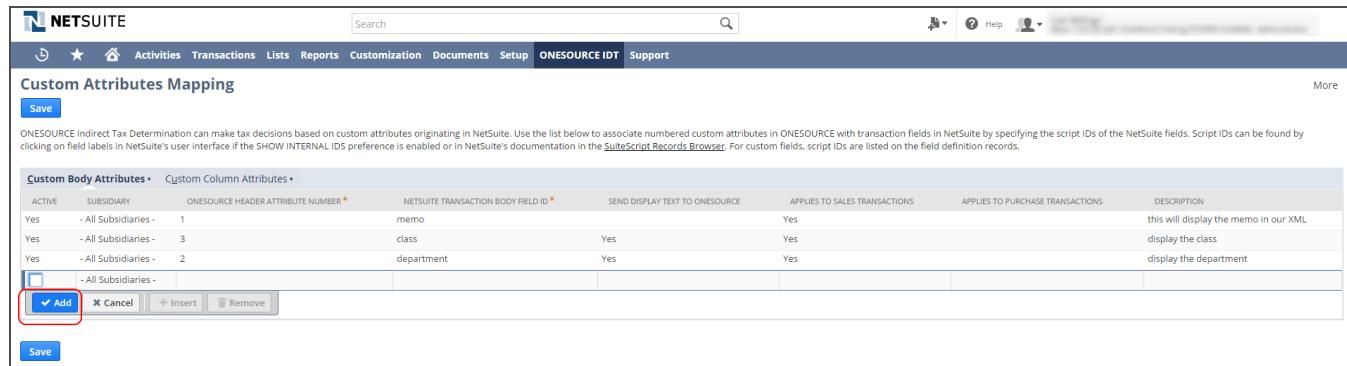
MAP CUSTOM ATTRIBUTES

1. Go to **ONESOURCE IDT > Setup > Map Custom Attributes**.



2. Go to **Custom Body Attributes**.

3. Select Add.



NETSUITE

Activities Transactions Lists Reports Customization Documents Setup **ONESOURCE IDT** Support

Custom Attributes Mapping

ONESOURCE Indirect Tax Determination can make tax decisions based on custom attributes originating in NetSuite. Use the list below to associate numbered custom attributes in ONESOURCE with transaction fields in NetSuite by specifying the script IDs of the NetSuite fields. Script IDs can be found by clicking on field labels in NetSuite's user interface if the SHOW INTERNAL IDS preference is enabled or in NetSuite's documentation in the [SuiteScript Records Browser](#). For custom fields, script IDs are listed on the field definition records.

Custom Body Attributes •	Custom Column Attributes •						
ACTIVE	SUBSIDIARY	ONESOURCE HEADER ATTRIBUTE NUMBER *	NETSUITE TRANSACTION BODY FIELD ID *	SEND DISPLAY TEXT TO ONESOURCE	APPLIES TO SALES TRANSACTIONS	APPLIES TO PURCHASE TRANSACTIONS	DESCRIPTION
Yes	- All Subsidiaries -	1	memo	Yes	Yes		this will display the memo in our XML
Yes	- All Subsidiaries -	3	class	Yes	Yes		display the class
Yes	- All Subsidiaries -	2	department	Yes	Yes		display the department
<input type="checkbox"/>	- All Subsidiaries -						
<input style="border: 1px solid red; border-radius: 5px; padding: 2px 10px; margin-right: 5px;" type="button" value="▼ Add"/> <input style="border: 1px solid #ccc; border-radius: 5px; padding: 2px 10px; margin-right: 5px;" type="button" value="× Cancel"/> <input style="border: 1px solid #ccc; border-radius: 5px; padding: 2px 10px; margin-right: 5px;" type="button" value="+ Insert"/> <input style="border: 1px solid #ccc; border-radius: 5px; padding: 2px 10px;" type="button" value="Remove"/>							
<input style="background-color: #0070C0; color: white; border: 1px solid #0070C0; border-radius: 5px; padding: 5px 10px;" type="button" value="Save"/>							

4. Enter the information for your custom attribute using the following table as reference:

CUSTOM BODY ATTRIBUTES FIELDS	
FIELD	DESCRIPTION
ACTIVE	Select this check box to make the mapping active. You can have identical mappings as long as only one is active.
SUBSIDIARY	Select the subsidiary that the mapping will apply to, or select All Subsidiaries to apply the mapping to all of your subsidiaries. If you want an attribute to apply to some, but not all, of your subsidiaries create the attribute for each of those subsidiaries using the same ONESOURCE HEADER ATTRIBUTE NUMBER .
ONESOURCE HEADER ATTRIBUTE NUMBER	The ONESOURCE HEADER ATTRIBUTE NUMBER lets you know how many attributes are in use and allows you to keep track of active configurations. Numbers can be reused as long as your configuration is unique (Subsidiary, Sales vs. Purchase Transaction) or the duplicate is not active.
NETSUITE TRANSACTION BODY FIELD ID	Enter the Internal ID of the field value you wish to send to Determination. If your field is List/Record you may also select the next option.  See Locating the Internal ID (page 87) below for assistance finding the Internal ID .
SEND DISPLAY TEXT TO ONESOURCE	Fields populated by List/Record values (such as Partner) can send the displayed value rather than the Internal ID of the record in the field mapping. Select the check box in this row to send the displayed value. For example, Ohio Widget Sales is a partner and has a record with Internal ID 5366 . If SEND DISPLAY TEXT TO ONESOURCE is selected, the mapping will send Ohio Widget Sales rather than 5366 .
APPLIES TO SALES TRANSACTIONS	Select this check box if the mapping applies to sales transactions.  One mapping can apply to both sales and purchase transactions.

CUSTOM BODY ATTRIBUTES FIELDS

FIELD	DESCRIPTION
APPLIES TO PURCHASE TRANSACTIONS	Select this check box if the mapping applies to purchase transactions. One mapping can apply to both sales and purchase transactions.
DESCRIPTION	Use this optional field to help classify your mappings.

5. Go to **Custom Column Attributes**.

6. Select **Add**.

Custom Attributes Mapping

Save More

The ONE SOURCE Indirect Tax Determination Engine can make tax decisions based on custom attributes originating in NetSuite. Use the list below to associate numbered custom attributes in ONE SOURCE with transaction fields in NetSuite by specifying the script IDs of the NetSuite fields. Script IDs can be found by clicking on field labels in NetSuite's user interface if the SHOW INTERNAL IDS preference is enabled or in NetSuite's documentation in the SuiteScript Records Browser. For custom fields, script IDs are listed on the field definition records.

