

ONESOURCE INDIRECT TAX INTEGRATION FOR SAP GOODS MOVEMENT

PRODUCT UPDATES - VERSION 1.0.2.1

This document provides the following information

- [Technical Changes](#)
- [Functional Changes](#)
- [Downloading and Installing this Release](#)
- [Product Updates for Previous Versions](#)

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

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

TECHNICAL CHANGES

TAX POSTING FAILED

- Issue:** When trying to post the accrual document there is an error “Tax posting failed: Taxes by item is activated; consequently, transfer by item is mandatory”. A detail related to this error is provided under OSS Notes 1886654 and 1982803.
- Solution:** This is now fixed by passing the itemno_tax field in the BAPI BAPI_ACC_DOCUMENT_POST for posting successfully without any errors.

FUNCTIONAL CHANGES

POSTING FAILS AS TXJCD MISSING IN BSEG AND MSEG TABLE

- Issue:** As part of OSS notes 2272556 and 1828700, SAP clears the TXJCD value before updating BSEG and MSEG tables which causes failure in the GM program while posting of taxes since the program needs the TXJCD value for successful posting.
- Solution:** This is now fixed by finding the TXJCD in hierarchy from Cost Center, Plant and Company Code respectively when TXJCD is unavailable in BSEG and MSEG at the time of posting.

BUG NOTES

BSET IS POSTED WITH MULTIPLE INCORRECT ENTRIES

- Issue:** BSET is posted with multiple entries and with wrong amounts in wrong fields. This is happening due to an additional call to the RFC in the BAPI.
- Solution/Workaround:** Using GM Program, we are posting the accrual taxes directly to the General Ledger and BSET entries can be ignored. As a work around, the tax code that the accrual document is being posted can be set as non-tax relevant in the tax code properties. This will show the amounts as ‘0’ in the tax amount and tax rate columns though the tax base is still incorrect.

DOWNLOADING AND INSTALLING THIS RELEASE

To download and install this release:

1. Retrieve the *ONESOURCEIDTIntegrationSAPGM_1.0.2.1.zip* file from the Sabrix 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 Technical Support.
 - In the **Available Products** list, find Integration for SAP Goods Movement and set **Current Installed Version** to 1.0.2.0 / G.
 - Click the **Download** button.
 - Save the file.
2. Unzip the *ONESOURCEIDTIntegrationSAPGM_1.0.2.1.zip* file.
3. Move the files to your transport layer and import the transports into your system.

PREVIOUS VERSIONS

[1.0.2.0](#)

[1.0.1.0](#)

[1.0.0.1](#)

[1.0.0.0](#)

VERSION 1.0.2.0

FUNCTIONAL CHANGES

CREDITS WHERE POSTED AS DEBIT TO AUDIT

Issue: For credits/cancellation movement transactions, such as a 202 movement type, a positive amount was posted to the Determination audit.

Solution: Credit/cancellation documents posted by the Goods Movement solution will now post as negative amounts. The credit indicator on the line is still set to Y, as it was before.

SUPPORT ADDITIONAL MOVEMENT TYPES

Issue: Clients wanted to use the solution for a broader scope of movement transactions, such as movements for service orders or internal orders.

Solution: Goods Movement now can take these movement types into account. Table /SABRIX/YTB_GMMT controls allowed movement types, and customers are responsible for maintaining this table.

ADDITIONAL SELECTION CRITERIA

Issue: Limited selection options were provided on the initial screen of the Goods Movement solution.

Solution: Plant was added as a new selection option. A Tax Offset G/L Account was also added to determine how to post the tax liability.

TAX DETAIL VIEW ADDED

Issue: When running the program in test mode, calculated taxes could not be previewed before actual posting to SAP.

Solution: A new drill-down feature has been added to the results screen to see the tax details per SAP jurisdiction levels.

ONESOURCE REBRANDING

Issue: The Goods Movement solution was branded as Sabrix.

Solution: Documentation and end-user facing program components have been rebranded to the ONCESOURCE Indirect Tax product line.

TECHNICAL CHANGES

TAX POSTING FAILED

Issue: The item text on the material document was not passed to the accounting document and posting failed if the screen field was set to be required.

Solution: The item text is now copied from the material document to the accounting document.

BKPF WRONGLY COPIED TO MEMORY Issue: Due to an object mismatch when copying BKPF for use in the tax user-exit ZXFYTU03, a short dump occurred.

Solution: BKPF is now properly exported to memory for later import and use in ZXFYTU03.

