ONESOURCE™ INDIRECT TAX DETERMINATION

RELEASE NOTES

VERSION 5.12.4.0

Document Version 23

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DOCUMENT HISTORY

VERSION NUMBER	VERSION DATE	SUMMARY
1	August 2019	Initial release.
2	September 2019	Added TE-4239- Canada - tax block for origin in GST and HST in 5.12.0.0 Addressed Issues.
3	September 2019	Updated document to add 5.12.1.0 version Release Notes.
4	September 2019	Corrected the document by removing a duplicated entry that was inadvertently included as part of 5.12.0.0 when it only belonged in the 12.5.1.0 section.
5	September 2019	Updated document to add 5.12.1.1 version Release Notes.
6	October 2019	Updated the document to add 5.12.1.2 version Release Notes.
7	January 2020	Updated the document to add 5.12.1.3 version Release Notes.
8	April 2020	Updated the document to add 5.12.1.4 version Release Notes.
9	July 2020	Updated the document to add 5.12.2.0 version Release Notes.
10	July 2020	Updated the document to make (TE-10209 & TE-10513) clearer. Also, changed the order of the topics in Addressed Issues. Removed TE-10325; This will be addressed later.
11	September 2020	Updated the document to add 5.12.2.1 version Release Notes.
12	March 2021	Updated the document to add 5.12.2.3. (There was no 5.12.2.2 Release Notes).

VERSION NUMBER	VERSION DATE	SUMMARY
13	May 2021	Updated the document to add 5.12.3.0 version Release Notes.
14	June 2021	Correction to EU One Stop Shop (OSS) (TE-11114, TE-11115, TE-11118, TE-11119, TE-11120).
15	July 8, 2021	• Updated to include issues addressed in version 5.12.3.1. • Updated the 5.12.3.0 Release Notes to include a link to an article for setting up EU OSS.
16	September 2021	Added the 5.12.2.3.2 Release Notes.
17	December 15, 2021	Added the 5.12.3.3 Release Notes.
18	December 23, 2021	Added 5.12.3.4 Release Notes.
19	January 7, 2022	Added the 5.12.3.5 Release Notes.
20	February 17, 2022	Added the 5.12.3.6 Release Notes.
21	April 25, 2022	Added the 5.12.3.7 Release Notes.
22	July 12, 2022	Added the 5.12.3.8 Release Notes.
23	October 10, 2022	Added the 5.12.4.0 Release Notes

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DETERMINATION 5.12.4.0 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.4.0 includes the addressed issues detailed below.

NEW FEATURES

There are no new features in this release.

ADDRESSED ISSUES

The topics below describe issues addressed with this release.

AuditInvoice Servlet Fails Against Oracle 19c (351578)

The system raised an exception when an invoice was searched using the Sabrix Audit Invoice Query tool. This issue is fixed.

Incorrect Document Rounding for Reverse Charge Transactions (499720)

ONESOURCE Determination was incorrectly rounding reverse charge lines when a reverse charge line was included along with other forward charge lines in a document. This occurred when document rounding was enabled, and impacted both input and output tax blocks of the line(s) subject to reverse charge.

This issue is resolved. ONESOURCE Determination now correctly applies rounding only to the forward charge tax amounts.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.8 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.8 includes the new feature and addressed issues detailed below.

NEW FEATURES

The topic below describes the features added with this release.

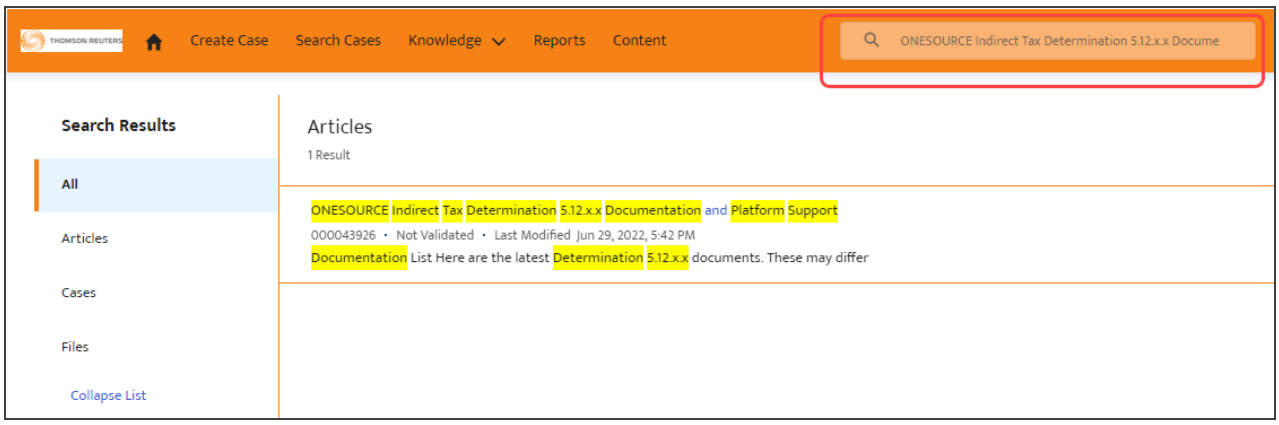
System Security Update – Removal of Log4j Library (TE-11678)

As a part of this release, Log4J 1.x or 2.x is now excluded from the .ear and .war files in Determination. The ESAPI log back mechanism is used instead.

Time Eviction Cache (TE-11502)

Time based cache eviction is the suggested way of clearing cache for Determination customers who have the application running on clustered nodes. As such, support for this is now available.

This is not the default cluster configuration offered by the application. For those customers who want to follow this, see the Installation Guides for details on how to configure your cluster for time based cache eviction. To find the Installation Guides, use the ONESOURCE Indirect Tax Help and Support page to sign in and search for the "ONESOURCE Indirect Tax Determination 5.12.x.x Documentation and Platform Support" knowledge article. The following graphic shows where to enter a search term for a knowledge article:



ADDRESSED ISSUES

The topics below describe issues addressed with this release.

Mismatch in TAX_AMOUNT Field in Workbench Results and XML Output Compared to Database Tables (TE-11673)

An issue was identified where, in some cases, the amounts in the TAX_AMOUNT field in the audit database were inconsistent with the Workbench results and XML output. This resulted in minor rounding variances. This issue was corrected for all International, Brazil and Canada scenarios so that the correct values are stored in the audit database. U.S. scenarios were not impacted by this issue.

JBoss Error on System Upgrade (TE-11736)

As part of upgrading the application version to 5.12.3.7, during steps followed to deploy the application, there was an error coming up on JBoss App Server & Linux OS platform combinations. This has now been addressed so that the deployment of the application moves on without errors.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.7 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.7 includes the new feature and addressed issues detailed below.

NEW FEATURES

The topic below describes the feature added with this release.

Spring Framework Upgraded – System Security Update (TE-11634)

The Spring4Shell library in Original Determination is now upgraded to version 5.2.21.

ADDRESSED ISSUES

The topics below describe issues addressed with this release.

