ONESOURCE GLOBAL TAX FOR SAP ARIBA SOLUTIONS
PRODUCT UPDATES

VERSION 2.2.4.7

This document provides the following information

- [Update Summary](#)
- [Functional changes](#)

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

- [Tax for SAP Ariba Solutions 2.2.4.7 Documentation and Platform Support](#)

Update Summary

ONESOURCE Global Tax SAP Ariba solution (OSGTA) 2.2.4.7 release to enhance OSGTA 2.2.4.6 security features. through Spring boot upgrade from version 3.0.2 to 3.2.4. This version has also been enhanced to improve the

Technical change

Upgrade OSGTA code from Spring boot 3.0.2 to 3.2.4.

Issue: The One Source Global Tax for Ariba (2.2 4.6 v2 and v3) code base is built on Spring boot 3.0.2 without the enhanced capacity to utilize all security fixes and enhanced productivity features available in the most current release 3.2.4.

Solution: Upgrade OSGTA 2.2.4.6 solution to support version 3.2.4 from 3.0.2 to take advantage of all improved features for higher productivity and enhanced security.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (OSGTA) 2.2.4.6 release to enhance OSGTA 2.2.4.5 to support VCTV features on IDT Determination.
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Functional change

Support for VCTV features from IDT Determination tax engine.

Issue: OSGTA v2.2.4.5 supports Vendor Charge Taxes based on Ariba request payload and vendor charged features on Ariba only. It does not support the configurable VCTV features available on the IDT tax engine

for Undercharge, Overcharge and No Difference scenarios among other featured. As a result, customers are unable to configure and use these available configurations on the tax engines for tax calculation transactions

Solution: Enhance OSGTA 2.2.4.5 v3 solution to enable customers utilize the available features for VCTV on the tax determination for their transactions.

This VCTV feature is only supported and available on OSGTA 2.2.5.0 enterprise cloud version.

This version also requires the deployment of IDT determination v 2020 and above. Customers currently on the enterprise cloud version do not need any additional change on the determination URL to use this solution. To utilize the VCTV feature customers will need to follow the configuration steps below:

1. Enable VCTV company on IDT tax engine based on ONESOURCE IDT Configuration guide.
2. Configure all relevant VCTV features based on ONESOURCE IDT configuration guide.
3. Configure the Common UI platform for VCT configurations by setting the UI option to yes.
   The default setting on the Common UI platform for Ariba is No.

Scope of VCTV Features in OSGTA 2.2.5.0.

The supported VCTV features in this release include the following:

- Undercharge (UC), Overcharge (OC) and No Difference (ND) VCT transactions.
- Direct Pay Permit (DPP)- State only
- Buyer Payable Tax.
- IDT Invoice Tolerance configuration.
- Vendor Charged Tax Allocation -Tax Rate only
- Support for Standard Invoices, Line-Item Credit Memo and Line-Item Debit Memo
- Header Level Taxes only due to VCTV support for Header Vendor Tax only and prorated response for Line level taxes only.

The benefits of the VCTV feature include the following:

- Enhanced capacity for OSGTA Invoicing to support VCTV based on VCTV IDT configuration.
- Provides OneSource IDT Guidance for tax accrual responses to Ariba
- Facilitates distribution of VCT to various tax authority levels for easy compliance reporting and payments based on different configuration options
- Ensures accurate processing of US Direct Pay Permit tax transactions based on IDT configurations

Update Summary

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ONESOURCE Global Tax SAP Ariba solution (OSGTA) 2.2.4.5 is a maintenance release to fix a bug on OSGTA.
 2.2.4.4 which generates a wrong taxable amount response on some Credit memo transactions.
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Functional change

Wrong taxable amount on OSGTA response for credit memo transactions with tax negations.

Issue: The taxable amount on One Source Global Tax for Ariba (OSGTA 2.2.4.4 v3) ERP posting call response
               for Credit Memo transactions should be negative for all transactions. However, on OSGTA 2.2.4.4
               the ERP posting response to Ariba negates the summary tax amount for all Line-Item Credit Memo
               transactions with reversed taxes including IM, ER, RC, AR and IR. This negation leads to the
               generation of a wrong positive taxable amount as well as creates posting errors when the transactions.
               are further integrated into ERP's due to accounting discrepancies.

Solution: Debug OSGTA 2.2.4.4 v3 solution to fix the bug on OSGTA 2.2.4.4 to ensure effective processing of
               all Line-item Credit Memo transactions and successful posting of reconciled OSGTA tax invoices to all
               ERP's.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.2.4.4) is an enhancement release to support application.
 of Texas local limit rule on OSGTA 2.2.4.3 solution.
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Functional change

Enhancement of Tax rate mapping for US locations with local tax limit exemptions.

