

ONESOURCE INDIRECT TAX INTEGRATION FOR SAP PRODUCT UPDATES

VERSION 6.6.2.0

This document provides the following information:

- [Release Summary](#)
- [SAP S/4 HANA 2020 Compatibility Fixes](#)
- [Download Instructions](#)
- [Previous Releases](#)

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

- [ONESOURCE Indirect Tax Integration for SAP Documentation](#)
- [Past Product Updates](#)

VERSION 6.6.2.0

RELEASE SUMMARY

This release version is intended for customers who are on SAP S/4 HANA 2020 and are looking to implement SAP Global Next 6.6.1.0 version.

- |  If you are on SAP S/4 HANA 2020 and NOT implementing SAP Global Next 6.6.1.0, please reach out to customer support for a patch transport.
- |  If you are NOT on SAP S/4 HANA 2020 but you are implementing SAP Global Next 6.6.1.0, please download Global Next 6.6.1.0 package from Blue Customer Center.

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This 6.6.2.0 release includes all the features and bug fixes from release 6.6.1.0 in addition to SAP S/4 HANA 2020 compatibility fixes.

SAP S/4 HANA 2020 COMPATIBILITY FIXES

AUTHORITY NAMES/DESCRIPTIONS NOT SHOWING UP FOR THE ZITR (RETURNED TAX CONDITIONS FROM INDIRECT TAX DETERMINATION TOOL)

Issue: Authority names/descriptions not showing up on the ZITR (returned tax conditions from Indirect Tax Determination Tool) on Purchase Order and Sales order.

Resolution: Descriptions are now passed to SAP structure RV61A from OneSource Indirect Tax Determination tool TAX response.

SHORT DUMP IN FI LIV PROCESS AFTER UPGRADE TO SAP S/4 HANA 2020 RELEASE

Issue: ABAP Dump in FI LIV process after upgrade to SAP S/4 HANA 2020 release

Resolution: To avoid the ABAP dump, added an additional parameter to call SAP routine from method ADJUST_REV_EXP_TAX_DATA in class /IDT/FI_PROC_LIV_INVOICE.

ISSUE WITH HTTPS CALL AFTER UPGRADE TO SAP S/4 HANA 2020 RELEASE

Issue: SAP reserved some namespaces and that causes ABAP dump during a Tax call.

Resolution : Code changed in /IDT/ADJUST_PROXY to use SABRIX namespace when Security Header is set with IDT Determination username and password.

DOWNLOAD INSTRUCTIONS

To download and install this release:

1. Retrieve the *ONESOURCE/IDT/IntegrationSAP_6620.zip* file from the Customer Center. To do so:
 - Open the Customer Center at <https://tax.thomsonreuters.com/support/onesource/indirect-tax/>
 - Log on using the user name and password provided by Technical Support.
 - Find Integration for SAP (Enhanced Global) in the Available Products list and verify that Installed Version is set to **None**.

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- Click **Download** for Integration for SAP (Enhanced Global).
- Save the file.

2. Unzip the ONESOURCEIDTIntegrationSAP_6620.zip file.
3. Download the 6.6.1.0 User, Install and Programmers, and Configuration Guides from the Support Network at [Customer Support](#).
4. Transport objects that need to be imported are listed below. You do not need to import the transports that are mentioned on the 6.6.1.0 Install guide.

INSTALLING INTEGRATION

IMPORTING TRANSPORT OBJECTS

Thomson Reuters provided transports will need to be imported into the clients Development system to setup ONESOURCE Indirect Tax Integration for SAP. All our objects are in the Thomson Reuters Indirect Tax name space /IDT/. We don't change any customer owned objects.

All Thomson Reuters delivered code and objects are in the /IDT/ name space. None of our transports will directly update SAP owned objects, user-exits, or similar. Once the transports have been successfully imported into your SAP system you will need to perform some manual steps to add coding blocks into SAP objects to call the Thomson Reuters delivered tax interface code.



This install document assumes a fresh install of Integration. If you are a customer who received a pre- General Release version, please contact Thomson Reuters Customer Support. If you are installing this new version into an environment with our prior version 5.x Integration already installed, please contact Thomson Reuters Professional Services to assist you in the upgrade.

If you are upgrading your system from a prior 6.x Integration version, there is an additional upgrade transport that you must do to remove objects no longer used in the new release. This Upgrade transport must be transported and completed first to avoid any errors in the Code transport. Import the provided transports in the following order:

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TRANSPORT	CONTENT
TS4K900074	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Upgrade
TS4K900079	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Code
TS4K900081	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Config
DS4K900856	<p>Thomson Reuters Integration 6.4.5.0 J_1IG_INV India GST STO Only install this one if you are using India GST. Do not install if you have not already applied all of the required OSS notes for India GST as this code is dependent on the notes supplied by SAP.</p> <p>Note: When upgrading Global Next you may already have this transport. In that case there is no need to install</p>
TS4K900078	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - BTE
TS4K900080	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Roles



Generation of some of the ABAP objects imported might take some time. Please make sure to check successful import of each transport before proceeding to the next one in the list.