Corrections in GCC Logic for Transaction Type Goods (TE-11627)

The logic for certain GCC transactions with a Transaction Type of GS (Goods) was changed in a previous release. The new logic will be effective from July 1, 2022. Certain issues with the new logic, such as incorrect message descriptions and the non-application of buyer registration numbers for certain scenarios, were corrected.

The issue with the FAILED_TO_CALCULATE_TAX error for Intra-GCC B2B Goods transactions where the seller and buyer are in different GCC countries and both are VAT registered in their respective countries is now fixed.

Correction in GCC Logic for Transaction Type Default Services (TE-11624)

The DS (Default Services) Transaction Type logic for Intra-GCC sales and purchase transactions was changed in a previous release. The new logic will be effective from July 1, 2022. Under the new logic, the FAILED_TO_CALCULATE_TAX error was incorrectly returned with blank supply address elements. Under the revised logic, the supply address elements are optional for Intra-GCC transactions with a DS Transaction Type.

The tax type for Intra-GCC sales transactions was changed from Zero Rated Exports (ZE) to Zero Rated (ZR).

Correction in GCC Logic for Transaction Type Physical Performance (TE-11628)

The logic for certain GCC transactions with Transaction Type PP (Physical Performance) was changed in the previous release. The new logic will be effective from July 1, 2022. The new logic requires the Seller Primary, Buyer Primary and Supply address elements for tax calculations with the PP Transaction Type. This logic was revised to make Seller Primary and Buyer Primary address elements optional.

Correction in GCC Logic for Transaction Type Transport Services (TE-11629)

The logic for certain GCC transactions with Transaction Type TS (Transport Services) was changed in the previous release. The new logic is effective from July 1, 2022. The messages for certain transactions that were incorrect under the new logic were corrected.

Incorrect Tax Results Due to Non-Validation of Bahrain and Oman Registration Numbers (TE-11648)

The system was not validating Bahrain and Oman registration numbers passed in the transaction against the registration mask maintained in the respective authorities. As a result, incorrect tax results were returned without displaying any error message for transactions with invalid registration numbers. This issue is fixed.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.6 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.6 includes addressed issues and introduces the following features:

- Recalculate Total Tax Amount
- Removal of log4j-jcl-2.5.jar file

NEW FEATURES

The topic below describes the feature added with this release.

Recalculate Total Tax Amount (TE-11276 and TE-11442)

The value in the TOTAL_TAX_AMOUNT field at the line level was derived by rounding the aggregate of all unrounded tax amounts of all the tax authorities applicable for a line. This logic was changed. Now, the rounded tax amounts of all the authorities applicable for a line are aggregated to derive the line level TOTAL_TAX_AMOUNT.

Old Logic:

TOTAL_TAX_AMOUNT = Rounding of (sum of unrounded <TAX_AMOUNT><UNROUNDED_DOCUMENT_AMOUNT> per Authority)

New Logic:

TOTAL_TAX_AMOUNT = Sum of rounded tax amount <TAX_AMOUNT><DOCUMENT_AMOUNT> per Authority

The prevailing logic for the TOTAL_TAX_AMOUNT field at the document or invoice level (aggregating values in the TOTAL_TAX_AMOUNT field of all lines in the document) remains unchanged.

Removal of Log4j-jcl-2.5.jar File (TE-11504)

The log4j-jcl-2.5.jar file was removed from all areas in the Determination application because there is no dependency on this file. With this change, only the log4j 2.17.1 file is present as part of the 2.x version library of log4j.

ADDRESSED ISSUES

The topics below describe issues addressed with this release.

Change in Canada and U.S. Currency Rounding Algorithm (TE-11491, TE-11223 and TE-11532)

Transactions with U.S. tax output and USD currency or Canada tax output and CAD currency were incorrectly rounding down the tax amounts instead of rounding them to the nearest decimals in certain remote scenarios.

For example, a single authority transaction within a line:

<TAX_AMOUNT>
<DOCUMENT_AMOUNT>23.33</DOCUMENT_AMOUNT>
<UNROUNDED_DOCUMENT_AMOUNT>23.3350000000</UNROUNDED_DOCUMENT_AMOUNT>

Resulted in an inconsistent <TOTAL_TAX_AMOUNT>23.34</TOTAL_TAX_AMOUNT>.

The issue was fixed for both single authority and multiple authorities within an invoice line.

The currency rounding algorithm used in Determination can be accessed here.

Change in Canada Currency Rounding Logic for RC Transactions (TE-11500)

An issue was found with the rounding logic for transactions with Canada tax output and CAD currency. Either one of the tax blocks (input or output) involved in reverse charge (RC) or import (IM) transactions within an invoice line was adjusted with a rounding difference. This adjustment resulted in an unsuccessful posting of reverse charge documents in the source system because Determination returned unequal input and output tax amounts.

This issue is fixed so that the input and output tax amounts remain the same because the rounding differences are not adjusted with reverse charge or import transactions within a line in the invoice.

Country Prefixed Registration Number to Be Applied (TE-11415)

An issue was identified for transactions with a Default Services transaction type where the registration number with the country prefix was not correctly evaluated and applied among other registration numbers provided for in the transaction. This issue is fixed.

Document Rounding Not Supported for Hungary (Forint) (TE-11385)

An issue was identified when Hungary was enabled for Document Rounding where the Minimum Accountable Unit (MAU) of 5 was not correctly rounded by the tax engine. This issue is fixed.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.5 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.5 includes an addressed issue.

NEW FEATURES

There are no new features in this release.

ADDRESSED ISSUES

The topic below describes the issue addressed with the 5.12.3.5 release of ONESOURCE Indirect Tax Determination.

Log4j Library Upgrade - System Security Update (TE-11465)

To address the newly announced security vulnerability (CVE-2021-44832) impacting the Java logging library Apache Log4j version 2.17, an upgraded library, Log4j 2.17.1, is now available as part of this Determination version.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.4 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.4 includes an addressed issue.

NEW FEATURES

There are no new features in this release.

ADDRESSED ISSUES

The topic below describes the issue addressed with the 5.12.3.4 release of ONESOURCE Indirect Tax Determination.

Log4j Library Upgrade - System Security Update (TE-11452)

To address the newly announced security vulnerability (CVE-2021-45105) impacting the Java logging library Apache Log4j, an upgraded library Log4j 2.17.0 is now available as part of this Determination version.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.3 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.3 includes an addressed issue.

NEW FEATURES

There are no new features in this release.

ADDRESSED ISSUES

The topic below describes the issue addressed with the 5.12.3.3 release of ONESOURCE Indirect Tax Determination.

Log4j Library Upgrade - System Security Update (TE-11428)

To address the newly announced security vulnerability (CVE-2021-44228) impacting the Java logging library Apache Log4j, versions 2.14.1 and below, an upgraded library, Log4j 2.16, is now available as part of this Determination version.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.2 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.2 includes addressed issues and introduces the following features:

- New elements to support the identification of qualified line items for Domestic Reverse Charge (DRC).
- Rates can now have a tier that specifies an exemption rather than a rate or code. This was already available for the tiered rate type, and is now available for the graduated rate type.