Custom Body Attributes		Custom Column Attributes									
ACTIVE	SUBSIDIARY	ONESOURCE LINE ATTRIBUTE NUMBER	NETSUITE TRANSACTION COLUMN FIELD ID	SEND DISPLAY TEXT TO ONE SOURCE	APPLIES TO SALES TRANSACTIONS	APPLIES TO PURCHASE TRANSACTIONS	DESCRIPTION				
Yes	- All Subsidiaries -	1	price	Yes	Yes	Yes	price level at line				
Yes	- All Subsidiaries -	2	costestimatetype	Yes	Yes	Yes	cost estimate type				
<input type="checkbox"/> - All Subsidiaries - <input type="button" value="▼ Add"/> <input type="button" value="× Cancel"/> <input type="button" value="+ Insert"/> <input type="button" value="Remove"/>											

Save

7. Enter the information for your attribute using the following table as reference:

CUSTOM COLUMN ATTRIBUTES FIELDS	
FIELD	DESCRIPTION
ACTIVE	Select this check box to make the mapping active. You can have identical mappings as long as only one is active.
SUBSIDIARY	Select the subsidiary that the mapping will apply to, or select All Subsidiaries to apply the mapping to all of your subsidiaries. If you want an attribute to apply to some, but not all of your subsidiaries, create the attribute for each of those subsidiaries using the same ONESOURCE LINE ATTRIBUTE NUMBER .
ONESOURCE LINE ATTRIBUTE NUMBER	The ONESOURCE LINE ATTRIBUTE NUMBER lets you know how many attributes are in use and allows you to keep track of active configurations. Numbers can be reused as long as your configuration is unique (Subsidiary, Sales vs. Purchase Transaction) or the duplicate is not active.
NETSUITE TRANSACTION COLUMN FIELD ID	Enter the Internal ID of the field value you wish to send to Determination. If your field is List/ Record , you may also select the next option.  See Locating the Internal ID (page 87) below for assistance finding the Internal ID .
SEND DISPLAY TEXT TO ONESOURCE	Fields populated by List/Record values (such as Partner) may send the displayed value rather than the Internal ID of the record in the field mapping. Select the check box in this row to send the displayed value. For example, Ohio Widget Sales is a partner and has a record with Internal ID 5366 . If SEND DISPLAY TEXT TO ONESOURCE is selected, the mapping will send Ohio Widget Sales rather than 5366 .
APPLIES TO SALES TRANSACTIONS	Select this check box if the mapping applies to sales transactions.  One mapping can apply to both sales and purchase transactions.

CUSTOM COLUMN ATTRIBUTES FIELDS	
FIELD	DESCRIPTION
APPLIES TO PURCHASE TRANSACTIONS	Select this check box if the mapping applies to purchase transactions.  One mapping can apply to both sales and purchase transactions.
DESCRIPTION	Optional field provided to help you classify your mappings.

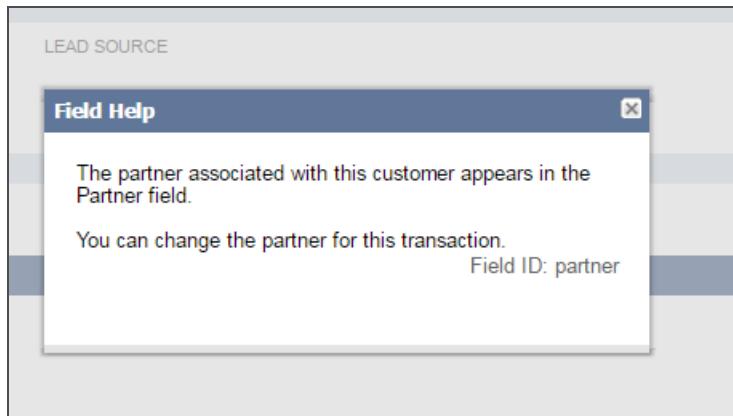
8. Select **Save**.

Locating the Internal ID

1. Go to **Home > Set Preferences**.
2. Select the **SHOW INTERNAL IDS** check box.



You can now click into field help and see the **Internal ID** of the field.



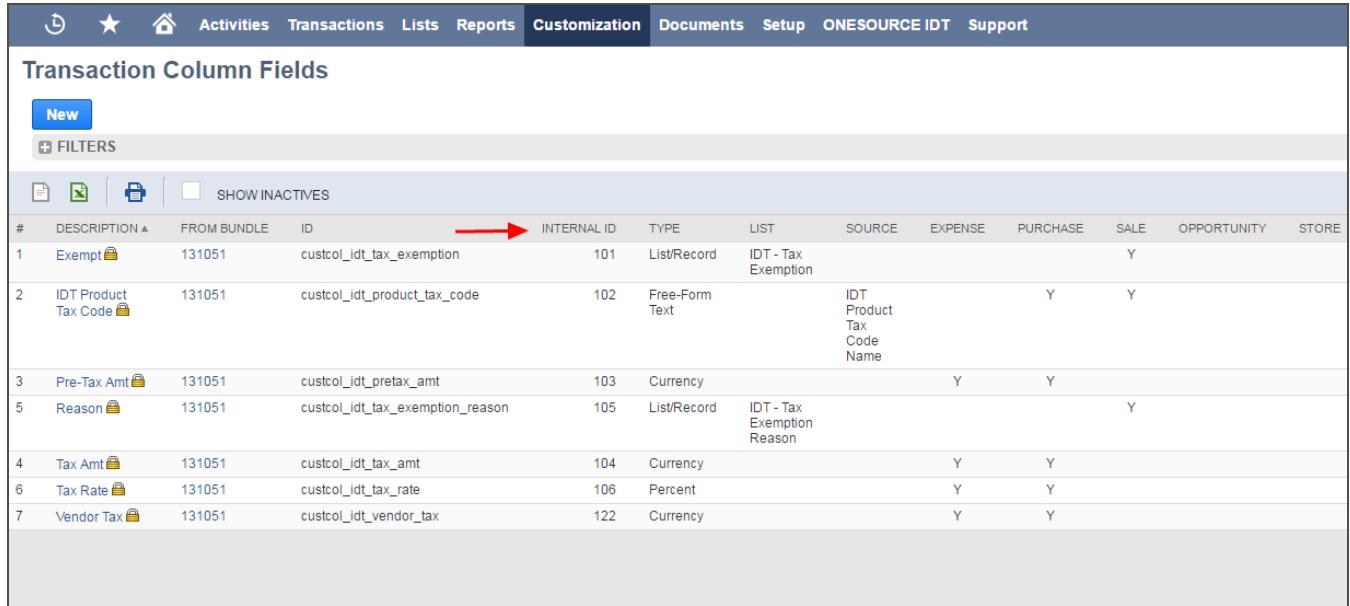
Here we have the **Partner** field on an invoice. The ID is **partner**. In your custom body mapping you would enter **partner**.

Transaction Columns can be more difficult. Since there is no field help, you must use the NetSuite **Suitescript Records** browser and find the associated sublist for the line type you are sourcing.

If you have created **Custom Transaction Column** fields you can look up their **Internal ID** provided you have access to customizations.