Issue: The One Source Global Tax for Ariba (2.2.4.3 v3) standard Onesource mapping for Ariba source
               system tax rate field is TAX_RATE. However, when a local tax limit is applied to any OSGTA tax
               calculation request at any authority level, the result returned by the standard mapping shows a
               discrepancy between the tax rate and the tax amount due to the application of

the limit. This discrepancy is captured in source system response to Ariba file and may lead to posting.
of unbalanced transactions on ERP's if the Okay to file is further integrated into ERPs

Solution: Enhance OSGTA 2.2.4.3 v3 solution to support the local tax limit tax scenarios in US tax jurisdiction
to facilitate effective processing of all Ariba invoices without any discrepancies between tax rate and
tax amounts in the Ariba source system response.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.2.4.3) is a maintenance release to fix null pointer error on OSGTA.
 2.2.4.2 solution.

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Functional change

Correction of Null-pointer errors on ERP posting response for reconciled Ariba invoices .

Issue: The One Source Global Tax for Ariba (2.2.4.3 v3) contains a bug which generates a Null pointer error
on the ERP Posting call when Tax Code Qualifier is configured for processing taxes in India or Vietnam
and buyer selects Determination calculated taxes while reconciling Ariba invoices in partial tax accrual
transaction scenarios.

Solution: Debug OSGTA 2.2.4.2 v3 solution to support the partial tax accrual scenarios in India and Vietnam
to facilitate complete processing and reconciliation of Ariba invoices.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.2.4.2) is a maintenance release to enable OSGTA.
 2.2.4.1 solution process multiline invoices with buyer tax omissions on some invoice lines

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Functional change

Support for multi-line invoices with null taxes on ERP posting response.

Issue: The One Source Global Tax for Ariba (2.2.4.1 v3) contains a bug which prevents the integrations
from processing multi-line invoices which contains invoice lines with null taxes on some lines and taxes
on others. This causes a tax line mismatch between the request payload and integration ERP posting
response sent to the source system when the null taxes are corrected during invoice reconciliation on
Ariba.

Solution: Debug OSGTA 2.2.4.1 v3 solution to support all multi-line invoices with null tax lines to facilitate proper.
alignment of the ERP posting tax response to the source system request.

Update Summary

ONESOURCE Global Tax for SAP Ariba solution 2.2.4.1 is a maintenance release to technically enhance the security
features of OSGTA 2.2.4.0 solution.

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Technical change

Upgrade from Spring boot 2.6 to 3.0.2

Issue: The One Source Global Tax for Ariba (2.2 4.0 v2 and v3) code base is on Springboot 2.6 without the
enhanced capacity to utilize all security and enhanced productivity features available in the
subsequent releases up to 3.0.2.

Solution: Upgrade OSGTA 2.1.4.0 solution spring boot to 3.0.2 (JDK 17) to take advantage of all improved features
for higher productivity and enhanced security.

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Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.2.4.0) is an enhancement release for OSGTA 2.1.4.0 to support tax exempt mapping on Onesource Integration UI.

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Functional change

Support for Tax Exemption mapping feature on OSGTA Integration UI

Issue: The One Source Global Tax for Ariba (2.1.4.1 v3) ERP posting call response for tax exemption scenario sends tax percent, tax amount and taxable amount as zero based on the tax engine response. However, some customer ERPs are unable to post reconciled invoices successfully when. the taxable amount on the reconciled invoice is received as zero.

Solution: Update OSGTA 2.1.4.0 v3 solution to support tax exemption mapping as an optional configuration on the UI to facilitate mapping of taxable amount to the exempt amount for all tax-exempt scenario. This will ensure successful posting of all transactions irrespective of the tax exemption status and type of ERP deployed by our customers. (See attached configuration guide)

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.1.4.0) is an enhancement release for OSGTA 2.1.3.1 to support external tax types configured on Onesource tax engine with numerical designators.

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functional change

Support for External Tax types with numerical designators on Ariba API 2/OSGTA v3

Issue: The One Source Global Tax for Ariba (2.1.3.1 v3) source system response for ERP posting call does not support external tax types with numerical designators. As a result, the integration response for ERP posting call contains incomplete information which leads to

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to reconciliation errors on Ariba invoices.