NEW FEATURES

The topics below describe features added with this release.

Domestic Reverse Charge-Invoice Gross Amount for Qualified Line Items (TE-11262)

Domestic Reverse Charge (DRC) thresholds are required to be considered within the total invoice Gross Amount. In addition, that DRC total invoice Gross Amount threshold should consider only those line items in the invoice that qualify for DRC, and ignore those that do not. Determination now supports the identification of qualified line items for DRC by providing the following elements in **Rules**:

- The new **DRC** (Domestic Reverse Charge) check box.
- The new **INVOICE.DRC_GROSS_AMOUNT** Rule Qualifier Element.

After the two elements are set in a rule for an applicable authority, Determination groups only those line items in the transaction to check whether the threshold amount is met. This will be included as part of the standard tax content for applicable authorities (for instance, the Austria Domestic Reverse Charge) in a future release of content. Be sure to watch for the content release notice.

> Determination addressed the DRC total invoice Gross Amount in a previous version (see Support for Invoice Gross Amount (TE-10264) (page 26) for details) but that feature works when all the line items qualify for DRC, not when there is a mix of DRC and non-DRC eligible line items in the invoice.

One of the conditions for the threshold check for DRC is that all of the invoice line items should be for the same location. If some lines have locations that are different then the threshold cannot be applied because each DRC authority may have a different threshold defined. The system is not able to distinguish the threshold amount for the different authorities within the same invoice.

Identifying Exemptions on Graduated Rates (TE-11287)

Rates can now have a tier that specifies an exemption rather than a rate or code. This was already available for the tiered rate type, and is now available for the graduated rate type.

ADDRESSED ISSUES

The topics below describe the issues addressed with the 5.12.3.2 release of ONESOURCE Indirect Tax Determination.

Tax Not Being Calculated in Goods B2B Transactions when OSS Is Set Up (TE-11253)

For the Goods transaction type, setting the EU One Stop Shop (OSS) authority is applicable for only B2C transactions, and not for B2B transactions. An issue was identified where, during the period when OSS was active, the "Failed to calculate tax" error displayed for EU Intra-community dispatches (B2B goods transactions) between two EU member states.

This issue was addressed. The expected tax treatment is displayed for EU Intra-community dispatches even if the OSS set up is activated.

Filing Authority Not Populated for OSS Transaction (TE-11206)

The EU country where OSS was set up becomes the reporting authority, and the authority's name did not display in the FILING_AUTHORITY_NAME audit database field for B2C Goods transactions. This issue was addressed.

Incorrect Unrounded Tax Amount (TE-11274)

An issue was identified where both UNROUNDED_DOCUMENT_AMOUNT and DOCUMENT_AMOUNT of <TAX_AMOUNT> were adjusted when document rounding is enabled. This was addressed. <UNROUNDED_DOCUMENT_AMOUNT> remains the same even if the DOCUMENT_AMOUNT is adjusted.

Correct Document Rounding for Transaction Lines with Multiple Authorities in Turkey (TE-11272)

An issue was identified where document rounding did not return correct values for a Turkish transaction involving multiple authorities. This issue was addressed when document rounding is enabled for Turkey.

The Exempted Amount Displayed under the Taxable Basis (TE-11273)

This issue is related to Identifying Exemptions on Graduated Rates (TE-11287) (page 18). When the **Exempt** check box is selected for graduated rates, the exempt amount is displayed under both the TAXABLE_BASIS and EXEMPT_AMOUNT fields. This issue is addressed. The TAXABLE_BASIS is zero for transactions with an exempt graduated rate.

KNOWN ISSUES

There are no known issues in this release.

DETERMINATION 5.12.3.1 RELEASE NOTES

RELEASE HIGHLIGHTS

ONESOURCE Indirect Tax Determination version 5.12.3.1 includes only the addressed issues listed in the Addressed Issues (page 21) section.

ADDRESSED ISSUES

The topics below describe the issues addressed with the 5.12.3.1 release of ONESOURCE Indirect Tax Determination.

IOSS Authority to Be Used for Low Value Goods Transactions (TE-11187)

An issue was identified with OSS for Low Value Goods (LV) transactions (an IOSS setting) where the registration number was not picked from IOSS authority set in Tax Preferences (**Menu >System > Companies > Tax Preferences > European Union One-Stop Shop (OSS)**). This issue is fixed. The registration number is now considered in both of the following cases when the IOSS authority is set:

- If the registration number is provided at the Company level (**Menu > Company Data > Registrations**) even if it is not provided within the Transaction invoice.
- If the registration number is provided in the Transaction invoice (Workbench or request or input XML).

Date Format Corrected in Tax Preference Setup for IOSS (TE-11194)

In the company setup for IOSS (**Menu >System > Companies > Tax Preferences > European Union One-Stop Shop (OSS)**), a system message displayed to warn of an invalid date when a date before July 1, 2021 was selected for IOSS. The date format in the message was inconsistent with the other date formats in the system. This issue is fixed.

NL Results to Be Obtained for Customer Location Services from EU to Non-EU Location (TE-11169)

An issue was identified with the results of the Customer Location Services (CL) transaction type where NL was not obtained in the results. The issue is fixed. The NL result now shows if one of the following conditions match for CL transactions:

- The seller's primary and supply locations are inter-country.
- The buyer is not registered in the seller's location.
- The **UE - Used and Enjoyed** authority option is not set to **Both**.

Get NL for Non-Established Authorities in Arizona State (TE-11112)

An issue was identified for non-established authorities in the state of Arizona (AZ) where there was not an output result for the authority even though the system messages stated that the authorities were not established (USBG34). This issue is fixed. The NL result is in the output with the system messages stating USBG39.

NL to GB Movement Date (Brexit) (TE-11111)

For transactions to United Kingdom (GB) after Brexit (2021), the invoice date was considered even though the movement date was present in a transaction. This caused an incorrect tax result in the output. This issue was corrected. The movement date is correctly taken into consideration for a tax determination date after 2020.

DETERMINATION 5.12.3.0 RELEASE NOTES

Correction

In the previous Release Notes for EU One Stop Shop (OSS), it was discovered that the Registration Prefix Mask was incorrectly given as ^IM when it should have been **IM** (without the caret ^ symbol). Please see the corrected text below

EU One Stop Shop (OSS) (TE-11114, TE-11115, TE-11118, TE-11119, TE-11120)

Determination now supports OSS (One Stop Shop) regulations that take effect from July 1, 2021. For more information on OSS, please refer here – https://ec.europa.eu/taxation_customs/business/vat/new-oss-schemes_en

The OSS regulations are supported by ONESOURCE Determination for the following Transaction Types only:

- Goods (GS)
- Low Value Goods (LV)
- Default Services (DS)
- Electronic Services (ES)
- Customer Location Services (CL)
- Physical Performance (PP)

The rest of the Transaction Types will be supported later.