3. Go to **Customization > Lists, Records, & Fields > Transaction Column Fields**.

4. See the **INTERNAL ID** column to find the **Internal ID**.



#	DESCRIPTION	FROM BUNDLE	ID	INTERNAL ID	TYPE	LIST	SOURCE	EXPENSE	PURCHASE	SALE	OPPORTUNITY	STORE
1	Exempt 	131051	custcol_idt_tax_exemption	101	List/Record	IDT - Tax Exemption				Y		
2	IDT Product Tax Code 	131051	custcol_idt_product_tax_code	102	Free-Form Text	IDT Product Tax Code Name			Y	Y		
3	Pre-Tax Amt 	131051	custcol_idt_pretax_amt	103	Currency			Y	Y			
5	Reason 	131051	custcol_idt_tax_exemption_reason	105	List/Record	IDT - Tax Exemption Reason				Y		
4	Tax Amt 	131051	custcol_idt_tax_amt	104	Currency			Y	Y			
6	Tax Rate 	131051	custcol_idt_tax_rate	106	Percent			Y	Y			
7	Vendor Tax 	131051	custcol_idt_vendor_tax	122	Currency			Y	Y			

A Note Regarding the SuiteScript Records Browser

You may require assistance from your NetSuite administrator or NetSuite customer support if you are not familiar with looking up Internal ID's for **Transaction Column Fields**. A link to the **SuiteScript Records** browser is found on each attributes page and provides a direct link to the page.

IMPORTING AND EXPORTING CUSTOM ATTRIBUTES

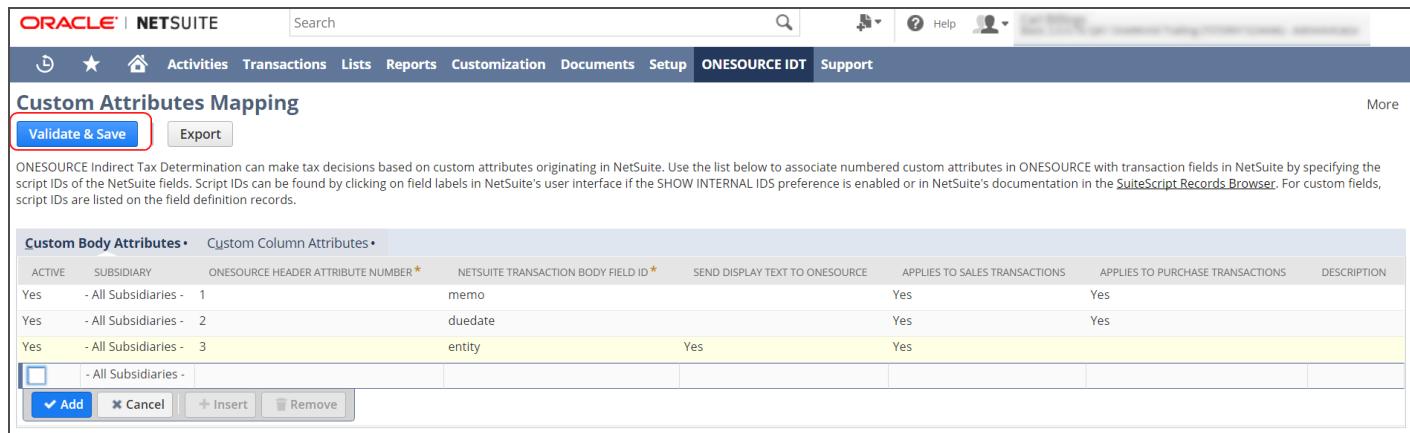
Custom attributes can be imported and exported from ONESOURCE IDT using the procedures described below.

Import Custom Attributes

You can expedite your implementation by importing Custom Attribute Mappings using CSV Imports in the same manner as any Custom Record.

To assign the chosen Custom Attribute Mapping to **-All Subsidiaries-** simply leave the column blank.

After performing a CSV Import of custom attributes, you should go back to the **Custom Attributes Mapping** configuration page and select **Validate & Save** to verify there are no duplicate mappings.



Custom Attributes Mapping

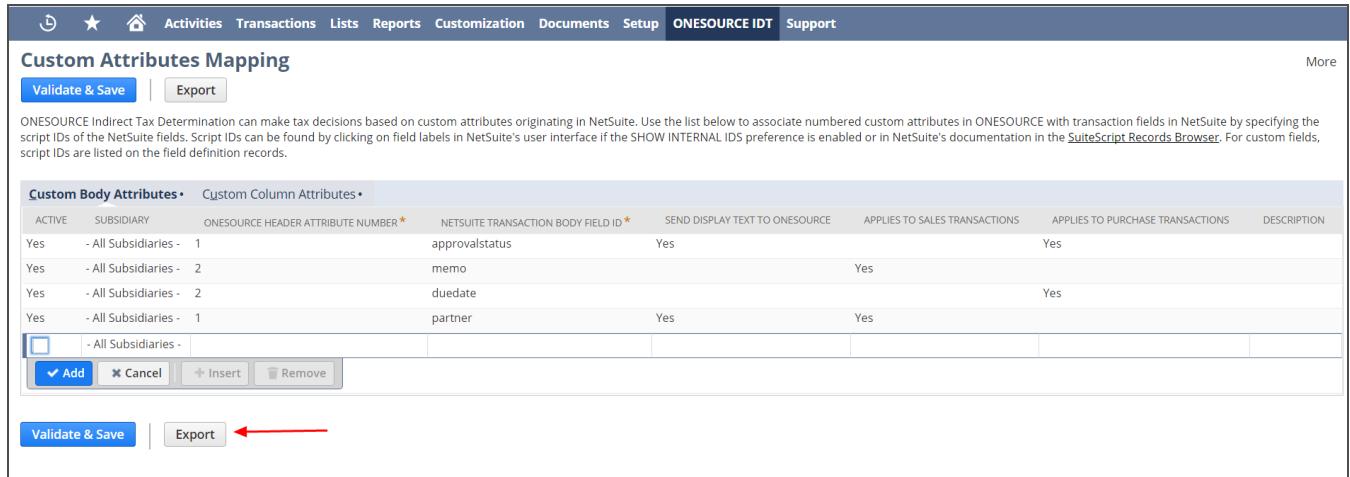
Custom Body Attributes		Custom Column Attributes					
ACTIVE	SUBSIDIARY	ONESOURCE HEADER ATTRIBUTE NUMBER *	NETSUITE TRANSACTION BODY FIELD ID *	SEND DISPLAY TEXT TO ONESOURCE	APPLIES TO SALES TRANSACTIONS	APPLIES TO PURCHASE TRANSACTIONS	DESCRIPTION
Yes	- All Subsidiaries -	1	memo	Yes	Yes	Yes	
Yes	- All Subsidiaries -	2	duedate	Yes	Yes	Yes	
Yes	- All Subsidiaries -	3	entity	Yes	Yes	Yes	
<input type="checkbox"/>	- All Subsidiaries -						
<input type="button" value="Add"/> <input type="button" value="Cancel"/> <input type="button" value="Insert"/> <input type="button" value="Remove"/>							

Export Custom Attributes

Exporting your existing values is an efficient way to analyze and update your existing values. If you intend to update values be sure that the **Preference to Show Internal ID** is enabled for your user to facilitate mapping back to the database.