If you are doing a brand-new install to your system, import the provided transports in the following order. You do not need to use the upgrade transport that is shown above for upgrade customers.

TRANSPORT	CONTENT
TS4K900079	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Code
TS4K900081	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Config
DS4K900856	<p>Thomson Reuters Integration 6.4.5.0 J_1IG_INV India GST STO</p> <p>Only install this one if you are using India GST. Do not install if you have not already applied all of the required OSS notes for India GST as this code is dependent on the notes supplied by SAP.</p> <p>Note: When upgrading Global Next you may already have this transport. In that case there is no need to install</p>
TS4K900078	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - BTE
TS4K900080	Thomson Reuters ONESOURCE IDT Integration 6.6.2.0 - Roles

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See section below about Clearing of Dynamically Generated Code as you will need to run this program as part of your upgrade.



See KB article number 000082741 about possible error in transports load if using custom code with reference to the /IDT/TRAFFIC_CONTROL



Customers on an earlier version of 6.x will need to remove the include in user-exit

EXIT_SAPLV60B_008. With previous release (6.4.5.0) we have removed from the product the included program

/IDT/CE_BILLING_DOC_SAVE_EVENT. You may see an error upon loading the transports if you have not removed this include. If you have not yet removed the include from the user exit, then you will need to do this at this time.

PREVIOUS RELEASES

VERSION 6.6.1.0

The 6.6.1.0 release includes the following new features and several CCM updates to the product:

- Settlement Management – Condition Contract Management for Sales/ Rebate Processing
- Tax Only Invoice support for Finance transactions
- Support for Deferred Tax processing using program RFUMSV50, with additional support for Deferred Reverse Charge scenarios

This release also includes **roll-back** of the following two features from the 6.6.0.0 release:

- Service Entry Sheets – Support for tax indicator and tax tariff code on service master for tax determination. This feature was initially available on the 6.6.0.0 and has been rolled-back as of 6.6.1.0. We have found that in some situations, an out of balance error could occur in the MIRO transaction and we are unable to support this as a standard product. As an alternative you may use USER-EXIT IN FIELD MAPPER. Please refer to Install Guide for more details.
- Increase of the field length of field /IDT/ERP_TAX_CODE

In the 6.6.0.0 release, the length of field /IDT/ERP_TAX_CODE was increased to 12 characters. This was causing long activation time of the KONV tables. With this change, the field length is reverted to the original 6 characters to avoid the issue with re-activation of the KONV table.

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If you require the ERP_TAX_CODE to be more than the standard delivered 6 characters, you may contact Professional Services to add a new field with a different field length.

Important Note for transports:

If you are upgrading from a lower release (6.5.0.0 and below), you will only be required to import the transports associated with this release. **Do not** import transports found on the 6.6.0.0 release.

FIORI APPS COMPATIBILITY

The Global Next 6.6.1.0 version is compatible with the following applications:

- Apps with the type SAP GUI for HTML that support external tax systems.
- Transactional apps supporting external tax systems. Some transactional apps do not have the calculate tax button, and so could not be used with external tax systems. In these cases, SAP has proposed alternative apps to be used instead. An example is the Post Outgoing Payments app, which does not support external tax calculation. In this case, you are advised to use an SAP GUI type app or create a custom tile in the FIORI environment for the F-53 transaction.

FUNCTIONAL CHANGES

DEFERRED TAX SOLUTION FOR RFUMSV50 PROGRAM

Issue: The Integration will be supporting tax calculations on both deferred domestic and deferred reverse charge transactions on the RFUMSV50 program. In line with SAP's strategy for deferred tax transfers, moving forward we will only be enhancing the RFUMSV50 program to support additional countries or functionalities.

Solution: It is recommended to use this solution with S/4 HANA release 1809 and upwards.

SETTLEMENT MANAGEMENT FOR S/4 HANA

Issue: With S/4 HANA, SAP has introduced a new application for calculating sales and purchase rebates using Settlement Management as a replacement to its traditional "Rebates Management" within SAP SD. SAP provides for Sales and Purchase Rebates Processing as a scenario under the Condition Contract Management (CCM). As of release 6.6.1.0, the integration will support SAP processes that are developed for the new Settlement Management functionality and requires usage of the custom pricing procedures with all the related tax and condition types.

Solution: It is recommended to use this solution with S/4 HANA release 1809 and upwards.