For OSS tax results to apply to the transaction, ensure that you configure the OSS Authority in Determination from *Menu > System > Companies > Tax Preferences > European Union One-Stop Shop (OSS)*.

Note that **Import One Stop Shop (IOSS)** is the setting that applies to Low Value Goods (LV) transactions only. For this logic to apply to LV transactions, the IOSS Authority must be set in the screen mentioned above. In addition, the Registration Number should be prefixed as **IM** (this Registration Mask definition will be supported for applicable Authorities as part of standard tax content).

The new OSS/IOSS tax results only apply for transactions with an effective date starting July 1, 2021.

If you want to know more about how to set up EU OSS, see the following article: http://tax.thomsonreuters.com/site/support/onesource/indirect-tax/?search=000106212.

DETERMINATION 5.12.2.3 RELEASE NOTES

NEW FEATURES 5.12.2.3

Updates to Output XML and SOAP Response: Consolidated Tax Amount (TE-10962. TE-11048, TE-11039)

Determination now supports consolidated Tax Amounts – unrounded, rounded (based on tax engine's rounding logic), rounded (normal rounding logic) – at the transaction invoice level. Consolidated Tax Amount is the sum of Tax Amount for each of the taxing Authorities in a transaction having one or multiple line items. These will only be represented in the output XML and the SOAP webservice response from the tax engine (not available in the application screens) to be utilized as part of integrations with the customer. The XML elements are:

```
</LINE>

        <CONSOLIDATE_TAX_AMOUNTS>

                <CONSOLIDATE_TAX_AMOUNT>

                        <AUTHORITY_NAME>Tax Authority 1</AUTHORITY_NAME>

                        <AUTHORITY_TYPE>Tax Authority TYPE 1</AUTHORITY_TYPE>

                        <UNROUNDED_TAX_AMOUNT>xx.xxxxxxxxxx</UNROUNDED_TAX_AMOUNT>

                        <TAXENGINE_ROUNDED_TAX_AMOUNT>xx.xx</TAXENGINE_ROUNDED_TAX_AMOUNT>

                        <MATHEMATICAL_ROUNDED_TAX_AMOUNT>xx.xx</MATHEMATICAL_ROUNDED_TAX_AMOUNT>

                </CONSOLIDATE_TAX_AMOUNT>

                <CONSOLIDATE_TAX_AMOUNT>

                        <AUTHORITY_NAME>Tax Authority 2</AUTHORITY_NAME>

                        <AUTHORITY_TYPE>Tax Authority TYPE 2</AUTHORITY_TYPE>

                        <UNROUNDED_TAX_AMOUNT>yy.yyyyyyyyyy</UNROUNDED_TAX_AMOUNT>

                        <TAXENGINE_ROUNDED_TAX_AMOUNT>yy.yy</TAXENGINE_ROUNDED_TAX_AMOUNT>

                        <MATHEMATICAL_ROUNDED_TAX_AMOUNT>yy.yy</MATHEMATICAL_ROUNDED_TAX_AMOUNT>

                </CONSOLIDATE_TAX_AMOUNT>

        <TOTAL_UNROUNDED_TAX_AMOUNT>xx.xxxxxxxxxx + yy.yyyyyyyyyy</TOTAL_UNROUNDED_TAX_AMOUNT>

        <TOTAL_TAXENGINE_ROUNDED_TAX_AMOUNT>xx.xx + yy.yy</TOTAL_ TAXENGINE_ROUNDED _TAX_AMOUNT>
```

```
            <TOTAL_MATHEMATICAL_ROUNDED_TAX_AMOUNT>xx.xx + yy.yy</TOTAL_ MATHEMATICAL _ROUNDED _TAX_AMOUNT>

        </CONSOLIDATE_TAX_AMOUNTS>

</INVOICE>
```

These additional elements are only going to be available when a new company setting (Menu > System > Companies > [Your Company] > Options tab) **Include Consolidated Tax Authority in Output** = Y. They will not be present if this setting is N or not selected.

Refer to the ulationService XSD (…/sabrix/services/taxcalculationservice/2011-09-01/taxcalculationservice?xsd=TaxCalculationService.xsd) to understand the new XML element definitions. If you wish to utilize these additional data, please work with our Integrations team to map these elements to your ERP system.

Support for Invoice Gross Amount (TE-10264)

Tax treatment on the sale of specific goods and services may evaluate total invoice gross amount and not individual line-level gross amounts to determine the tax amount. Determination now provides support for this with the addition of **INVOICE.GROSS_AMOUNT** as a new element in Rule Qualifiers and TransEditors. This allows Determination to consider the Gross Amount's total sum across all lines on the Invoice. Previously only the LINE.GROSS_AMOUNT was supported.

The addition of this new element can help with the evaluation of Domestic Reverse Charge (DRC) thresholds required for specific Countries (e.g., Austria). Using this new element considers all products included in the invoice for the evaluation of the invoice total. Therefore, if the invoice includes a mix of DRC applicable and non-applicable products, then the non-applicable product(s) gross amount will be included in the consideration of the total invoice Gross Amount.

Add Northern Ireland (Brexit) (TE-10917)

Determination added **Northern Ireland** as a country in the list of zones due to new regulations as part of Brexit.

- 2Character Code = XI
- 3Character Code = XII

Previously this was addressed as part of Tax Content, but now is part of the core Determination application.

New Authority Option Configuration for Low Value Goods (TE-11084)

To meet the Reverse Charge regulations within the UK for Low Value Goods transactions, we have added a new option, **Low Value Goods Reverse Charge**, within Authority's Advanced Configuration (Menu -> Tax Data -> Authorities -> Advanced Configuration -> Options). The conditions "Foreign Transaction" and "Value Registration Required" would be the applicable values for this setting.

ADDRESSED ISSUES 5.12.2.3

Default Services – Company's Buyer Registration Not Picked Up After 2020 (Brexit) (TE-10951)

If the Registration Number (Reg #) is stored within a company's setting (Menu > Company Data > Registrations), there was an issue where the tax engine was not considering that Reg # for buyer role transactions when the date of the transaction was after the year 2020. This affected transactions between the United Kingdom (UK) and the European Union (EU) related to the Brexit deal. This issue is now resolved.

Improper Seller's VAT Registration Number (VRN) on Import Transaction into GB (TE-10986)

Determination has addressed an issue where European Union (EU) seller`s VRN was not properly picked up for importation into Great Britain (GB) for transactions starting 2021. The tax calculation is accurate, but the seller VRN was missing from output response messages (System Messages) from the tax engine. After this fix, the VRN of seller will also be available in the output message.

Italy Tax Amount Rounding (TE-10920)

Previously, a generic application of rounding was applied based on the highest tax rate regardless of the number of line items in the transaction. The Italian government rules require the tax rounding to be applied to the tax rate where the rounding error was found. The tax engine has been updated to address the transaction rounding logic for Italy at the document level to comply with these rules.

