

ONESOURCE INDIRECT TAX INTEGRATION FOR ORACLE 12 PRODUCT UPDATES



VERSION 5.5.0.0

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For additional information, see the following on the Software Support Network:

- [ONESOURCE Indirect Tax Integration for Oracle 12 Documentation](#)
- [ONESOURCE Indirect Tax Global Software Suite Platform Support Guide](#)
- [ONESOURCE Indirect Tax Global Software Suite Product Support Lifecycle Guide](#)
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VERSION 5.5.0.0

UPDATE SUMMARY

This release of the ONESOURCE Indirect Tax Integration for Oracle 12 is a minor release with new features, enhancements, and bug fixes. The following are highlights for this release:

- Enhanced functionality for trusted vendor: Payables Integration now has the shortpay functionality to setup “trusted” suppliers (vendors) and pay the AP invoice ‘as-is’.
- State specific accrual options: Profile options have been defined at the state level to use either sales tax or consumers use rates and amounts.
- Allocation of tax accruals: Functionality has been added for the Sabrix Tax Process to select between prorating by tax or item amounts when accruing the difference between VCT and calculated tax amounts.
- SOAP protocol: An option has been added to select either the existing XMLINVOICE Interface or to utilize the new Web Service Interface to communicate with Determination.
- Support for multi byte characters: XMLDB was implemented in the Integration, correctly rendering multi byte characters in the INDATA and OUTDATA xml.

FUNCTIONAL CHANGES

AP ACCRUAL OPTION BY STATE

Issue: The Integration tax accruals in Payables were based on the sales tax rates and amounts instead of use tax rates and amounts returned from Determination.

Solution: The Integration now has individual state specific profile option values to accrue tax always based on the use tax rate and amounts, or sales tax rates and amounts, or the lower or higher tax rate results returned from Determination.

SABRIX LOG REPORT

Issue: The Sabrix Log Manager report required updating.

Solution: The process has been updated, including changing the name to 'Sabrix Log Table Maintenance'. The report parameters have been changed to include retention days, start and end dates, and the actions of Clean or Purge. See the Install Guide or User Guide for more information.

TRUSTED VENDOR

Issue: Provide the Payables Integration shortpay functionality with an option to set up "trusted" suppliers (vendors) and pay the AP invoice "as is".

Solution: When the Supplier Site for 'Calculate Tax' field is set to No, the Sabrix Tax Process will not shortpay or accrue any additional tax amounts on the AP invoice. The AP invoice will be processed "as is" and the Sabrix Tax Rate/Amount descriptive flexfield (dff) displays a message "Trusted Vendor Tax not Re-calculated".

SABRIX INSERT CONFIG LOG FILE

Issue: The number of successfully inserted tax codes was not listed in the sabrix_insert_config log file.

Solution: A message was added to the sabrix_insert_config log file stating the number of tax codes that were inserted for the given workflow (P2P or O2C).

SABRIX AP SHIP TO SOURCE PROFILE OPTION

Issue: The Sabrix profile option 'eBTax: Sabrix AP Ship To Source' is obsolete and should be removed.

Solution: The profile option has been removed from the installation.

ACCRUAL ALLOCATION

Issue: Provide the Sabrix Tax Process with the functionality to select between prorating by tax or item amounts when accruing the difference between VCT and calculated tax amounts.

Solution: Two new values were added to the profile options governing the Sabrix overcharge and undercharge shortpay functionality: 'ACCRUE - Prorate by Item' and 'ACCRUE - Prorate by Tax.'

EXCLUDE WITHHOLDING TAX

Issue: Withholding tax (distribution type AWT) was incorrectly included in the vendor tax calculation.

Solution: In sabrix_tax_ap.invoice_tax_amount function, distribution type of AWT has been excluded in the vendor tax calculation.