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TAX ONLY INVOICE

Issue: As of Release 6.6.1.0, the integration is now providing support for posting tax only adjustments to tax accounts. This feature will enable you to make corrections for VAT invoices, or to account for tax exemption transactions on both A/R and A/P invoices.

Solution: You will be able to make the tax adjustments using the transactions in Finance (SAP Transaction Codes: FB60, FB65, FB70, FB75) when you enter the tax adjustment amount directly against the tax G/L account

TECHNICAL CHANGES

FREIGHT AMOUNT FOR NON-DECIMAL CURRENCIES

Issue: Incorrect Freight Base Amount when SAP Currency has no decimal points.

Solution: Freight Amount adjustment is done in FREIGHT JOURNEY based on Freight currency to send the right amount in the Request.

GROSS AMOUNT IN SERVICE ENTRY SHEETS

Issue: In Service Entry Sheet Gross Amount Calculations, the Price per Unit was not considered.

Solution: The new calculation also considers Price per unit to get the Gross Amount for Service Entry Sheets.

ISSUE WITH MIRO INVOICE CREATION FOR PO WITH SPLIT ACCOUNTING AND PARTIAL GOODS RECEIPT

Issue: For a partial GR scenario there is an ABAP DUMP during MIRO for PO with split account assignment.

Solution: Code changed in LIV route /IDT/ROUTE_NON_GROUP_DOC_LIV to pick the correct lines during Invoice to avoid the ABAP dump.

NO TAX CALL FOR CROSS COMPANY DOCUMENT VIA MIRO

Issue: In Cross Company scenarios where a PO line had a different company code to the header the tax call is not happening.

Solution: Transferred the company code value to Tax Company code field in BSEG to enable a tax call .

ISSUE WITH DEFERRED TAX PROGRAM RFUMSV25

Issue: Deferred Tax program has an incorrect Tax Calculation and incorrect Base Amount for partial payment scenarios

Solution: Code changed to fix the incorrect amounts and each tax call uses its own tax data.

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AUDIT CALL HAPPENING WHEN THERE IS NO TAX CODE ON THE DOCUMENT

Issue: For Customer Invoices posted using FB70 there is an Audit call for documents without a tax code.

Solution: Added a validation check to check there is at least one tax code on the document and that tax code is valid to call ONESOURCE.

GLOBAL NEXT UPGRADE CUSTOMERS PO SAVE ISSUE

Issue: For customers who upgraded from an earlier version of Global Next, there was an error during PO save for specific Global Next config.

Solution: The error was due to blank route name. Added validation to pick route name reference only when route name is populated.

SUPPORT ONE-TIME VENDOR/CUSTOMER TAX REGISTRATIONS

Issue: Tax registrations are not getting passed in the tax call request for ONETIME Vendor / Customer.

Solution: Additional logic now supports Tax registrations (1-5) for ONETIME Vendor / Customer.

ISSUE WITH CREDIT/DEBIT INDICATOR FOR SELF ASSESSMENT SCENARIO

Issue: For Self-assessment scenarios in USA , the Debit Credit indicator is incorrect when there is a mix of Taxable and Exempt lines.

Solution: Code changed to fix the amount signs so that the base amounts are correct and Debit Credit indicator is set correctly.

ISSUES WITH RECONCILIATION REPORT

Issue: Tax code filter and currency values were incorrect.

Solution: Code changed to make the tax code filter work . Local currency code is shown in the report instead of document currency.

ISSUE WITH MASS PROCESSING/CHANGE OF PO

Issue: Batch job for PO is failing due to memory allocation error.

Solution: Change in ABAP logic to get PO line data and add it to buffer to avoid memory errors.

TAX FILTERS IS NOT WORKING WHEN PREPEND IS CONFIGURED IN CONFIGURATION VALUES IN GLOBAL NEXT

Issue: Tax filters is not working when Prepend is added in the General Config values IDT table.

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Solution: Code fixed to get the Company code value from Prepend value so that the filters are applied correctly.

/IDT/BAPI_TAX_CALC.Utility POSTING WITH DIFFERENT DOCUMENT CURRENCY THROWS ERROR

Issue: When Document currency and Company Code currency are different , document has an error and cannot be posted.

Solution: Utility Program /IDT/BAPI_TAX_CALC.Utility amended to use document currency type('00') instead of company code ('10') currency.

CONSISTENCY ON NEGATION FOR ALL THE AMOUNTS GOING TO AUDIT FOR JOURNEY

/IDT/JOURNEY_AUDIT_UPD_DB_GL_GROSS_AMOUNT

Issue: On cancellation documents, Some Amount fields did not have correct sign in the Audit log.