Taxable Basis for PIS & COFINS to Include IPI Cost (TEC-3047/ TE-10581)

For B2B or B2C transactions in Brazil, the IPI tax amount that is charged by the seller is treated as a cost by the buyer. Therefore PIS & COFINS is to be increased to allow recovery of those taxes completely. To address this, not only is there a tax engine enhancement, but new Rules have been added to the PIS & COFINS Authorities with the addition of a new Calculation Method **PIS COFINS (Brazil Only)**.

Timeout Issue with Rules for Brazil IVA Authority (TE-10793)

An issue was reported with some Authorities for which the Rules page was loading very slowly or even timing out the application. This was identified as a problem caused by the loading of data in columns **Qualifier** and **Rule Output** on the Rules page. Determination is now automatically hiding the display of these two columns for those Authorities having more than 3500 Rules (active and inactive, since this seemed to be the threshold number at which the page timed out). The application does not time out after this change.

Evaluation of B2B Company Setting (TE-10948)

Determination did not consider the company setting (Menu > System > Companies > [Your Company] > Options tab) **Use Business Supply Flag for B2B Determination** in conjunction with the **Business Supply** flag (Calcs tab in Workbench) in transaction settings. This issue is now fixed.

AuditInvoice Servlet Error: Null Pointer Exception (TE-10794)

When the user attempted to use AuditInvoice Servlet for a transaction, it errored out, showing NullPointer Exception. In a few cases, it also displayed BigDecimal Null Pointer Exception. These have now been corrected.

SOAP Web Service Result Differ From XML Invoice Result (TE-10994)

An issue has been addressed where the <ZONE_LEVEL> was presented differently in SOAP the web service response from the tax engine vs. how it was presented in the XML Invoice servlet. By fixing this issue, any set Zone Level (City / District / County) will be shown similarly in both the SOAP web service response and XML Invoice results.

Unable to Add and Edit the Quicklinks (TE-11032)

The issue with users unable to add or update QuickLinks has been corrected. This happened as a result of Javascript library upgrades (refer TE-10322 in Known Issues below).

Unable to Add Zone Alias (TE-11064)

The issue where users are unable to create Zone Alias has been corrected. This happened as a result of Javascript library upgrades (refer TE-10322 in Known Issues below).

KNOWN ISSUES 5.12.2.3

Application Vulnerability - Web Server Configuration - Outdated Frameworks and Libraries (TE-10322)

Javascript library upgrades were done as part of Determination 5.12.2.0 to address a medium-level security vulnerability in the system. As the upgrade resulted in some system usability issues, those changes are now reverted. The Javascript library upgrades will be done in a future release.

DETERMINATION 5.12.2.1 RELEASE NOTES

NEW FEATURES 5.12.2.1

Low Value Goods Legislation (TE-10636, TE-10085)

Due to new legislation pertaining to the transaction of low value goods (e.g., currently 1000.00 NZD), there is an enhancement to cover this requirement. This involves the addition of a new Transaction Type called Low Value Goods, as well as changes to the Authority Logic.

This was addressed in an earlier version and now ported to this current version as well.

Pass-Through and Non-Pass-Through Options Added for Vacation Rental (TE-10688)

The following additional tax types are now provided:

1. Pass-through (PT) – Used when the seller has an option to pass the tax through to the buyer.
2. Non-Pass-Through (NP) – Used when the seller has the option to not pass the tax through to the buyer but instead wants to accrue the tax.

For example, some tourism taxes, such as forfeiture tax, provide the property owner/broker (seller) the option to choose whether to pass the tax to the buyer or not.

ADDRESSED ISSUES 5.12.2.1

Hibernate Libraries Incompatible with MS SQL Server Drivers (TE-10653, TE-10348)

Issues related to SQL Server driver, such as the use of SQLJDBC7 jar file, that was mentioned under 'Known Issues' in prior release. The issue was due to transaction manager timeout settings with MS SQL Server 2016. Determination now overrides this value so the install process works with SQL 2016.

Authorities without Registration Mask Giving Incorrect Tax Results (TE-10627)

An issue addressed in the previous release with the tax engine providing incorrect tax results for Authorities that do not have a Registration Mask defined (TE-10331) has been reverted since the original behavior is as expected. For example, for Angola Authority, tax type S is the expected result instead of NL when POTT is set for Destination.

Tax Treatment Issues When Adding New Authority to UK (TE-10628)

When adding new Authorities (regardless if they are turned on or off) to the main Authority of United Kingdom, it was observed that the tax treatment for the supply of goods from the UK to other EU countries was changed from Zero-rated Intra-Community Dispatch to a locally (UK) taxed supply. This has now been addressed.

KNOWN ISSUES 5.12.2.1

Known Issues from 5.12.2.0 (Hibernate Libraries Incompatible With MS SQL Server Drivers (TE-10653, TE-10348) was corrected and moved to Addressed Issue in 5.12.2.1.

No change in Known Issues from 5.12.1.4

DETERMINATION 5.12.2.0 RELEASE NOTES

NEW FEATURES 5.12.2.0

Oracle Database 19c Platform Support Added (TE-10209, TE-10513)

ONESOURCE Determination 5.12.1.x and higher versions can now support Oracle Database 19c (19.6) Enterprise Edition platform. If you are already on Determination 5.12.1.x or greater, then refer to the 5.12.x.x Installation Guide for a configuration change (multiple areas) to support Oracle Database 19c.

Support for Oracle Database 12c will no longer be offered.

Amazon Corretto 11 is also now supported. (Amazon Corretto 8 is already being supported.)

Telco VoIP Enhancement - JE Updates (TE-10269, TE-10347, TE-10349)

Determination now offers support for Telco VoIP tax content. Added new:

- Authority Types – Telecom RegulatoryFees, Telecom Emergency Fees, Telecom General Fees
- Tax Types – Regulatory Fees, Emergency Fees, Telecom Fees
- DPI Codes and their respective messages – USSSRF(1,2,…), USSSEF(1,2,…), USSSGF(1,2,…) for the above Tax Types respectively

The appropriate JE(s) were also updated to address this enhancement.

Telco VoIP Enhancement – 'Capacity' Field (TE-5856, TE-10366)

Support of Telco VoIP tax-related content in Determination requires the addition of:

- New field called **Capacity** at the line level
- New **Calculation Method** in **Rules** called **Fee on Capacity**

Telco VoIP Enhancement – Interstate Taxable Revenue Percentage (TE-10306, TE-10379)

Determination support for Telco VoIP requirements necessitates the tax calculation to default to either **Safe Harbor** or **Traffic Study** as the basis percentage.

- For **Safe Harbor** percentage setting – new Configuration **INTERSTATE_TAXABLE_REVENUE_PERCENTAGE**
- For **Traffic Study** percentage setting – new section **Interstate Taxable Revenue Percentage** added as part of the **Company** setup
- Added a new value for the **Tax Treatment** field in **Rules** called **Interstate Taxable Revenue Percentage**. The code for this will be **ITRP** in tax calc response.