WRONG COMMENT RETURNED Issue: Even though a run using the Goods Movement solution was successful and a SAP G/L posting was made, and the Determination audit was updated, the message "Tax calculate/update failed" was raised.

Solution: This is now corrected and the message only is displayed when there is truly an issue with calculating or posting to the Determination audit; otherwise, a "Posting successful" message is displayed.

VERSION 1.0.1.0

FUNCTIONAL CHANGES

ENABLED ADDITIONAL SEARCH OPTIONS ON SELECTION SCREEN New search fields, Special Stock Indicator, G/L Account and Order Type, have been added to the Sabrix Tax for SAP Goods Movement selection screen as additional search criteria.

VISIBILITY TO GOODS MOVEMENT TRANSACTIONS

To identify transactions created by Sabrix Tax for SAP Goods Movement in the Sabrix audit database, a transaction source indicator of "GM" has been mapped to User Attribute 44.

Note: If you are already using Attribute 44 for other purposes, you must use a different field.

OSS NOTE 575644 ENABLED

To support OSS note 57566, XBKPF and XBSEG are now exported from Sabrix Tax for SAP Goods Movement, enabling clients to implement their own logic in the Standard Tax Interface user-exit.

TECHNICAL CHANGES

DELIVERY OF CODE IN A /SABRIX/ NAME SPACE

Problem: Earlier releases of Sabrix Tax for SAP Goods Movement were delivered in the SAP name space, a practice that could lead to object conflicts.

Solution: Sabrix Tax for SAP Goods Movement now uses the /SABRIX/ name space. Only objects provided by Sabrix can use this name space.

UNICODE COMPLIANT

Problem: Sabrix Tax for SAP Goods Movement was not Unicode compliant.

Solution: Portions of the Sabrix Tax for SAP Goods Movement ABAP Code have been rewritten. Sabrix Tax for SAP Goods Movement is now entirely Unicode compliant.

MATKL REMOVED FROM ABAP CLASS

Problem: Sabrix Tax for SAP Goods Movement import issues occurred because the MATKL field was a program requirement.

Solution: The MATKL field has been removed from the user-exit method of the Sabrix Tax for SAP Goods Movement ABAP class.

TAX JURISDICTION CODE RETURNED ON INTERNAL ORDER TYPES

Problem: The tax jurisdiction code, TXJCD, was not determined on internal order types that did not have a ship-to partner.

Solution: For internal order types that do not have a ship to partner, the tax jurisdiction code on the material document (table MSEG) is used. The system checks for the TXJCD in this order:

1. Ship-to on order, if not on order
2. Check MSEG, if not MSEG
3. Check Cost Center, if not in Cost Center
4. Check Plant, if not in Plant
5. Error

BSEG-TXJCD POPULATED WITH THE JURISDICTION CODE

Problem: In ECC 6.0, the BSEG-TXJCD was not populated with the jurisdiction code without using a user-exit.

Solution: A new BAPI ensures that the jurisdiction code is in the BSEG-TXJCD without requiring a user-exit.

VALUES POPULATED TO THE CORRECT ATTRIBUTE FIELDS

Problem: Data written to the user attributes in the ETXDCI table did not match the data in the same user attributes in the Sabrix tax engine.

Solution: The update call now uses the correct data structure, allowing the values in the ETXDCI table to populate the correct attribute fields.

TAX CODE POPULATED ON FI DOCUMENT

Problem: The Sabrix Tax for SAP Goods Movement selection screen required a tax code, but the tax code did not get populated on the resulting FI document.

Solution: A new posting BAPI ensures the tax code is populated correctly on the FI document, which allows postings to a tax account.

TAX TYPE MAPPED

Problem: The SAP Standard Tax Interfaces fills the TAX_TYPE from the tax category, but in Sabrix Tax for SAP Goods Movement, TAX_TYPE was not mapped, which caused the company role to change from buyer to seller.

Solution: The TAX_TYPE is now mapped and the company role will remain “buyer” when the APAR_IND is V, and the TAX_TYPE is 1. The APAR logic is as below:

APAR=V

| | | |
|----------------|--------|--------------|
| Tax Type=0 | Role=S | Tax Code: I1 |
| Tax Type Blank | Role=S | Tax Code: I1 |
| Tax Type=1 | Role=B | Tax Code: U1 |

APAR=A

No tax type and the company role is always Seller.