1. Go to **ONESOURCE IDT > Setup > Map Custom Attributes**.

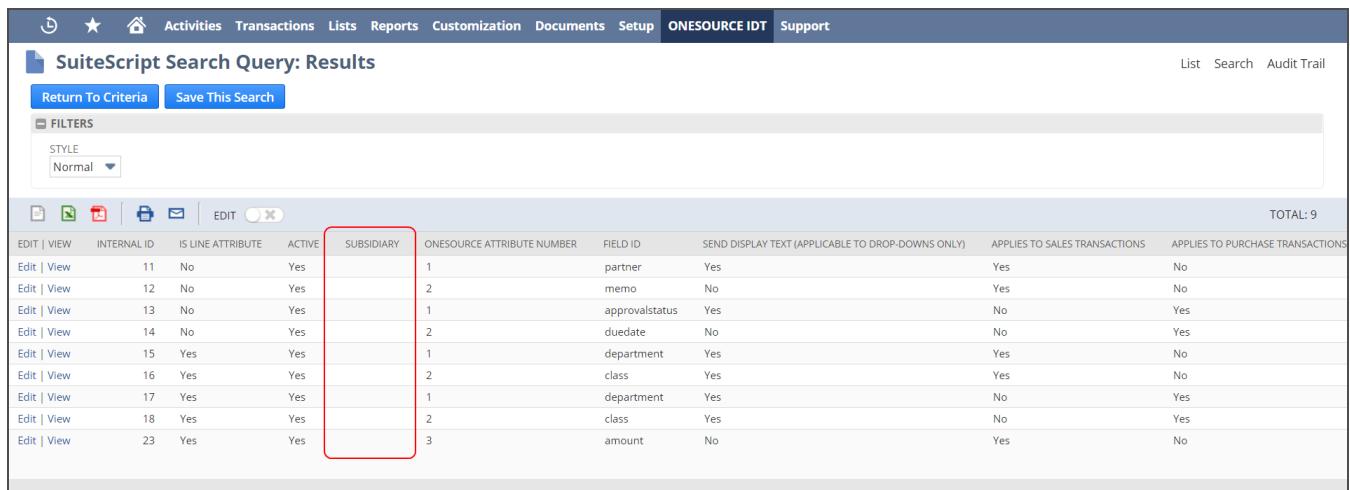
2. Select **EXPORT**.



The screenshot shows the 'Custom Attributes Mapping' page. At the top, there are buttons for 'Validate & Save' and 'Export'. The 'Export' button is highlighted with a red arrow. The main table lists custom attributes with their corresponding NetSuite field IDs and other details. The 'ACTIVE' column shows 'Yes' for all rows, and the 'SUBSIDIARY' column shows '- All Subsidiaries -' for all rows except the last one, which is empty.

Custom Body Attributes •		Custom Column Attributes •									
ACTIVE	SUBSIDIARY	ONESOURCE HEADER ATTRIBUTE NUMBER *	NETSUITE TRANSACTION BODY FIELD ID *	SEND DISPLAY TEXT TO ONESOURCE	APPLIES TO SALES TRANSACTIONS	APPLIES TO PURCHASE TRANSACTIONS	DESCRIPTION				
Yes	- All Subsidiaries -	1	approvalstatus	Yes		Yes					
Yes	- All Subsidiaries -	2	memo		Yes						
Yes	- All Subsidiaries -	2	duedate			Yes					
Yes	- All Subsidiaries -	1	partner	Yes		Yes					
	- All Subsidiaries -										
<input type="button" value="▼ Add"/> <input type="button" value="× Cancel"/> <input type="button" value="✚ Insert"/> <input type="button" value="Delete"/>											
<input type="button" value="Validate & Save"/> <input type="button" value="Export"/>											

Selecting **Export** sends you to a **SuiteScript Search Query** of your records. From here you can export using NetSuite native functionality. Please note the selection of **-All Subsidiaries-** is represented by the absence of data in the **SUBSIDIARY** column.



The screenshot shows the 'SuiteScript Search Query: Results' page. The 'SUBSIDIARY' column is highlighted with a red box. The table lists various attributes with their corresponding NetSuite field IDs and other details. The 'ACTIVE' column shows 'Yes' for all rows, and the 'SUBSIDIARY' column shows '- All Subsidiaries -' for all rows except the last one, which is empty.

EDIT VIEW	INTERNAL ID	IS LINE ATTRIBUTE	ACTIVE	SUBSIDIARY	ONESOURCE ATTRIBUTE NUMBER	FIELD ID	SEND DISPLAY TEXT (APPLICABLE TO DROP-DOWNS ONLY)	APPLIES TO SALES TRANSACTIONS	APPLIES TO PURCHASE TRANSACTIONS	TOTAL: 9
Edit View	11	No	Yes	- All Subsidiaries -	1	partner	Yes	Yes	No	
Edit View	12	No	Yes	- All Subsidiaries -	2	memo	No	Yes	No	
Edit View	13	No	Yes	- All Subsidiaries -	1	approvalstatus	Yes	No	Yes	
Edit View	14	No	Yes	- All Subsidiaries -	2	duedate	No	No	Yes	
Edit View	15	Yes	Yes	- All Subsidiaries -	1	department	Yes	Yes	No	
Edit View	16	Yes	Yes	- All Subsidiaries -	2	class	Yes	Yes	No	
Edit View	17	Yes	Yes	- All Subsidiaries -	1	department	Yes	No	Yes	
Edit View	18	Yes	Yes	- All Subsidiaries -	2	class	Yes	No	Yes	
Edit View	23	Yes	Yes	- All Subsidiaries -	3	amount	No	Yes	No	

COMPATIBILITY WITH OTHER TAX-RELATED SUITEAPPS

INTERNATIONAL TAX REPORTS (BUNDLE ID 43003)

ONESOURCE IDT can operate in environments where the International Tax Reports (ITR) bundle is installed, but the nexus (chosen by NetSuite) will determine whether Determination calculates tax or if you will be making the tax decisions based on available Tax Codes/Groups.

The integration does not populate the custom fields introduced with the ITR bundle and therefore ITR Reporting is not supported for those nexuses where Determination calculates tax. Instead, you should use ONESOURCE Reporting.