Telco VoIP Enhancement – Non Pass-Through Tax Result(s) (TE-10307, TE-10384)

Determination introduces support for situations where the customer does not want the tax result(s) to be present in the tax calc response:

- Added check box **Non Pass-Through** in **Rules** so that custom rules can be setup for those authorities.
- Added a new **System Message** in tax result output with Code as **NON PASS-THROUGH RULE**, and Description as **Applied non pass-through rule for *<Authority>*** and ***<Tax Amount>*** where Authority will contain the Authority name and Tax Amount will contain the appropriate tax amount and currency value.
- Tax results will always be audited (regardless of auditing ON/OFF).

Low Value Goods Legislation (TE-10352)

Due to new legislation pertaining to the transaction of low value goods (e.g., currently 1000.00 NZD), there is an enhancement to cover this requirement. This involves the addition of a new **Transaction Type** called **Low Value Goods**, as well as changes to the Authority Logic.

This was addressed in an earlier version and now ported to this current version as well.

Incoterms/Delivery Terms for 2020 (TE-10351)

Determination will support two new Incoterms or Delivery Terms published for 2020 - **DAP** (Delivered At Place) and **DPU** (Delivered named Place Unloaded). Note, current Incoterm **DAT** (Delivered at Terminal), issued in 2010, is now being replaced by **DPU**, but **DAT** will continue to be supported within the system.

Brazil DIFAL: Updated due to Legislative Requirements (TE-9995, TE-10345)

New changes to the Brazil DIFAL tax calculation rules have been addressed. Two types of scenarios are now considered – one for products without ST or CEST codes, the other for products with ST or CEST codes. A new field has been introduced within Rules, where the **DIFAL Type** based on the Authority situation can be controlled by tax content. These are valid for the **Calculation Method** field, which is **Rate Differential (Brazil Only)**.

This was addressed in an earlier version and now ported to this current version as well.

ADDRESSED ISSUES 5.12.2.0

Cluster Related Issues Corrected (TE-10270, TE-10276)

Determination has addressed reported issues related to the application failing to start on clustered environments. In some cases, users cannot login as well.

System Security Update – Web Server Patching and Updates (TE-10321)

Per our security policy, we have applied the latest available patch on the Application Server for the Apache Tomcat versions supported by the application to avoid vulnerabilities.

System Security Update – Cross-Site Scripting (TE-10292)

Per our security policy to perform code penetration tests of each new version of our applications, we recently identified a cross-site scripting vulnerability.

This issue was fixed in a separate version, and the fix is ported to this current version as well.

System Security Update – Password Generation (TE-10324)

Per our security policy, a stronger password policy for the application has been implemented. Passwords will require at least:

- ten (10) characters but less than 60 characters in length. This can be controlled by configurations, **PASSWORD_VALIDATION_MINIMUM_LENGTH** and **PASSWORD_VALIDATION_MAXIMUM_LENGTH**.
- one lower case alphabetical character (a-z)
- one upper-case alphabetical character (A-Z)
- one number (0-9)
- one special character (`~!@#$%^&*()-_etc.)

Note: The above password requirements only apply for new users or current users updating the password.

System Security Update – Outdated Frameworks and Libraries (TE-10322)

Per our security policy, the versions of Javascript libraries have been upgraded to avoid application vulnerabilities.

System Security Update – Application Returned Verbose Errors (TE-10323)

Per our security policy, non-descript, standardized messages for error conditions will now be utilized. This prevents the disclosure of information about the internal workings of the application or environment through verbose errors and debugging information. Application errors that are provided in HTTP responses can otherwise disclose sensitive information about the application to malicious users.

Italy Tax Amount Rounding (TE-10283, TE-10497)

An issue reported with Italy Document Rounding is now corrected. Previously, when two lines of differing amounts, or when changing the tax rates for several lines, then the effective tax becomes 0%. This same issue triggered JAVA unexpected errors as well.

Canada Tax Amount Rounding (TE-10198)

The amount of tax rounded at the line level was causing a discrepancy between the tax amount at the line level and the rounded tax amount at the authority level in the XML output.

This issue was fixed in an earlier version, and the fix is ported to this current version as well.

Incorrect Tax Results for Allocations Corrected (TE-10537)

Determination has addressed an existing issue with **Allocations** where **Tax Rate** and **Tax Amount** results in output where incorrect. The formula has been updated so that the output is correct now.

Authorities without Registration Mask Now Giving Correct Tax Results (TE-10331)

Determination has addressed the issue of the tax engine providing incorrect tax results for authorities that do not have a Registration Mask defined. For example, for Angola Authority, tax type S was returned instead of NL when POTT is set for Destination; adding new authority to the United Kingdom (UK) affected the tax treatment of zero-rated intra-community dispatch.

Applied Brazil CFOP/CST/CEST Code Message Was Displaying in US Tax Results (TE-10519)

Previously, the **System Messages** such as **Applied_Brazil_CFOP_Code**, **Applied_Brazil_CST_Code**, and **Applied_Brazil_CEST_Code** were displaying anytime a **Custom Rule** was added or copied for an authority and not only when expected.

KNOWN ISSUES 5.12.2.0

Hibernate Libraries Incompatible With MS SQL Server Drivers (TE-10348)

Issues related to SQL Server driver, such as use of SQLJDBC7 jar file, is known. Until a resolution is identified in Determination, the workaround is to place the 4.2.8 version of SQLJDBC_XA.dll in MS SQL Server installation binn directory – Microsoft SQL Server\<SQLServerInstanceBaseDirectory>\MSSQL\Binn, example, Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\Binn.

DETERMINATION 5.12.1.4 RELEASE NOTES

NEW FEATURES 5.12.1.4

Brazil DIFAL: Updated Due to Legislative Requirements (TE-9995, TE-10345)

New changes to the Brazil DIFAL tax calculation rules have been addressed. Two types of scenarios are now considered – one for products without ST or CEST codes, the other for products with ST or CEST codes. A new field has been introduced within Rules, where the **DIFAL Type** based on the Authority situation can be controlled by tax content. These are valid for the **Calculation Method** field, which is **Rate Differential (Brazil Only)**.

Low Value Goods Legislation (TE-10352)

Due to new legislation pertaining to the transaction of low value goods (e.g., currently 1000.00 NZD), there is an enhancement to cover this requirement. This involves the addition of a new Transaction Type called **Low Value Goods**, as well as changes to the Authority Logic.

ADDRESSED ISSUES - 5.12.1.4

Brazil: APPLIED_BRAZIL_DEFAULT_ROUNDING (TE-10224)

For the error message 'APPLIED_BRAZIL_DEFAULT_ROUNDING,' the description has been updated as "The default BRAZIL tax rounding rules were applied to the tax results in this calculation." Previously the description used to be "Error lookup failed for APPLIED_BRAZIL_DEFAULT_ROUNDING."

