

NetSuite 2023.2 Release Notes

Revision Date: January 29, 2024
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Important: This document summarizes the changes to NetSuite between 2023.2 and the previous release.

These release notes are subject to change every week.

Ensure you review the release notes section of the [Help Center Weekly Updates](#) for a list of the changes made in this build of the release notes.

The 2023.2 enhancements and changes listed in this document are not available to customers until they are upgraded to NetSuite 2023.2. Please check the version number at the bottom of your Home page if you are unsure which NetSuite version you are using. The features and SuiteApps described here may not be available in your NetSuite account. Your access to these features and SuiteApps is subject to the terms of service in your NetSuite contract. Some features may require extra purchase.

Click the following links for details about product changes:

NetSuite

NetSuite · Accounting

- [Budget Legacy Record and Custom Segments in SuiteAnalytics](#)
- [Kit/Package Item Prospective Merge Calculation Enhancements](#)
- [Prospective Merge Exchange Rate Enhancement](#)
- [NetSuite Account Reconciliation Now Available](#)
- [Customer GL Lines on New Transaction Types](#)
- [Fixed Assets Management Enhancements](#)
- [Transaction Line Distribution Enhancements](#)
- [Brazil Localization Enhancements](#)
- [India Localization Enhancements](#)
- [Support for Japan Electronic Bookkeeping Act](#)
- [Japan Localization Enhancements](#)

NetSuite · Account Setup and Maintenance

- [Enhanced Security for Roles and Permissions](#)

- [Line Item IDs in System Notes](#)

NetSuite · [Authentication](#)

- [End of Support for SMS/Voice Call for 2FA](#)
- [Outbound Single Sign-on \(SuiteSignOn\) End of Support Targeted for NetSuite 2024.2](#)

NetSuite · [Banking](#)

- [Cash 360 Enhancements](#)
- [Payment Automation Version 2.0 Is Now Available](#)
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- [Brazil Localization Enhancements](#)
- [Change to Date of Imported Bank Transactions Using Bank Feeds](#)
- [Australia Bank Feeds SuiteApp Now Available](#)

NetSuite · [Employee Management](#)

- [Affordable Care Act \(ACA\) Reporting SuiteApp Help Videos](#)

NetSuite · [Globalization](#)

- [Country Name Change for 37 Countries](#)

NetSuite · [Inventory Management](#)

- [Supply Planning Lot Sizing Options for Minimum Order Quantity](#)
- [Update to Default Unit on Inventory Transactions](#)
- [Warehouse Management Enhancements](#)
- [Quality Management](#)
- [SCM Mobile Enhancements](#)
- [Smart Count Enhancements](#)
- [Item 360 Dashboard Enhancements](#)
- [Brazil Localization Enhancements](#)

NetSuite · [Manufacturing](#)

- [Costed Bill of Materials SuiteApp Enhancements](#)
- [Manufacturing Mobile Enhancements](#)
- [Work Instructions and Traveler SuiteApp Enhancements](#)

- Brazil Localization Enhancements
- Brazil Reports Enhancements

NetSuite · NetSuite Connector

- Amazon Shipping Labels Sync
- Shopify Payout Report Sync
- New Connector for Amazon Vendor Central
- Order Corrections in NetSuite Connector
- SuiteTax Now Supported in NetSuite Connector

NetSuite · NetSuite CPQ

- Viewing Usage Metrics
- Setting Transaction Body and Line Fields Based on Configuration Data
- Extended Support for Get Functions on Action Record
- Using Non-Inventory Items as Base Items
- Supporting SuiteCommerce Themes
- Update to Enable External Launch Option
- Clearing Hidden Questions or Answers
- New Predefined Rules
- New sresolve() Function
- Automatically Creating Documents with Proposal Generator
- Accessing Configuration Records from Transactions
- Added Predefined Rule for Selected Tab
- Added Rule Operators to Verify Answer Value
- Updates to Group Record
- Updates to Guided Selling Shopping Cart
- Delete Button for Guided Selling Products
- Enhancements to Item Creation Process
- Updates to Favorites
- New Options for Editing and Removing Line Items
- New Option for Importing and Updating Products

