

ONESOURCE INDIRECT TAX INTEGRATION FOR SAP GOODS MOVEMENT PRODUCT UPDATES

VERSION 2.0.1.0

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

- [ONESOURCE Indirect Tax Integration for SAP Goods Movement Documentation](#)
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VERSION 2.0.1.0

UPDATE SUMMARY

Goods Movement is an Add-on to the ONESOURCE Indirect Tax Integration for SAP 6.x product taking advantage of the new architecture and new table logic now used for global tax. This module is written in ABAP and included within our IDT namespace within SAP in order to provide U.S. use tax accrual calculation on selected movement transaction that are not covered as part of the Integration 6.x logic. Users that are processing a U.S. company code on Integration 6.x version can now integrate their accrual entries for material movements using Goods Movement 2.0.0.0.

UPGRADE NOTE

This is a minor release which will be released along with Global Next 6.4.1.0. If the customer is upgrading to 6.4.1.0 version of ONESOURCE Integration for SAP, and has Goods Movement 2.0.0.0/2.0.1.0/2.0.2.0, then they need to upgrade to Good Movement 2.0.1.0.

Significant performance improvements have been achieved in this release due to adjustments to the field mapping program and table as well as other performance improvements in other areas. Technical code cleanup has also been performed in order to streamline various code and make it easier for programmer understanding and traceability.

As of Integration release 6.4.1.0, the configuration lines are needed to add to the Determine condition Type table so that the "tax data" journey can work for the Goods Movement process in the same way that it works for the other Routes. Please review the *"Determine Condition Type for Taxes"* section in the Install Guide for more details.

New technical improvements are now added for the following areas. Please review the Install Guide for new information on these processes and required configuration if noted in the solution.

FUNCTIONAL CHANGES

None in this release.

TECHNICAL CHANGES

CALC_GM_ITEM-ROUTE_NAME TO BE EXTENDED TO JOURNEY /IDT/JOURNEY_ITEM_REQUEST_GM

Issue: Source CALC_GM_ITEM-ROUTE_NAME needs to be extended to journey /IDT/JOURNEY_ITEM_REQUEST_GM.

Solution: Source CALC_GM_ITEM-ROUTE_NAME is extended to journey /IDT/JOURNEY_ITEM_REQUEST_GM.

PERFORMANCE IMPROVEMENT: USE OF DYNAMICALLY GENERATED CODE FOR FIELD AND BASE MAPPING

Issue: Performance improvements within the field mapping table and programs would be desirable to speed up processing. Other user interface improvements were identified for ease of use.

Solution: Dynamically generated code logic has been put in place for when a field mapping line entry is added to the table or a current line of mapping has been changed. The process will greatly speed up the processing time of the field mapping solution thus allowing for greater throughput and large invoice processing at vastly improved speed. Performance improvements of 15X on 3000 line documents are achieved. See field mapping section of *UserGuideONESOURCEIDTIntegrationSAP_6410* for more information.

Design was developed to allow code to regenerate in each individual client system directly as the transport for the field mapper is moved into the system. This is done at time the mapping line is used for the first time after the change. See notes for further detail within the DATA MAPPING AND STORAGE section of the *User Guide* in the Field Mapper section.

User interface improvements were identified including use of drop down lists for selection of bases, journeys, tables and fields and are set up to be logically dependent upon the journey that is selected. ALV grid display improves the flexibility of the mapping table allowing filters, display formats, and easy download to text or Excel file formats.

A PARAMETER I_REF_TRANSACTION_DATA IN /IDT/JOURNEY BROKE THE GM PROGRAM

Issue: In the process of supporting Gross Calculations in Global Next, we added a parameter I_REF_TRANSACTION_DATA of type class /IDT/CURRENT_TRANSACTION_DATA in /IDT/JOURNEY as mandatory parameters which resulted in dump in GM product.

Solution: Field I_REF_TRANSACTION_DATA is made mandatory in the base journey class /IDT/JOURNEY in the methods BOARD_TRAIN, UNBOARD_TRAIN, and PROCESS_DATA. This lead to a change to add the parameter I_REF_TRANSACTION_DATA to the call of the /IDT/JOURNEY_GM_RESPONSE ->UNBOARD_TRAIN within the GM route. This does not have any change in the behavior of the GM product.

CODE CLEAN UP

Issue: Cleanup of old code that is no longer used is desirable in order to make code easier for users to read and adjust as needed.

Solutions: 1). Removal of old user attribute logic that is no longer used.
2). Removal of old base objects that are no longer used.

PREVENT LOAD_PROGRAM_CLASS_MISMATCH ERROR

Issue: The issue was caused by an SAP consultant adding a field to BSEG and activating it. This resulted in an error LOAD_PROGRAM_CLASS_MISMATCH for the /IDT/* programs.

Solution: Added data dictionary table types /IDT/TAB_BKPF and /IDT/TAB_BSEG which could replace TY_TAB_BSEG and TY_TAB_BKPF throughout the program and thus avoid the error.

BUG NOTES

TAX CALCULATION ON WBS ELEMENTS

Issue: Support for WBS Element based address.

Workaround: WBS Element based addresses can be created as custom address source in the BAdl /IDT/BADI_GM_CUSTOM_ADDRESS.

TAX CALCULATION ON ASSETS

Issue: Support for Assets based address.