START AND END DATES

- Issue:** End dated or disabled values in the value set SBX_TAX_DIST_TYPE were not excluded from the vendor tax amount calculation.
- Solution:** The start and end dates and the enable flag values are analyzed during the vendor tax amount calculation.

TAX EXPENSE ACCOUNT

- Issue:** The Sabrix Tax Process returned an error when the Profile Option eBTax: Sabrix AP Tax Expense Account Source is set to ITEM and the Tax Expense Tax Account on the Tax Rate Code was NULL.
- Solution:** The Sabrix Tax Process has been modified to allow a NULL tax expense account on a Tax Rate Code when the profile option eBTax: Sabrix AP Tax Expense Account source is set to ITEM. An error is no longer generated.

1099 REPORTING

- Issue:** The Income Tax Type for 1099 reporting was not being populated from the Item line to the Sabrix Tax Expense line.
- Solution:** Both the Sabrix Tax Accrual and Sabrix Tax Expense will have the Income Tax Type field populated if any one line has a value in the Income Tax Type field.

SABRIX ADD ACCOUNT TO TAX RATE CODE PROGRAM

- Issue:** When running the 'Sabrix Add Account to Tax Rate Code' report for Workflow of 'Procure to Pay' with the GL account parameters entered for the 'Tax Expense' only, the existing GL account for the 'Tax Recoverable/Liability' field for the Tax Rate Code was changed to null, updating the value with '---'.
- Solution:** After running the 'Sabrix Add Account to Tax Rate Code' report for the Workflow of 'Procure to Pay' with only the GL account parameters for 'Tax Expense' entered, the previously saved values for the 'Tax Recoverable/Liability' field are not updated.

AP INVOICE LINE AMOUNTS

- Issue:** When an AP invoice is within tolerance, the Integration incorrectly sent only the first invoice line amount to Audit.
- Solution:** For AP invoices within tolerance, the Integration sends the summed invoice line amounts to Audit as the gross amount.

AP INVOICE LINE SHIP TO FIELD

- Issue:** The Ship To field is required for AP on-line tax calculation and AP invoices using the Sabrix Tax Process.
- Solution:** The Ship To field is no longer mandatory for the AP on-line tax calculation or for AP invoices using the Sabrix Tax Process. If Determination does not return any tax lines, the sabrix_log table will display the following ERROR message: "No tax lines were returned from ONESOURCE Indirect Tax Determination. Contact your Determination tax administrator".

TECHNICAL CHANGES

MULTIBYTE CHARACTERS

- Issue:** Transaction data with multi-byte characters was malformed in the XML.
- Solution:** XMLDB was implemented in the Integration. The XML views SABRIX_XML_INVOICE, SABRIX_XML_INVOICE_LINE and SABRIX_XML_INVOICE_ATTR correctly render multibyte characters in the INDATA xml. The XMLDB parser correctly interprets the UNICODE sequence in the OUTDATA xml and writes the appropriate UTF-8 multibyte characters to the database.

INSTALLATION SCRIPT

- Issue:** The installation script sabrix_create_syn_ap.sql created two synonyms for objects that are obsolete. The synonyms were not referenced and no errors were generated.
- Solution:** The code to create the two synonyms has been removed.

FIXED ASSETS AP INVOICE

- Issue:** A portion of the tax amount for a non-asset line was charged to the fixed asset line for an AP invoice with two item lines, where one line is posted to an asset clearing account and the other line was charged to a non-asset account.
- Solution:** The Integration determines if the CCID relates to an asset clearing account. If so, the assets_addition_flag is set to 'U' and the assets_tracking_flag is set to 'Y'. The charge_applicable_to_dist_id column is populated with the invoice_distribution_id.

SABRIX AP ACCRUAL REPORT

- Issue:** The Sabrix AP Accrual Report did not display all the tax distribution lines, when run as Invoice Display Detail. The report did not properly summarize the Summary Recap at the end of the report. The report was also missing the cancellation of AP Invoices. The Determination Audit tables have the correct information for all AP transactions, including the cancelled AP invoices.
- Solution:** The Sabrix AP Accrual Report has been modified to correctly display data and include cancelled invoices.