KNOWN ISSUES - 5.12.1.4

No change from previous version 5.12.1.3

DETERMINATION 5.12.1.3 RELEASE NOTES

NEW FEATURES 5.12.1.3

No change from 5.12.1.2

ADDRESSED ISSUES 5.12.1.3

Null Pointer Exception Error when Using Exempt Reason in Input XML (TE-10121)

When document rounding is enabled for a country, and the Input XML for a transaction with multiple lines for that same country includes the <Exempt Reason> element on one line and not on the others, a Null Pointer Exception error may have occurred. This issue has been fixed.

KNOWN ISSUES 5.12.1.3

No change from 5.12.1.2

DETERMINATION 5.12.1.2 RELEASE NOTES

NEW FEATURES 5.12.1.2

No change from 5.12.1.1

ADDRESSED ISSUES 5.12.1.2

Tax Code Qualifier Severe Error Causes a Calculation to Stop (TE-10112)

A BigDecimal error in the Output XML when using Tax Code Qualifiers causes a severe error stopping the tax calculation. This issue only exists in Determination version 5.12.1.0 and 5.12.1.1. This issue is resolved.

KNOWN ISSUES 5.12.1.2

No change from 5.12.1.1

DETERMINATION 5.12.1.1 RELEASE NOTES

NEW FEATURES 5.12.1.1

No change from 5.12.1.0

ADDRESSED ISSUES 5.12.1.1

Null Pointer Exception Error (TE-10102)

In the 5.12.0.0 version, a Null Pointer Exception error is produced when Determination attempts to use a contributing authority that does not include a rate, fee, or rule. This issue has been resolved.

Repaired Integrations Break (TE-10104)

In 5.12.0.0, the <PRICES> and <CLASSIFICATION_CODES> XML structure and elements were added to the output XML. This may have caused some existing integrations to fail. These XML structures and elements have now been removed from the XML output. We will consider adding these elements to the output XML in a future release of Determination.

KNOWN ISSUES 5.12.1.1

No change from 5.12.1.0

DETERMINATION 5.12.1.0 RELEASE NOTES

NEW FEATURES 5.12.1.0

No change from 5.12.0.0

ADDRESSED ISSUES 5.12.1.0

Currency Rounding Precision Updated (TE-9980)

Previously the rounding precision for some countries' currency (Bahrain, Kuwait, Libya, and Oman) was set to two. Based on tax law changes, this has now been updated to a rounding precision of three.

Currency Rounding Precision for Czech Koruna Updated (TE-9976)

Due to changes in Czech Republic tax law (§ 36 (6)) the rounding precision of CZK is now 2 (was zero). In addition to the precision change, the Minimum Accountability Unit is now 0.01 (was 1).

Calculation on VAT Reverse-Charge for Ghana Updated (TE-9838)

Previously, two contributing authorities, Ghana Education Trust Fund Levy (GETFL) and Ghana National Health Insurance Levy (GNHIL) were not contributing to Ghana authority when calculating VAT in reverse-charge. This has been corrected.

Updated Logic and Messages for Default Services (TE-9311)

Calculation logic has been updated for Default Services Transaction Type. This enhances the Reverse Charge logic for B2B and B2C, and both Buyer and Seller transactions for EU and non-EU countries. New Messages have been created to provide clearer explanations of the tax treatments.

Brazil ICMS-ST Buyer Logic Updates (TE-8114)

Implemented updates to the Brazil ICMS ST-logic for buyside transactions. The logic for IVA markup percentage authority that adjusts the taxable basis on ICMS-ST buyside transactions has been enhanced that enables buyside ICMS-ST to be calculated.

Canada - Tax Result Returned for POTT = Origin (TE-3015)

Domestic Canada, buyer transactions previously had an issue where there was no tax block for the Ship From location when the Point of Title Transfer (POTT) is Origin (O). The Ship From location was only returned when the country was not O (an export). This is now resolved; a ship from tax block is now available when POTT=O.

Oracle Java Support Update (TE-9959)

In the Determination 5.12.0.0 version, we de-supported Oracle Java. Now Determination will continue to support the use of Oracle Java 1.8 and 1.10. Additionally, Amazon Corretto 1.8 is also an optional Java platform that can be used with Determination.

KNOWN ISSUES - 5.12.1.0

No change from 5.12.0.0

DETERMINATION 5.12.0.0 RELEASE NOTES

NEW FEATURES - 5.12.0.0

Brazil CEST, CST, CFOP Codes (TE-909, TE-8576, TE-8209, TE-8210)

Classification codes in Brazil are important for accurate reporting and compliance. You can now optionally use CEST, CST, or CFOP codes on any of the Brazil Authorities, even custom authorities, by setting them up on the Rules page. If used, these classification codes are recorded in Audit and returned in the Output XML.

The CEST, CST, and CFOP code fields can be optionally used in the Workbench to filter your rule(s) by using one or more codes. Set these codes within the Invoice header or Line level in the Workbench using the Calcs tab.

Brazil Pauta Fiscal Prices (TE-9820)

Brazil Pauta Fiscal tax treatments can now receive the PF, PMC or PMVG prices directly from Determination. In prior versions, the prices could only be supplied from an outside source. We supply a content file that sources the prices directly from the Brazil government.

Depending on the industry, the prices are published by the Brazil government each month. The content file is separate from the ONESOURCE Indirect Tax International Tax Data file. If you need to use the Brazil Pauta Fiscal prices, please contact Customer Support to receive information on how to obtain the separate content file.

Determination 5.12.0.0 supports only the PF and PMC prices. However, we have included the ability for Determination to store and supply the PMVG prices so that Determination can calculate tax using the PMVG prices in a future version.

The following changes have been made to Determination to support Brazil Pauta Fiscal:

- Price Content
    - Once price content is loaded into Determination, for Brazil Pauta Fiscal transactions, the PF, PMC, or PMVG prices will automatically contribute to the taxable basis for the calculation of ICMS-ST. Optionally, if the prices are passed in the XML Input, those prices will override the prices from the loaded content.
- Imported Price File

  - You now can import a price file using Import/Export. A separate content file that only includes the Brazil prices is available for download from the Indirect Tax Customer Center, and by using Auto Content Download.

- Classification Codes
  - Classification codes have been added to Determination to use for filtering rules and recording codes in Audit. This allows the use of different classification codes throughout the application such as the XML Input, Workbench, and other areas when configuring rule qualifiers.
  - CLASSIFICATION_CODE_TYPE can be optionally used to identify the type of classification code, such as CNAE, CEST, CST, or CFOP. This element is used in conjunction with CLASSIFICATION_CODE_ID.
  - CLASSIFICATION_CODE_ID can be optionally used to identify a classification code value, such as CNAE, CEST, CST, or CFOP. This element is used in conjunction with CLASSIFICATION_CODE_TYPE.