Solution: Changed the sign on Amount fields for cancellation documents to be consistent with debit credit indicator.

ERROR IN DEFERRED TAX AGAINST PARTIAL PAYMENT POSTED ON MULTIPLE ORDERS

Issue: When there are multiple documents for RFUMSV25 program the correct document is not always processed.

Solution: Code changed to get the correct document from BSET when the document from SAP Memory has a different value.

MIRO OUT OF BALANCE ON MIX LINE RECOVERABLE SCENARIO

Issue: There is a problem with allocation of recoverable and non-recoverable portions on MIRO invoice lines.

Solution: Code changed to properly allocate the amounts based on tax code ratios for mix line scenarios.

WRONG DATA IN THE PO WHEN THERE ARE MULTIPLE SERVICES

Issue: When a service PO has multiple services, Gross Amount and product code are incorrect.

Solution: Purchasing Route /IDT/ROUTE_GROUP_PURCHASING has changes to distribute the right gross amounts and product code based on service line.

SALES CONTRACT WITH BILLING PLAN IS NOT SHOWING CORRECT TAXES

Issue: While creating Sales contracts with billing plan the billing plan items do not show the correct taxes.

Solution: Developed a solution to distribute the correct proportion of taxes based on Billing plan amounts.

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TAX CALL FOR FULLY INVOICED SALES ORDER ITEMS RESULTING IN INCOMPLETE STATUS

Issue: When a sales order has lines which are fully invoiced these lines also make a tax call. When there is a connection error the lines then go to incomplete status.

Solution: Additional validations added to check the status of sales order and if it is fully invoiced then the tax call is not made.

BUG NOTES

UPGRADE INSTALLATIONS

Issue: Upgrading from an existing 5.x Integration to the newest version hasn't been fully documented and tested.

Workaround: Engage with Thomson Reuters Professional Services to assist in an upgrade plan and implementation.

HEADER CONDITIONS

Issue: On a cancellation document for a Plants Abroad invoice the header conditions aren't properly displayed.

Workaround: There is no implication to the G/L posting, this issue is cosmetic only.

U.S. SALES TAX PAY AS BILLED SCENARIO WITHOUT A CALL TO DETERMINATION

Issue: Users needed ability to accept US vendor charged sales tax per invoice rather than make a call to have it calculated in Determination.

Workaround: Functionality was added as of release 6.2.0.0 to allow user to enter the tax amount on the vendor invoice and not make a call to Determination. This can only be used with vendor charged tax in US sales tax scenario as no call is made and nothing is recorded in audit. Customers attempting to use this pay as billed function anywhere other than a US sales tax scenario may encounter account allocation issues and audit reporting incongruities for various complex scenarios. We therefore cannot support use of this function for non-US scenarios at this time. Please consult with our Professional Services team if you need further information or to discuss possible usage of pay as billed in other countries.

OVERRIDE_AMOUNT NOT BEING APPLIED ON FREIGHT IN MANUAL TAX SCENARIO

Issue: ME21N with freight condition for US using I1 tax code. MIRO processed with manual taxes (do not check calculate tax button). Expected results: manual tax that is entered gets allocated among line items including freight. Actual result: manual tax isn't being applied to the freight line resulting in wrong allocation.

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Workaround: Currently no work around is available and will result in a possible miss-allocation of the vendor charged tax, however the total tax amount would be assumed to be correct from the vendor. This was a late finding that will be targeted for the next release.

FREIGHT AND MULTIPLE ACCOUNT ASSIGNMENT ON SAME PO AND MIRO LINE ITEM

Issue: When using Multiple Account Assignment (MAA) on PO line item and also inserting a condition type on the line for freight, the allocation of the freight is not handled correctly. A separate MAA freight journey may be required to correctly allocate the freight to the MAA assignments

Workaround: We will work on a correction to this issue in the future release however for now we recommend that you do not use a freight condition when also using MAA on the line item. Handle the freight as a separate GL charge on the MIRO invoice or as a separate line on the order. Professional Services may also be able to assist with other work around options.

NO TAX CALL IN SERVICE ENTRY SHEET FOR SECOND PO LINE ITEM

Issue: Service entry sheet for second PO line item is not doing Tax call.

Workaround: We will work on a correction to this issue in the future release however for now we recommend that you create separate PO for each Service entry line to do the tax call.

MIRO OUT OF BALANCE ISSUE

Issue : If you are on SAP S/4 HANA 1809 and above, you may encounter an out of balance error while manually processing a MIRO transaction. We have observed that this is occurring when OneSource Indirect Tax Determination returns more than one tax code for a single line item.

Workaround : To bypass this error, you may implement SAP Note - 2744266 or you may simulate and post the transaction by navigating to the 'Tax' Tab on the header.