Solution: Update OSGTA 2.1.3.1 v3 solution to support tax types with numerical designators to facilitate elimination of reconciliation errors generated from Ariba source system response. for ERP posting calls due to tax type mismatch.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.1.3.0) is a maintenance release to fix defects on OSGTA 2.1.2.0.

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Functional changes

Taxable amount error for VCT tax exempt scenario

Issue: The One Source Global Tax for Ariba (2.1.2.0 v3) source system response for ERP posting call returns a zero taxable amount for tax exempt scenario when Vendor Charged Tax is accepted in line with the standard field mapping. As a result, a wrong taxable amount of zero is sent to Ariba as part of the posting component on the Okay to pay file which may lead to posting errors during ERP integration.

Solution: Update OSGTA 2.1.2.0 v3 solution to send the invoice amount as taxable amount for all tax-exempt scenario when VCT is accepted for successful completion of invoice reconciliation and integration of the reconciled documents into all ERPs.

Discrepancy between summary tax rate on source system response and tax authority rates

Issue: The One Source Global Tax for Ariba (2.1.2.0 v2 and v3) tax calculation response for invoices with multiple tax authorities shows a rounding discrepancy between the tax result at summary level and. the tax components at the Authority level

Solution: Debug OSGTA 2.1.2.0 v2 solution to ensure proper processing of all multi-tax invoices with the correct tax amounts at both the summary and tax components.

Update Summary

ONESOURCE Global Tax SAP Ariba solution (2.1.2.0) is a maintenance release to fix defects on OSGTA 2.1.1.0.
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Functional changes

ERP Posting call error for Partial tax accrual scenario

Issue: The One Source Global Tax for Ariba (2.1.1.0 v3) source system response for ERP posting call makes two calls to the Determination Audit Data base for partial tax accrual scenario. This leads to documentation of unwanted information and inconsistency in report format.

Solution: Debug OSGTA 2.1.1.0 v3 solution to ensure OSGTA ERP posting call only record one reconciled invoice data with the correct company role for partial tax accrual scenario.

Wrong company role for discounted invoices without vendor taxes

Issue: The One Source Global Tax for Ariba (2.1.1.0 v2) tax calculation response for discounted invoices without vendor charged taxes generates is processed with a wrong company role- Seller.
This may lead to inconsistent tax results in some US tax locations

Solution: Debug OSGTA 2.1.1.0 v2 solution to ensure proper processing of discounted invoices with the correct Company role for all invoices with header discounts on catalog or non-catalog items.

Wrong Custom Field Configuration Error

Issue: OSGTA   2.1.2.0 was unable to process Ariba Source system requests with custom fields due to wrong mapping on the integration data base.

Solution: Enhance OSGTA 2.1.2.0 v3 solution to ensure effective partition of all custom fields in the integration data base as well as successful processing of all Ariba source system requests with custom fields. Company role for all invoices with header discounts on catalog or non-catalog items.

Update Summary 2.1.1.0

ONESOURCE Global Tax SAP Ariba solution (2.1.1.0) is a maintenance release to fix a defect on OSGTA 2.1.0.0. .as well as to enhance the OSGTA integration log retention period.

Functional changes

Currency code discrepancy on tax calculation response

Issue: The One Source Global Tax for Ariba (2.1.0.0) source system response for tax calculation call generates different currencies at summary header and posting components when tax calculation calls are made on multi-line, multi-currency invoices posted with DDP incoterm. This leads to inconsistent results on the reconciled invoices on Ariba.

Solution: Debug OSGTA 2.1.0.0 solution to ensure OSGTA tax calculation response returns same currency at summary and tax component level for all multi-line and multicurrency transactions with incoterms.

Issue: One Source Global Tax for Ariba (2.1.0.0) log retention period is set at 7 days. Based on customer request, there is a need to increase the retention period to enhance customer services

Solution: Enhance the log retention period from 7 days to 30 days in line with customer request to eliminate all customer service-related issues.
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Update Summary 2.1.0.0

ONESOURCE Global Tax SAP Ariba solution (2.1.0.0) is a maintenance release to fix a defect on OSGTA 2.0.3.4

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Functional changes

ACCRUAL FLAG ERROR

Issue: The One Source Global Tax for Ariba (2.0.3.4) source system response for ERP posting call
is generating wrong accrual flag status for total and under tax accrual scenarios in some locations.
. As a result, Ariba is unable to integrate the reconciled invoices into ERPs with the correct accrual status.

Solution: Debug OSGTA 2.0.3.4 solution to ensure OSGTA sends the expected tax accrual status for all
tax jurisdictions and scenarios on the ERP posting call response for successful integration

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