SUPPLEMENTARY TAX CALCULATION (BUNDLE ID 123426)

The Supplementary Tax Calculation (STC) bundle performs two basic functions:

- Utilizes a GL Plug-in to perform various adjustments to record non-deductible input tax in various user-defined jurisdictions.
- Executes **User Event Scripts** to modify transactions (including payment transactions) to record adjustments to taxes when **Prompt Payment Discounts** apply.

The STC bundle conflicts with ONESOURCE IDT. At this time NetSuite only allows one GL Plug-in to be used in a Subsidiary/Transaction combination. ONESOURCE IDT includes a GL Plug-in to manage various features of ONESOURCE IDT and cannot be used in any Subsidiary/Transaction combination that the STC bundle is present.

User Event Scripts conflict with ONESOURCE IDT. However, since **User Event Scripts** are configured for each nexus you can use them in any nexus where ONESOURCE IDT is not configured.

Update the Supplementary Tax Calculation Bundle Configuration

If the STC bundle is present in your NetSuite account review the configuration found at **Setup > Accounting > Prompt Payment Discount Preferences > Calculate Tax on Prompt Payment Discounts** and clear the check box for any nexus where ONESOURCE IDT is enabled.

WITHHOLDING TAX (BUNDLE ID 47459)

The Withholding Tax (WT) bundle performs simple tax calculations at the document or line-level and stores the results for payment to user-defined authorities. The WT bundle is not compatible with ONESOURCE IDT and cannot be configured to apply to any nexuses where Determination will be used to calculate tax.

Update the Withholding Tax Bundle Configuration

1. Go to **Setup > Withholding > Setup Withholding Tax > Withholding Tax Setup**.
2. Review the configured nexuses listed in the **NEXUS** column.

Withholding Tax Setup				
New				
NEXUS	AVAILABLE ON PURCHASES	DISABLE WITHHOLDING TAX IN PURCHASE ORDERS	AVAILABLE ON SALES	DISABLE WITHHOLDING TAX IN SALES ORDERS
United Kingdom	No	No	No	No
France	No	No	No	No
Mexico	No	No	No	No
United States CA	No	No	No	No

3. Clear the **AVAILABLE ON PURCHASES** and **AVAILABLE ON SALES** check boxes to disable the Withholding Tax bundle in any nexuses where it is available and you will be using Determination for tax calculation.

Withholding Tax Setup

NEXUS * United States CA

AVAILABLE ON PURCHASES DISABLE WITHHOLDING TAX IN PURCHASE ORDERS

AVAILABLE ON SALES DISABLE WITHHOLDING TAX IN SALES ORDERS

TAX POINT On Payment

APPLIES TO Total Amount

4. Select **Save**.

EDIT LOG LEVEL SETTINGS

Your ONESOURCE Professional Services implementation team may request that you edit your log level settings. The procedures in this section are provided to assist you with that process.

CONFIGURE LOGGING OPTIONS

Logging options are configured using the **IDT Configuration Assistant**.

Open the IDT Configuration Assistant

1. Go to **ONESOURCE IDT** on the menu bar.
2. Hover over **Setup**.
3. Select **Configure ONESOURCE**. The **IDT Configuration Assistant** opens.

Change the log level for ONESOURCE records

1. Select a **Subsidiary** and then go to **Step 6: System Setup** by clicking **Next** on each page of the **IDT Configuration Assistant**.
2. Use **Log Level for ONESOURCE Records** to set the debugging log level for scripts or plug-in implementations.
3. Select **Finish**.
4. Repeat for each subsidiary.

Change number of days to Display, Hide or Delete audit log records

1. Select a **Subsidiary** and then go to **Step 6: System Setup** by clicking **Next** on each page of the **IDT Configuration Assistant**.
2. Update values for the following as instructed by Professional Services. These values were previously recorded in the [Prerequisites \(page 27\)](#).
 - a. **Hide Log Messages After** - Set the number of days to display log messages.
 - b. **Delete Log Messages After** - Set the number of days to keep log messages. Logs older than the selected number of days are deleted.
3. Select **Finish**.

4. Repeat for each subsidiary.

THE IDT LOG RECORD LIST

Each call to Determination is logged and includes the following **Primary Information** for each transaction sent:

- Name or Record Type
- Date Created
- Subsidiary
- Transacting Entity (Vendor or Customer)
- Log Level

The Log Details include:

- **Request** - Includes the XML data sent to Determination
- **Response** - Includes the XML data received from Determination in response to what was sent or requested
- **Timing Details** - Documents the date and time of tax calculation as well as calculation performance metrics

Access the IDT Log Record List

1. Navigate to **ONESOURCE IDT** on the menu bar.
2. Hover over **IDT Log Records**.
3. Select **Audit/Log Records**.



Visible log records are based on user permissions.

EDIT ONESOURCE CONFIGURATION RECORDS

ONESOURCE IDT configuration records can be edited directly. To begin go to **ONESOURCE IDT > Setup > ONESOURCE Configuration Table (Advanced)** and select the record to be edited from the list.

In our example we will select the **Canada Company**. In the **NAME** field we can see that this configuration record inherits the Global settings (which is **INTERNAL ID 3** in the list).

INTERNAL ID	NAME
3	Global Configuration
1	Parent Company - Inherits Global
2	Parent Company : Canada Company - Inherits Global
4	Parent Company : Sweden Sub - Inherits Global
5	Parent Company : United Kingdom - Inherits Global

Let's view the Canada Company settings:

The first tab, **Subsidiary Selection**, shows the subsidiary that is associated with the configuration. As expected, it shows **Canada Company**. This tab also shows that this configuration will inherit the Global Configuration.

The IDT Log Record List

The second tab, **Enable ONESOURCE**, shows the countries enabled for this configuration (AT,BE,CA,DZ,FR,GB,SE,US).

IDT - ONESOURCE Configuration

Parent Company : Canada Company - Inherits Global

Save **Cancel** **Reset** | **Actions**

CUSTOM FORM *
Subsidiary Configuration (Inherited)

NAME *
Parent Company : Canada Company - Inherits Global

Subsidiary Selection **Enable ONESOURCE** **Production Setup** **Non-Production Setup** **System Information**

ENABLED COUNTRY LIST FOR SALES **ENABLED COUNTRY LIST FOR PURCHASES**

Save **Cancel** **Reset** | **Actions**

To make changes to this subsidiary, we first need to update the form to see which fields can be edited. To begin switch the Custom Form to Subsidiary Configuration (Non- Inherited). We have a number of options to choose from. Make your desired changes.