REGISTRATION NUMBERS

- Issue:** The Integration did not gather the registration numbers on the Bill-To site if the Ship-To site is null on the O2C transaction and the 'eBTax: Sabrix Use Bill-To for Null Ship-To' profile option is set to 'Yes.'
- Solution:** The Integration utilizes the registration numbers on the Bill-To site if the Ship-To site is null on the O2C transaction and the 'eBTax: Sabrix Use Bill-To for Null Ship-To' profile option is set to 'Yes.'

USER ELEMENT ATTRIBUTE MAPPING

- Issue:** Project information was not included in the information sent from Oracle Purchasing to Determination for tax calculation.
- Solution:** The purchase order project information is mapped to user_elements_attributes 31-36.

AP SHIP TO ADDRESS SEGMENT

- Issue:** The Sabrix ShipTo Address segment of the payables distribution descriptive flexfield is obsolete and should be removed.
- Solution:** The Sabrix ShipTo Address segment has been removed from the installation. For upgrade installations the segment needs to be removed manually. See the Install Guide for details.

INDATA MAPPING

- Issue:** INDATA mapping was inconsistent between the Sabrix Tax Process and the payables online tax call.
- Solution:** INDATA mapping has been changed to be consistent. See the Install Guide for more information.

QUOTE LINES

- Issue:** Transactions created in Oracle iStore for configured items have the same line number in the `aso_quote_lines` table. The non-unique line numbers caused errors in the integration. The Integration requires a unique index (comprised of `batch_id`, `invoice_id`, and `line_number`).
- Solution:** Calls from iStore will be treated the same as Order Management and the `line_number` element will be assigned an incremental value rather than the value from `zx_lines_det_factors`. The unique index will remain because it is a requirement for audit.

APPLY AP PREPAYMENTS

- Issue:** An unexpected error was encountered when attempting to validate an AP invoice after applying a prepayment.
- Solution:** The Integration code has been modified to allow the standard AP invoice with a prepayment applied to be validated.

SABRIX STAGE CONFIG FILE

- Issue:** When the `Sabrix_stage_config.dat` file contains multiple rows for the same ERP Tax Code, one for each operating unit or regime, the first row was created, but the subsequent were ignored.
- Solution:** The `setup_tax_from_staging` process now checks to see if the tax flow has been created for the ERP Tax Code in the regime of the new entry.

TRACK AS ASSET FLAG

- Issue:** The Track as Asset flag was checked on both the Sabrix generated distribution lines.
- Solution:** The Integration checks the Track as Asset flag on the expense distribution line (Sabrix Tax Expense) only.

OM DOCUMENT TAX

- Issue:** When the Profile Option 'eBTax: Sabrix Calculate OM Document Tax' is set to 'Yes' and the request date on the sales order is null, no tax was calculated.

Solution: A NVL function was added to the `sabrix_om_lines_v`, allowing tax calculation on sales orders with a null request date and the Profile Option 'eBTax: Sabrix Calculate OM Document Tax' is set to 'Yes'.

VALUE SET NAME

Issue: The Integration installation failed due to inconsistent value set names.

Solution: The value set names have been corrected and are now consistent.

SABRIX XMLTYPE PARSER

Issue: While running the installation, compilation errors were found for package `SABRIX_XMLTYPE_PARSER`.

Solution: The creation of the `sabrix_xmltype_parser_pkg` and all of the `xmltype` objects have been simplified and standardized to be in alignment with the creation of all other objects in the integration. Scripts for creating synonyms and grants for the `xmltype` objects have been incorporated into the existing scripts that create synonyms and grants for all other objects.

COMPILE NON-COMPILED FLEXFIELDS

Issue: If a user with the Request Group of 'Oracle E-Business Tax Request' is not found by the `sabrix_install_integration` script, the Compile Non-Compiled Flexfields is not processed. A mis-leading error message was displayed in the log file.