- Product Code Type
  - Product Code Type was first added to Product Mappings in the Determination 5.11.0.0 version. Adding this field permits the use of different values in the Product Code field. Such different types of product codes are the normal material item code or product code designated to identify a product in your ERP. Another type of product code specific to Brazil transactions is the EAN code, which when set, will be used to identify the published price (PF, PMC, PMVG) for that product.
  - PRODUCT_CODE_TYPE can be optionally used in the XML Input to identify the type of product code, EAN or None. Not setting or including this optional element will set the product code type to None by default, indicating the value passed in the PRODUCT_CODE element is the value that represents the material item or product code from your ERP system. PRODUCT_CODE TYPE element is used in conjunction with PRODUCT_CODE.
  - The Product Code Type field has been added to the Workbench Line and defaults to -None-, indicating the use of a product code value in the Product Code field. For Brazil Pauta Fiscal, if an EAN code is the value in the Product Code field, set the Product Code Type to EAN.

- Price Type and Amount
  - PRICE_TYPE can be optionally used to identify the type of price you are supplying in the XML Input. Price types are PF, PMC, and PMVG. This element is used in conjunction with the AMOUNT element that is part of the PRICES and PRICE XML input collection.

- The PF Product Price, PMC, Product Price and PMVG Product Price fields are available on the Calcs tab at the line level in the Workbench to simulate the prices being added to the Brazil Pauta Fiscal tax treatments. The PF price is optional, and you can include the PMC or the PMVG, but not both.
- In the Workbench, when a numeric value is included in the PF, PMC, or PMVG fields if any of the prices are contributed to the transaction, a system message will identify all prices applied to each authority.

ADDRESSED ISSUES - 5.12.0.0

Oracle Java De-Support (TE-9768)

Oracle Java is no longer supported beginning with Determination 5.12.0.0 and is being replaced by Amazon Corretto. On 01 January 2019, Oracle began charging a license fee for Oracle Java which forced us to replace Oracle Java with Amazon Corretto.

Oracle WebLogic De-Support (TE-9796)

With the new support of Amazon Corretto, Oracle WebLogic is not compatible and is not supported by Oracle for use with Amazon Corretto. Therefore, we are de-supporting Oracle WebLogic beginning with Determination 5.12.0.0.

Vacation Rental Tourist Tax Changes (TE-9777)

Determination has been enhanced to support specific regulations for vacation rental tourist taxes. For some countries which levy a tourist tax, the tax changed from a fee (EUR) to a rate (percentage). The tax results is determined by:

- Length of stay (number of nights)
- Number of guests
- Type of guests (e.g., seniors, adults, children)

These new calculation methods are now available to calculate tourist tax in Determination. Enhancements to support the countries that impose a cap on the amount of tourist tax charged, and an exemption of tax for specific types of guests, are also now available.

Transeditor Condition Not Working for Is Not Null Operator when Element Is Evaluated as a Boolean True/False (TE-5302)

In previous versions, when a TransEditor contained a condition with the operator IS NOT NULL, the TransEditor was not applied if the element was Boolean (TRUE/FALSE). This issue has been resolved and no longer occurs.

Canada - Tex Block for Origin in GST and HST (TE-4239)

Updated logic for consumption tax GST/HST for determining taxation in ship-from location for intracountry transactions. The previous issues with this calculation are resolved.

KNOWN ISSUES - 5.12.0.0

This section contains several known issues and workarounds that you may encounter in using ONESOURCE Indirect Tax Determination. This is not intended to be an exhaustive list of issues.

Determination User Remains Logged in After Closing and Reopening Firefox Browser Window (TE-6480)

When you log in to Determination and close the browser window without choosing **Logout**, you remain logged into Determination if the login timeout has been reached. This occurs when you use Firefox and you store cookies, and you have set the **General Option** to **When Firefox starts: Show my windows and tabs from last time**.

To work around this issue, click **Logout** in Determination before closing a Firefox browser window.

Proxy Settings for Automated Tax Data Updates (TE-5008)

If your system is configured to use a proxy server for automated tax data updates, the Import/Export Configuration page may not reflect proxy settings from the Configuration parameters page.

If the PROXY_HOST and PROXY_PORT configuration parameters are defined in the Configuration parameters page, the information does not automatically update the config.proxyHost and config.proxyPort fields in the Import/Export Configuration page until the application server is restarted.

Determination automatically adds the PROXY_HOST and PROXY_PORT and the related values to the Configuration parameters page if all three of the following are true:

- The Automatic Tax Data Updates Enabled setting on the Import/Export Configuration page is selected.
- You have set up the config.proxySettings information in the config.proxyHost and config.proxyPort fields.
- The proxy information does not already exist in the Configuration parameters page.

Once all the data is in sync between the Configuration parameters PROXY_HOST and PROXY_PORT and the config.proxySettings information on the Import/Export Configuration page, changes to a setting in one location automatically update the corresponding field in the other location.

Cache View Search (TE-635)

When searching for ALL in the cache view diagnostics page, an out of memory error may occur.

To work around this issue, narrow your results by typing a specific table name to search. Alternatively, you can reset your cache and then rebuild it by processing only the transaction(s) that you want to investigate.

Child Privileges in Roles (TE-6749)

When editing a role to remove privileges from a page with children, the following message is presented to the user: All privileges of the selected Application Role and its children will be removed, continue? However, only the selected application role is modified, and privileges previously set for the children remain intact.

To work around this issue, modify privileges for child application roles individually. This can be done before or after modifying the parent application role.

Company Exports with Default Exempt Reason (TE-6753, TE-6804, TE-6737, TE-6840)

If a company either maintains its own Default Exempt Reason or inherits it from a parent company, a company export/import may cause errors when only a single company export (parent without children, or child company) is performed.

To work around this issue, before exporting a parent company only, clear the default exempt reasons for any of its children if they reference an exempt reason belonging to the company you are exporting. When the company is imported, you can then re-set the exempt reason(s).

Flat File Import for License Types (TE-6775)

When using the flat file import template to import a single license type, the record is not editable within the user interface if it is the first license type created for the selected company.

To work around this issue, add your first license type via the user interface. Alternatively, if you have a license type that you are unable to edit, you can add a second license type to the company, and the first record will become editable.

Test Mode for Exemption Certificate Web Service (TE-6921)

The CreateUpdateExemptionCertificate request ignores the value for TestMode, treating all requests as if TestMode = false.

There is no workaround. Use an environment where it is acceptable to create and update exemption certificates during web service testing.

Duplicate Exemption Certificates

Users can create duplicate exemption certificates based on the fields for the customer, the certificate number, the reason code, and the effective date. If a transaction is passed where duplicate certificates are applicable, a failure may occur.

Workaround: Avoid creating duplicate exemption certificates. If you already have some duplicates in your system, you can modify them to make them unique or delete any that are unnecessary.

DOWNLOAD THE SOFTWARE

To download and install the software, get the latest *ONESOURCESampleProduct_NNNx.zip* file from the Indirect Tax Customer Center:

1. Open the Indirect Tax Customer Center at https://customercenter.sabrix.com/.
2. Log on using the username and password provided by Customer Support.
3. Find Indirect Tax Determination in the **Available Products** list, and verify that **Installed Version** is set to **None**.
4. Select **Download** for Indirect Tax Determination.
5. Save the file.
6. Unzip the *ONESOURCESampleProduct_NNNx.zip* file.