IDT - ONESOURCE Configuration

Parent Company : Canada Company - Inherits Global

Save **Cancel** **Reset** | **Actions**

CUSTOM FORM *
Subsidiary Configuration (Non-Inherited)

NAME *
Parent Company : Canada Company - Inherits Global

Subsidiary Selection **Enable ONESOURCE** **Production Setup** **Non-Production Setup** **Product Taxability Setup** **Accounting Setup** **System Setup** **Advanced Options** **System Information**

Tax Calculation

PRODUCTION TAX CALCULATION ENABLED
PRODUCTION TAX CALCULATION URL

PRODUCTION TAX CALCULATION USER NAME

PRODUCTION TAX CALCULATION PASSWORD

PRODUCTION TAX CALCULATION COMPANY ID

Address Validation

PRODUCTION US ADDRESS VALIDATION ENABLED
PRODUCTION ADDRESS VALIDATION URL

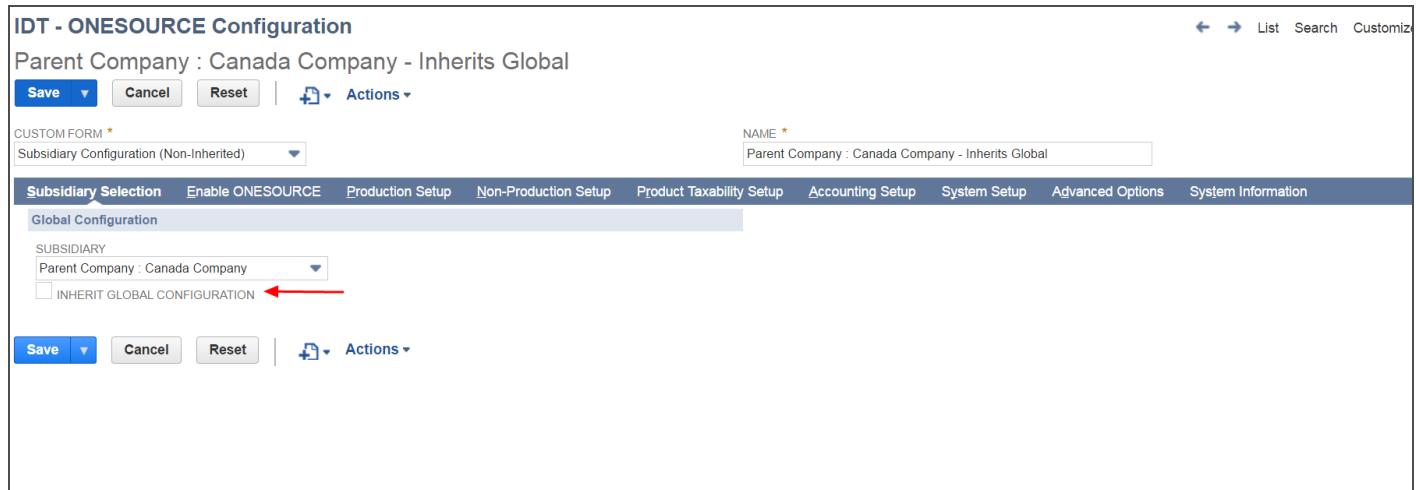
PRODUCTION ADDRESS VALIDATION USER NAME

PRODUCTION ADDRESS VALIDATION PASSWORD

PRODUCTION ADDRESS VALIDATION COMPANY ID

Save **Cancel** **Reset** | **Actions**

Go back to the first tab and deselect **INHERIT GLOBAL CONFIGURATION**. This will allow this configuration to stand alone. Otherwise the integration will use the Global Configuration record ignoring your edits.



The screenshot shows the 'IDT - ONESOURCE Configuration' interface. The title bar indicates the current screen is 'Edit ONESOURCE Configuration Records'. The main content area shows a configuration record for 'Parent Company : Canada Company - Inherits Global'. The 'Global Configuration' tab is selected. In the 'Global Configuration' section, there is a 'SUBSIDIARY' dropdown set to 'Parent Company : Canada Company' and a checkbox labeled 'INHERIT GLOBAL CONFIGURATION' which is checked. A red arrow points to this checked checkbox. The top navigation bar includes buttons for 'Save', 'Cancel', 'Reset', and 'Actions'. The bottom navigation bar includes links for 'Subsidiary Selection', 'Enable ONESOURCE', 'Production Setup', 'Non-Production Setup', 'Product Taxability Setup', 'Accounting Setup', 'System Setup', 'Advanced Options', and 'System Information'.

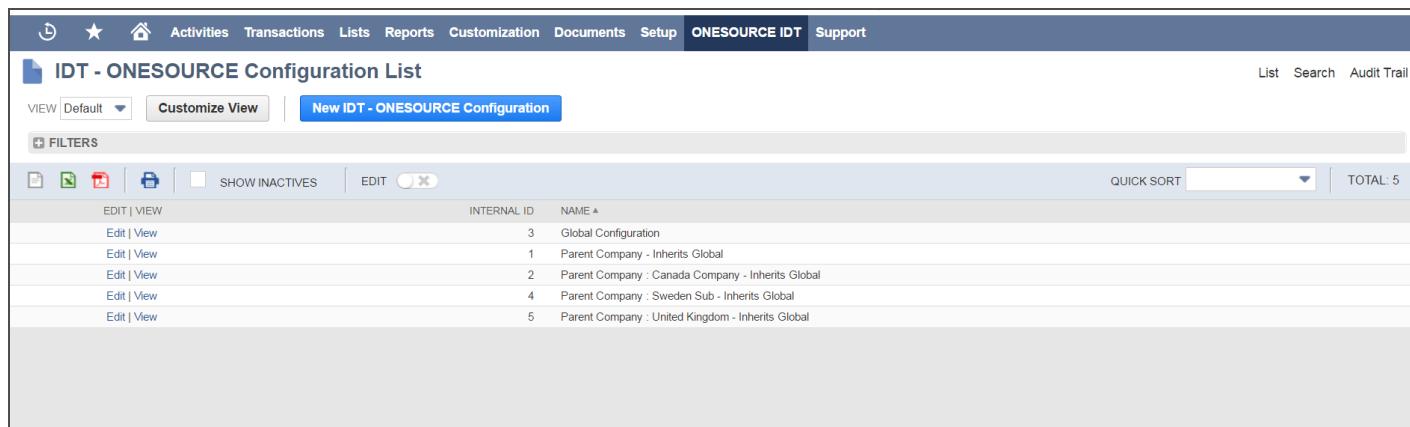
Save the record once the editing is complete.

IMPORT OR EXPORT SUBSIDIARY CONFIGURATIONS

Implementing or simply updating your configuration by subsidiary can be handled by CSV Import to enable clients to review configurations offline, suggest and make changes to the configuration record and then import those changes with immediate effect.

EXPORTS

To export existing IDT – ONESOURCE Configuration records go to **ONESOURCE IDT > Setup > ONESOURCE Configuration Table (Advanced)** and view the list of existing configuration records. You will need to edit the view to include the results you wish to edit. Next export the file in your preferred format. If you intend to import changes made from this file its best to expose the Internal ID of these records.