Solution: The message has been changed to 'Unable to find a suitable user to submit Compile Non-Compiled Flexfields process. If you have difficulty submitting concurrent requests from the Schedule Request form, please manually submit the Compile Non-Compiled Flexfields program.'

DYNAMIC TAX FLOW CREATION

Issue: In the Integration, a check is made for the existence of tax flows. If the tax flows are defined, a further check to confirm the general ledger accounts are valid for the liable Operating Unit was not made. This could cause eBTax to raise an exception downstream. Further, if the general ledger accounts and Operating Unit were not defined for the existing tax flow, a duplicate tax flow was created for the liable Operating Unit.

Solution: The Integration has been modified to check for valid accounting and to only add accounting and not duplicate the tax flow.

EFFECTIVITY CHECKS

Issue: The Integration SQL queries, where appropriate, should include checks for effective date ranges and enabled flags.

Solution: Effective date range and enabled flag checking has been added to the Oracle Integration products as appropriate.

SUBSCRIBE OPERATING UNITS

Issue: When a tax result with a Tax Rate Code belonging to a Regime the Operating Unit was not subscribed, the transaction completed successfully without the tax results and without an error.

Solution: The Integration checks to see if the Operating Unit is subscribed to all of the Regimes in the results. If the Operating Unit is not subscribed to all of the Regimes, the Integration returns a new error stating the named Operating Unit is not subscribed to named Regime. To prevent this error, subscribe Operating Units to all of the Regimes with a liability.

SETUP PROGRAM

Issue: The sabrix_ebtax.setup_ou_from_staging process did not properly retrieve the ledger id corresponding to the row in the Sabrix_stage_config.dat file. If the Sabrix_stage_config.dat file was created with multiple rows for the same regime, but with a different Operating Unit, then the subsequent ledger id for the different Operating Unit is not derived and a record is inserted for the current Operating Unit and previous ledger id.

Solution: The setup program is retrieving the appropriate ledger id corresponding to the Operating Unit for the Sabrix_stage_config.dat file data.

SABRIX COMPANY ID

Issue: The SABRIX_TAX O2C package did not properly return the organization level setting for eBTax: Sabrix Company by the 'FND_PROFILE.VALUE' function call.

Solution: The Integration now uses 'FND_PROFILE.VALUE_SPECIFIC' to retrieve the value of the profile option.

APPLICATION NAME

Issue: The sabrix_register_wallet.sql script contained a prompt for application module name with values of 'AR' or 'AP'; whereas the connection type in sabrix_connections contains either 'O2C' or 'P2P'.

Solution: The prompts for the application name have been updated to 'O2C' and 'P2P'.

WEB SERVICES INTERFACE

Issue: Provide the functionality to use a SOAP protocol to utilize the Web Service Interface for Determination as well the existing XMLINVOICE interface.

Solution: An option has been added to select either the existing XMLINVOICE Interface or the new Web Services Interface to communicate with Determination. Determination is the same using either interface. The INDATA/OUTDATA saved to the sabrix_log reflects the format of the interface with the existing XMLINVOICE staying the same and the new Web Service interface reflecting the SOAP Envelope.

OUTPUT XML

Issue: An error occurred during the output xml parsing for a record containing a single quote in the customer name or vendor name.

Solution: The SABRIX_XMLTYPE_PARSER has been updated to replace a single quote with two single quotes around attribute values.

VALUE SETS

Issue: An error occurred attempting to create value sets in the sabrix_install_integration script and failed to create subsequent value sets.

Solution: The value set creation script has been modified to remove the error condition and successfully create the value sets. Further, the script has been updated to proceed in creating subsequent value sets should the script encounter an error.

AP-REVERSALS

Issue: When an invoice line is reversed, the Sabrix Tax Process incorrectly created a new line and new distribution. This caused the invoice line total and distributions to not zero out correctly and the invoice to go on hold with distribution line variances.