Workaround: Asset based addresses can be created as custom address source in the BAdl /IDT/BADI_GM_CUSTOM_ADDRESS.

FEE BASED TAXES RETURNING INCORRECT UOM IN XML

Issue: Fee based taxes returning incorrect UOM

Workaround: There is no current workaround for this scenario however we will fix this in the next release.

DOWNLOAD INSTRUCTIONS

To download and install this release:

1. Retrieve the *ONESOURCEIDTIntegrationGM_2.0.1.0.zip* file from the Customer Center. To do so:
 - Open the Customer Center at <http://customercenter.sabrix.com/sabrixcc>
 - Log on using the user name and password provided by Technical Support.
 - Find Integration for SAP Goods Movement in the Available Products list and verify that Installed Version is set to **None**.
 - Click **Download** for Integration for SAP Goods Movement.
 - Save the file.
2. Unzip the *ONESOURCEIDTIntegrationGM_2.0.1.0.zip* file.
3. Download the User, Install and Programmers, and Configuration Guides from the Support Network at <https://www.onesourceidtsupport.com>

PREVIOUS RELEASES

VERSION 2.0.0.2

UPDATE SUMMARY

Goods Movement is an Add-on to the ONESOURCE Indirect Tax Integration for SAP 6.x product taking advantage of the new architecture and new table logic now used for global tax. This module is written in ABAP and included within our IDT namespace within SAP in order to provide U.S. use tax accrual calculation on selected movement transaction that are not covered as part of the Integration 6.x logic. Users that are processing a U.S. company code on Integration 6.x version can now integrate their accrual entries for material movements using Goods Movement 2.0.0.0.

UPGRADE NOTE

This is a patch release updating the configuration transport of 2.0.0.0 release to be applied on top of 6.4.0.0. version of Global Next. The configuration transport has updated mappings and configuration in the ONESOURCE Menu tables where Product column is now populated with "GM" for the GM routes and Journeys, Product Version and mapping to populate GM route to Attribute45 at line level.

Important note:

1. If the customer is upgrading to 6.4 version of ONESOURCE Integration for SAP, and has Goods Movement 2.0.0.0, then they need to apply this configuration transport released as 2.0.0.2 patch. The transport number is DO4K901249 - Thomson Reuters ONESOURCE IDT GM Integration 2.0.0.2– Config. This transport can be downloaded from the customer center.

FUNCTIONAL CHANGES

PORt GOODS MOVEMENT SOLUTION FROM 1.X TO GLOBAL NEXT

Issue: Port Goods Movement solution from 1.x to Global Next.

Solution: The current functionality of the tax on Goods Movement solution 1.0.2.0 is now ported to support Global Next framework with some bug fixes from the old integrations.

ADD TRANSACTION CODE TO RUN GOODS MOVEMENT PROGRAM

Issue: No Transaction Code to run Goods Movement program.

Solution: Transaction Code /N/IDT/GOODS_MOVEMENT is added to the User Menu as part of Global Next framework.

UNNECESSARY CALL TO DETERMINATION

Issue: At time of posting via BAPI_ACC_DOCUMENT_POST a unnecessary call to Determination occurred.

Solution: This issue was resolved as a part of the Global Next framework.

ADD MAINTENANCE SCREEN TO MOVEMENT TYPE TABLE

Issue: No maintenance screen for the Movement Type table was available.

Solution: Table /IDT/GM_MVMTTYPE (Transaction Code: /N/IDT/MOVEMENT_TYPES) is now added to the User Menu as part of Global Next framework.

TAX DETAILS SCREEN FOR MULTIPLE DOCUMENTS

Issue: No Tax Details screen to view details of multiple documents and export to Excel was available.

Solution: Tax Details button is added to the Tax Results Screen to view tax details of multiple documents that are not posted yet.

PROGRAM RESTRICTS THE POSTING FOR THE CURRENT FISCAL YEAR

Issue: Goods Movement program restricts the posting for the current Fiscal Year for past year transactions.

Solution: Goods Movement program removed the restriction of the posting for the current Fiscal Year.

POSTING FAILING FOR MOVEMENT TYPE 261Q

Issue: Posting failed for movement type 261Q.

Solution: Added code to successfully post for movement type 261Q.

REMOVE ADDITIONAL ENTRIES IN THE LOG

Issue: Unnecessary log entries were written to the log file.

Solution: The unnecessary log entries were written by a call in the BAPI which is now restricted with a FI Process Control entry for Goods Movement.

TECHNICAL CHANGES

SUPPORT FOR ADDITIONAL CUSTOM DATA

Issue: In some situations customers require additional data like posting key, document type, material number or similar be sent as part of the G/L posting process.

Solution: A custom BAdI /IDT/BADI_GM_JE_POST has been provided to populate custom data into BAPI_ACC_DOCUMENT_POST.

SUPPORT FOR CUSTOM ADDRESS SOURCE

Issue: Support for custom address source.

Solution: A BAdI /IDT/BADI_GM_CUSTOM_ADDRESS is provided to support custom address source by the user.

MULTIPLE ORDERS WITH DIFFERENT SHIP TO CALCULATE TAX ON INCORRECT LINE

Issue: For orders with multiple lines with different ship to locations tax is calculated on the incorrect line.

Solution: This issue is resolved by linking line items from MSEG and BSEG tables for accurate tax calculation.

BUG NOTES

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