CREDITS / DEBITS FROM BSEG POSTING CORRECTLY

Problem: Sabrix Tax for SAP Goods Movement used an odd/even logic to determine which BSEG lines to process, potentially causing incorrect credits instead of debits.

Solution: Sabrix Tax for SAP Goods Movement now looks at the field in BSEG-SHKZG and now correctly indicates either a credit (H) or a debit (S).

CREDIT_IND AND COUNTRY FIELDS MISSING

Problem: The CREDIT_IND and COUNTRY fields were not set by Sabrix Tax for SAP Goods Movement.

Solution: The COUNTRY field is now mapped from the company code and the CREDIT_IND field is associated to the movement type.

- When the movement type is a debit, the credit indicator “1” will be sent.
- When the movement type is a credit, it will be blank, which will lead to a credit posting in Sabrix.

DOCUMENTATION UPDATES

Installing and Configuring the Sabrix Tax for SAP Goods Movement Application guide: Several minor typographical errors were fixed and other minor enhancements were made.

VERSION 1.0.0.1 UPDATES

FUNCTIONAL CHANGES

ENHANCEMENT: ADDED ACCOUNTING INDICATOR TO SELECTION SCREEN

An enhancement was implemented to allow selection based on accounting indicator (MSEG-BEMOT).

VERSION 1.0.0.0 INITIAL RELEASE

PRODUCT OVERVIEW

This section highlights some of the key features of this initial release of the Sabrix Tax for SAP Goods Movement. For more information, see the *Installing and Configuring Sabrix Tax for SAP Goods Movement*.

Corporations using SAP R/3 can now improve their tax accuracy by integrating with the Sabrix Solution for SAP Goods Movement transactions. Doing so enables fast, accurate use tax results and a complete audit trail from which you can generate both standard and custom reports, as well as information to assist in returns preparations. This integration is enabled by the SabrixConnection for SAP and a Sabrix developed application, the **Sabrix Tax for SAP Goods Movement** application.

SAP provides a standard tax interface to communicate with external third-party tax software. The SabrixConnection for SAP makes use of this tax interface and has been certified by SAP. The Sabrix Tax for SAP Goods Movement solution enhances the existing SAP tax process to also calculate tax on certain goods movements within SAP which the current SAP standard tax interface does not consider as tax relevant. With the Sabrix Tax for SAP Goods Movement solution, this major gap is closed.

The Sabrix Tax for SAP Goods Movement is:

- **Developed by Sabrix.** Standard SAP tax processing does not include functionality for computing and recording tax on post-purchase goods movement transactions. Sabrix has developed this solution to enable Sabrix customers who use SAP to select goods movement transactions and calculate tax on those transactions.
- **Applicable to US goods movement transactions.** The application was built to determine and accrue tax on internal goods movement transactions created using SAP transaction MB1A. It includes a parameter selection screen to allow the user to specify which movement types they want to consider for tax processing as well as a custom report with drilldown capabilities for reviewing results and related SAP system documents.
- **Able to simulate the tax determination results for a set of proposed goods movement transactions.** This is accomplished through the use of a checkbox which indicates that the transaction is to be sent to Sabrix for tax determination but will not be posted to the SAP general ledger or to the Sabrix Audit & Compliance Database.
- **Fully Integrated with the Sabrix Solution for tax calculation.** The Sabrix Solution automatically determines tax based upon the attributes of a transaction, requiring no manual tax decisions during transaction processing. The Sabrix Solution will consider the goods movement-related data that is passed from SAP to make tax determination decisions. The determined taxing jurisdictions and calculated tax amounts will be passed back to SAP for posting to the SAP general ledger.
- **Architected to ensure synchronization between SAP and Sabrix.** The Sabrix Tax on SAP Goods Movement solution is architected so that postings to the SAP general ledger and postings to the Sabrix Audit & Compliance Database will occur in a synchronized fashion. This results in accurate reconciliation between the two sources of tax data.
- **Based on a solid, integrated architecture.** The Sabrix Tax for SAP Goods Movement application makes use of the SAP-certified SabrixConnection for SAP architecture which also employs SAP-provided tax RFCs (Remote Function Calls) and SAP's JavaConnector (JCo) to enable the integration.
- **Simply installed through the use of an SAP transport.** It is an ABAP object-oriented program that can be easily installed by the local SAP Basis team. Following installation, a small amount of system configuration is completed in SAP.
- **Available from Sabrix to customers using SAP and the SabrixConnection for SAP.** To obtain more information on this application, please contact your Sabrix Account Representative.

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