Solution: AP invoice lines are no longer created for reversals. Instead reversing distribution lines are created on the Sabrix generated lines.

SABRIX ADD ACCOUNT TO TAX RATE CODE

Issue: The Sabrix Add Account to Tax Rate Code program was not updating general ledger accounts if the account was null on the defined Tax Rate Code.

Solution: The program has been corrected to properly update the selected Tax Rate Code with the value entered in the program parameters, even if the current value was null.

SHIP FROM ADDRESS

Issue: The Integration populated the ship from address elements from the AP_SUPPLIER_SITES_ALL table. This table is not utilizing the Oracle Trading Community Architecture and could be missing data elements.

Solution: The Integration populates the ship from address elements from the HZ_LOCATIONS table.

SABRIX XML PARSER

Issue: A 'plsqli numeric or value error' in the sabrix_xmltype_parser package occurred when several attributes are populated in sabrix_line table.

Solution: The parser package has been modified to set the variable set_line_element_tab_t as varchar2(11500); eliminating the error.

ASSET ALLOCATION

Issue: For Integration short pay invoices in Payables, the assets_tracking_flag for Sabrix generated Miscellaneous lines was set to N instead of following the item line. This caused the Miscellaneous line to be left in a Pending status and not transfer to Assets.

Solution: The Sabrix generated Miscellaneous lines will set the assets_tracking_flag to Y when the CCID is associated with an asset clearing account.

SABRIX UPDATE DISTRIBUTIONS

Issue: During the installation of the Integration, the ap_invoice_distributions_all table is updated with the Sabrix user ID. This is obsolete functionality.

Solution: The sabrix_update_distributions.sql script has been removed from the installation.

SUPPLIER ADDRESS

- Issue:** Supplier address at the header level is not consistently passed in XML Indata for the line level ship from.
- Solution:** Supplier address at the header level now is always passed as the line level ship from.

ACQUISITION TAX

- Issue:** For AP transactions with VAT Acquisition tax type, the Sabrix Tax Process only created AP transaction lines for Input VAT and does not create AP transaction lines for the Output VAT.
- Solution:** The AP Sabrix Tax Process now creates AP transaction lines with VAT Acquisition tax type for both Input and Output VAT. See the ONESOURCE Indirect Tax Integration for Oracle 12 Procure to Pay User Guide for more information.

AP BATCH INVOICE VALIDATION

- Issue:** When using the standard AP Validate functionality for a Payables Invoice Batch, the invoices in the batch require Revalidation and have a hold of Line Variance. This is due to the AP invoices in the batch missing the tax lines for the on-line tax calculation. When running validation for each individual invoice without using batch validation, the individual invoice will validate and have on-line tax calculated invoice lines.
- Solution:** The sabrix_tax_p2p package has been changed to check the document ID as well as the database transaction ID to determine if a new tax determination transaction is needed. Payables invoices can be validated using either batch validation or individual invoice validation processes and the on-line tax calculation completes.

COUNTRY LEVEL PROFILE OPTIONS

- Issue:** The payables online tax calculation was not considering the country level profile options. Profile options defined at the site level were taking precedence.
- Solution:** The Sabrix P2P package has been modified to retrieve country level profile options.

SABRIX SCHEMA

- Issue:** The Sabrix schema name was hard coded for one table. This caused issues when upgrading from previous Integration releases where the schema name was different.
- Solution:** The hard coded schema name was changed to allow selection of a schema where the packages could be installed.

AP PREPAYMENTS

- Issue:** Tax was recalculated at the invoice tax rate on each tax line upon applying an AP invoice to a prepayment. The prepayment tax rate should be used.
- Solution:** The installation has been changed to set the APPLIED_AMT_HANDLING_FLAG column to prorate. To update the column post-install, run the applied amount handling flag script included in the installation zipfile.