The screenshot shows a NetSuite application interface for managing IDT - ONESOURCE Configuration. The top navigation bar includes links for Activities, Transactions, Lists, Reports, Customization, Documents, Setup, and the current module, ONESOURCE IDT. Below the navigation is a sub-module header for 'IDT - ONESOURCE Configuration List'. The main content area is a table with the following data:

	INTERNAL ID	NAME
Edit View	3	Global Configuration
Edit View	1	Parent Company - Inherits Global
Edit View	2	Parent Company : Canada Company - Inherits Global
Edit View	4	Parent Company : Sweden Sub - Inherits Global
Edit View	5	Parent Company : United Kingdom - Inherits Global

IMPORTS

Import the file using standard NetSuite CSV import functionality.

1. Go to **Setup > Import /Export> Import CSV Records**.
2. In the **IMPORT TYPE** field select **Custom Records**.
3. In the **RECORD TYPE** field select **IDT – ONESOURCE Configuration**.
4. Select your file.

5. Select **Next**.

Import Assistant

Scan & Upload CSV File

STEPS

1 Scan & Upload CSV File

2 Import Options

3 File Mapping

4 Field Mapping

5 Save mapping & Start Import

IMPORT TYPE: Custom Records

Choose the category of data to import.

RECORD TYPE: IDT - ONESOURCE Configuration

Choose the record type of data to import.

CHARACTER ENCODING: Western (Windows 1252)

Choose another character encoding format if you use an international or Macintosh version of Microsoft Excel, or if you typically use special characters.

CSV COLUMN DELIMITER: Comma

Select the symbol to be used as a column separator in the CSV files you import. This setting overrides the column separator preference specified at Home > Set Preferences.

CSV File(s)

ONE FILE TO UPLOAD

MULTIPLE FILES TO UPLOAD

Choose whether to import data from a single file or multiple files, and click the Select button(s) to browse to the file(s) to be uploaded.

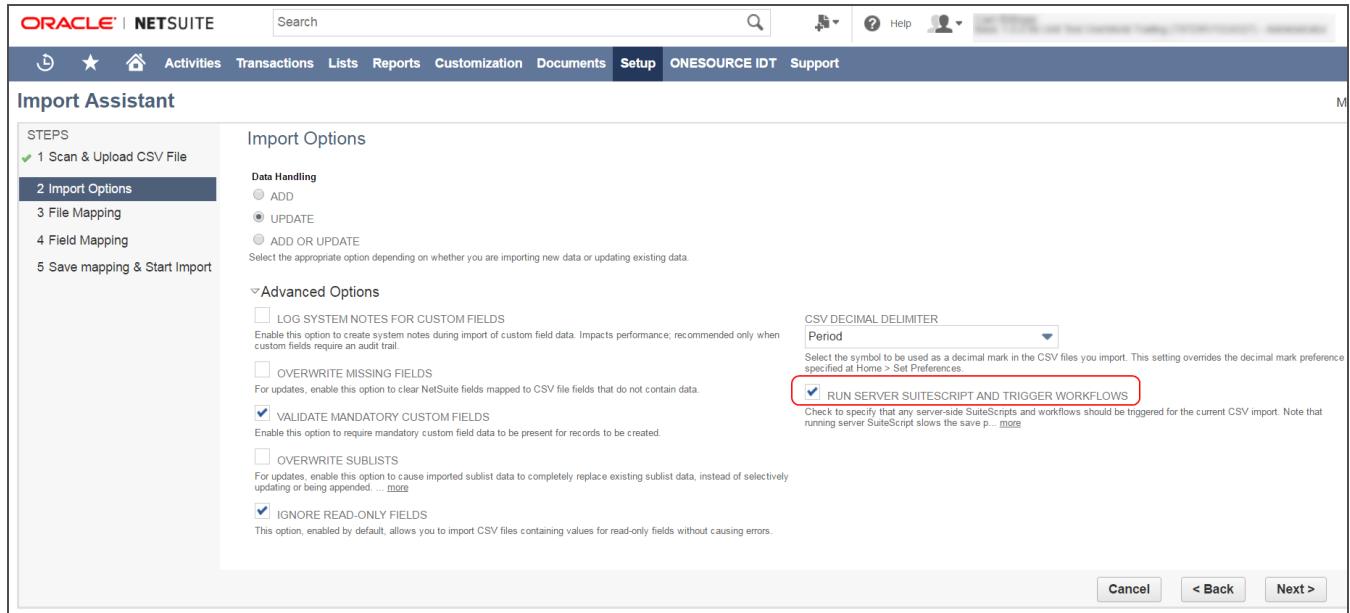
Select...

Cancel < Back Next >

6. On the **Import Options** screen select one of the following options under **Data Handling**:

- **ADD** To create new configuration records from this file.
- **UPDATE** To update existing records in NetSuite that match the Internal ID's found in this file.

7. Select **RUN SERVER SUITESCRIPT AND TRIGGER WORKFLOWS**. This must be selected to enable the configuration record updates.



All other field mapping follows normal CSV Import procedures.

NEW IDT TAX CONTROL ACCOUNTS

When configuring ONE SOURCE IDT new Tax Control accounts may be created to support the new Tax Codes implemented. These accounts are required by the integration and should not be deleted. You can however edit the Tax Codes they apply to so that they use your preferred Tax Control Accounts.

These accounts are identified by a check applied on either custom field below:

- IDT – DEFAULT EXPENSE ACCOUNT
- IDT – DEFAULT LIABILITY ACCOUNT

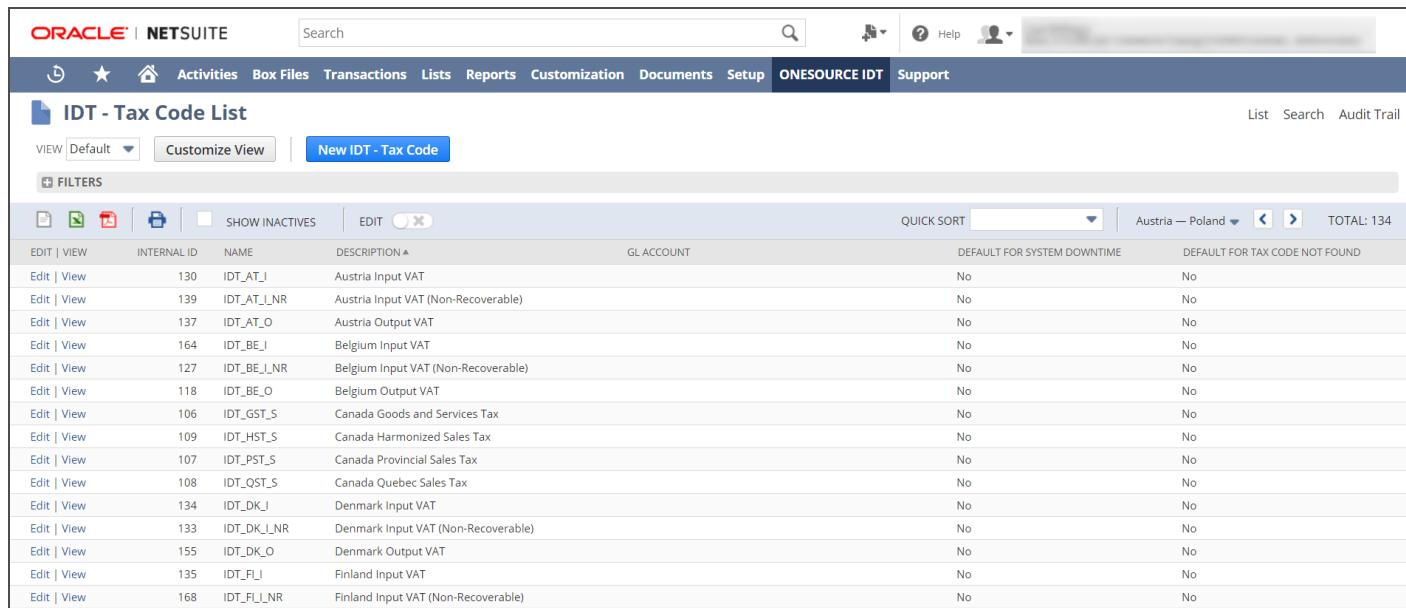
TAX CODE QUALIFIERS

ONESOURCE IDT allows for detailed General Ledger postings. These postings are performed by a GL Plug-in when the record is saved, however configuration is required in both Determination and ONESOURCE IDT 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 **Tax Code**. This **Tax Code** is returned in the tax result. For more information on how to configure **Static Tax Code Qualifiers** see Determination Help.

IDT TAX CODES

ONESOURCE IDT includes a list of default **IDT Tax Codes**. These can be found at **ONESOURCE IDT > Setup > IDT Tax Codes**. Your **IDT Tax Codes** must be created or used to match the results from Determination, so while a default is available configuration is required.



EDIT VIEW	INTERNAL ID	NAME	DESCRIPTION ▲	GL ACCOUNT	DEFAULT FOR SYSTEM DOWNTIME	DEFAULT FOR TAX CODE NOT FOUND
Edit View	130	IDT_AT_I	Austria Input VAT		No	No
Edit View	139	IDT_AT_I_NR	Austria Input VAT (Non-Recoverable)		No	No
Edit View	137	IDT_AT_O	Austria Output VAT		No	No
Edit View	164	IDT_BE_I	Belgium Input VAT		No	No
Edit View	127	IDT_BE_I_NR	Belgium Input VAT (Non-Recoverable)		No	No
Edit View	118	IDT_BE_O	Belgium Output VAT		No	No
Edit View	106	IDT_GST_S	Canada Goods and Services Tax		No	No
Edit View	109	IDT_HST_S	Canada Harmonized Sales Tax		No	No
Edit View	107	IDT_PST_S	Canada Provincial Sales Tax		No	No
Edit View	108	IDT_QST_S	Canada Quebec Sales Tax		No	No
Edit View	134	IDT_DK_I	Denmark Input VAT		No	No
Edit View	133	IDT_DK_I_NR	Denmark Input VAT (Non-Recoverable)		No	No
Edit View	155	IDT_DK_O	Denmark Output VAT		No	No
Edit View	135	IDT_FL_I	Finland Input VAT		No	No
Edit View	168	IDT_FL_I_NR	Finland Input VAT (Non-Recoverable)		No	No

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



Performance is impacted when you have more than 1000 active **IDT Tax Code** records. To deactivate unused IDT Tax Codes select the Inactive check box.

Use the following table as reference to help you create your own custom **IDT Tax Codes**.

ELEMENT	DESCRIPTION
Name	This field should match the Tax Code from your Tax Code Qualifiers list in Determination.
Description	Your own descriptive text to describe the tax result.
GL Account	Defines the GL account used to create detailed postings via the GL Plug-In. The system default posting based on the lines NetSuite Tax Code /Group will post first followed by a reversal of the tax amount of said posting by the GL Plug-In.
Default for System Downtime	This check box should only be selected for one IDT Tax Code . This will be the IDT Tax Code and GL account used when the tax response communicates that the service is unavailable.
Default for Tax Code Not Found	This check box should only be selected for one IDT Tax Code . This will be the IDT Tax Code and related GL account used when the tax response returns a tax code from Determination that does not match any records in your NetSuite account. If this result is found in your account you should attempt to reconcile the results and create the needed IDT Tax Code to complete the configuration.

TAX SERVICE DOWNTIME

In the rare instances when Determination is unavailable, ONESOURCE IDT provides your company with the ability to continue processing transactions. For purchase transactions, the system will save the transaction and warn the user that Determination is unavailable. For sales transactions, subsidiaries can be individually configured to handle this situation in one of three ways:

1. Never allow **Save**.
2. Allow **Save** for non-posting transactions only.
3. Allow **Save** for all transactions.

A default tax rate for use during tax service downtime is selected during subsidiary configuration. Administrators have the option of specifying default tax rates for each country/nexus that override the subsidiary's default rate. Please note that the default tax rates for countries are account-wide and not restricted to a particular subsidiary.

When a user saves a transaction and the default rate is applied, the following message is displayed: "Tax Service Unavailable. The default tax rate for nexus/country US was applied. You can either leave the default rate as-is or return to the transaction and calculate tax when the tax service becomes available again."



The screenshot shows the NetSuite web interface. At the top, there is a navigation bar with the NetSuite logo, a search bar, and a magnifying glass icon. Below the navigation bar, there is a green header bar with a checkmark icon and the text "Confirmation Transaction successfully Saved". The main content area has a title "Tax Service Unavailable" and two buttons: "Re-Process Transaction" and "View Transaction". Below the main content, there is a note: "The default tax rate for nexus/country US was applied. You can either leave the default rate as-is or return to the transaction and calculate tax when the tax service becomes available again." At the bottom, there is a small note: "TRANSACTION Invoice #53".

Once Determination is available you have the following options:

- Leave the transaction as-is with the tax calculated using the default rate.
- Edit and re-save the transaction to re-calculate tax.

USING THIRD-PARTY INTEGRATIONS WITH ONESOURCE

This section describes the requirements for calculating tax when using third-party integrations.

Requirements for Third Party Integrations

ONESOURCE IDT enables NetSuite clients to calculate and store use tax values on purchase transactions within the United States. This is performed in part with added customization at the transaction line level as well as a main body field.

United States purchase transactions created using third-party integrations will not use the ONESOURCE tax service if the custom transaction column field **custcol_idt_pretax_amt** has not been populated. These transactions can be saved but are not sent to determination, nor may they be edited to force them to use ONESOURCE after the initial save.