INSTALLATION SUB FOLDER

- Issue:** Provide an easy way to identify and document which files must be uploaded to the Application Tier.
- Solution:** A sub folder has been created in the installation package to house the sql files used for concurrent processing that need to be moved to the Application Tier.

ADAPTER

- Issue:** The Integration errors with end-of-input when a proxy server was configured.
- Solution:** To allow the routing of the Determination request via a proxy server a branch has been created in the sabrix_adapter package to aggregate the entire document and replace the transfer-encoding, chunked HTTP header with the content-length HTTP header.

CLOUD OFFERING

- Issue:** The ONESOURCE Indirect Tax cloud offering requires the EXTERNAL_COMPANY_ID to be unique across all Determination companies.
- Solution:** A profile option, eBTax: Sabrix Hosted Unique Identifier, was created to allow a customer to set a value that is then pre-pended to a field mapped to EXTERNAL_COMPANY_ID. The pre-pend is only for the XML/SOAP call, it does not apply anywhere in Oracle.

BUG NOTES

AP PREPAYMENTS

- Issue:** Setting the Sabrix Company profile option SEBMENTx_VALUE and applying an AP Prepayment invoice with different balancing segments to an AP Standard invoice causes the 'Sabrix Tax Process to error'.
- Workaround:** Post the AP Prepayment invoices to the same company segment as the AP Standard Invoice.

SERVICE SUBSCRIPTIONS

- Issue:** In the case where one workflow is installed first and the other workflow is installed on the existing configuration, Service Subscriptions are not created for the second workflow installed.
- Workaround:** The Sabrix Subscribe Operating Unit concurrent program successfully creates the Service Subscription.

AP ALLOCATE MANUAL TAX LINES

- Issue:** AP Allocate manual tax lines from the Tax Details window causes the AP invoice to be out of balance.
- Workaround:** No workarounds have been identified. Opened an SR with Oracle.
- SR:** 3-6199078461

DOCUMENTATION

With this release of ONESOURCE Indirect Tax Integration for Oracle 12, only Product Updates are packaged in the zip file. All other guides will be available for download via the Knowledge Base located in the ONESOURCE Indirect Tax Software Support Network (SSN). To access documents follow these steps:

1. Open the Software Support Network at <https://customer.sabrix.com/>
2. Log on using the **Username** and **Password** assigned by ONESOURCE Indirect Tax Customer Support.

DOWNLOADING THE SOFTWARE

There are two files to download for this release. To download and install this release:

1. Retrieve the *ONESOURCEIDTIntegrationOracle12_5.5.0.0.zip* file from the ONESOURCE Indirect Tax Customer Center. To do so:
 - Open the Customer Center at <https://customercenter.sabrix.com/sabrixcc>
 - Log in using the **User Name** and **Password** provided by ONESOURCE Indirect Tax Technical Support.
 - In the **Available Products** list, verify that the Integration for Oracle 12 **Current Installed Version** is set.
 - Click the **Download** button for the **Integration for Oracle 12**.
 - Save the *ONESOURCEIDTIntegrationOracle12_5.5.0.0.zip* file.
 - Unzip the *ONESOURCEIDTIntegrationOracle12_5.4.0.0.zip* file.
2. Retrieve the *IntegrationOracle12SetupFile.zip* file from the ONESOURCE Indirect Tax Customer Center. To do so:
 - Log in (if not already) using the **User Name** and **Password** provided by ONESOURCE Indirect Tax Technical Support.
 - In the **Available Products** list in the Customer Center, verify that the Integration for Oracle 12 **Current Installed Version** is set.
 - Click the **Download** button for the *Integration for Oracle 12 Setup File*.
 - Save the file *IntegrationOracle12SetupFile.zip*
 - Unzip the *IntegrationOracle12SetupFile.zip* file.
3. Follow the instructions in *InstallGuideONESOURCEIDTIntegrationOracle12_5500.pdf*.