NetSuite · Order Management

- New Commit Plus Overage Feature in SuiteBilling
- New Make Copy Function in Billing Accounts
- New Make Copy Function in Subscriptions

- Customize a Subscription Pricing Sublist
- Subscription Item Line Location Sources
- Canada Sales Tax Reports SuiteApp Update
- Electronic Bank Payments Enhancements
- Electronic Invoicing Enhancements
- NetSuite Pay Now Available
- Ship Central Enhancements
- Brazil Certification Tax Authorities Enhancements
- Brazil Localization Enhancements
- End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC
- Support for Japan Electronic Bookkeeping Act
- Japan Localization Enhancements
- Saudi Arabia E-Invoicing Now Available in the SuiteApp Marketplace
- Singapore Localization Enhancements
- Singapore PEPPOL-Ready E-Invoicing Enhancement
- Rebates and Trade Promotions Enhancements
- Support for Volume or Tiered Rebates
- Rebates and Trade Promotions Enhancements
- Rebates and Trade Promotions Installation Issue Fix

NetSuite · Projects

- Project Billing and Revenue Usability Improvements
- Project Plan Improvements
- Time and Expenses Enhancements
- Project 360 Dashboard Enhancements
- Updated Maximum Load for Projects with Charges and Invoices

NetSuite · SuiteAnalytics

- User Interface Enhancements to SuiteAnalytics Workbook
- Downloading and Installing the ADO.NET Driver
- New Record Mapping Added for SuiteAnalytics Connect
- Latest ODBC Driver Version Available
- New NetSuite.com to NetSuite2.com Map Available for SuiteAnalytics Connect
- Latest JDBC Driver Version Available
- Change to SuiteAnalytics Connect and SOAP Web Services Fields
- End of Support for HTML Code in Saved Search Formula (Text) Fields
- Enhancement to Saved Search Criteria

- Access NetSuite Analytics Warehouse by Single Sign-On
- Dashboard Tiles Enhancement
- Advanced SaaS Metrics Now Available

NetSuite · SuiteApp Distribution

- Bundle Support During Release Phasing

NetSuite · SuiteCloud Development Framework

- Enhanced Feature Dependency Support for itemcustomfield

NetSuite · SuiteCloud SDK

- 2023.2 SuiteCloud Extension for Visual Studio Code Is Now Available
- 2023.2 SuiteCloud CLI for Node.js Is Now Available
- 2023.2 SuiteCloud IDE Plug-in for WebStorm Is Now Available
- 2023.2 SuiteCloud CLI for Java Is Now Available
- Credentials File Changes for All SDK Tools
- Third-party Libraries Updates for All SDK Tools

NetSuite · SuiteScript

- 2023.2 SuiteScript Records Browser
- N/crypto/random Module
- Alternative Character Encoding for Files in Suitelet Responses
- Removal of the ExtJS Library

NetSuite · SuiteTalk Web Services Integration

- Fully Supported Record Types for REST Web Services in 2023.2
- SOAP Web Services Version 2023.2
- Araxis Merge Diff File for the 2023.2 Endpoint
- 2023.2 SOAP Schema Browser

NetSuite · Taxation

- SuiteTax
 - Multiple Shipping Routes in SuiteTax
 - Automated Calculation of Consumer's Use Tax for SuiteTax Engine

- Tax Reporting Framework Enhancements
 - Manual Submission and Multiple Nexuses Support
 - Belgium Localization Tax Reports Enhancements
 - France Localization FEC Report Enhancement
 - Netherlands Localization Tax Reports Enhancements
 - New Spain Localization SuiteApp
 - Spain Localization Enhancements
- Legacy Tax
 - End of Support for Germany GoBD in Tax Audit Files
 - International Tax Reports Enhancements
 - Denmark VAT Report 2023 Update
 - Luxembourg VAT Report 2023 Update
 - Non-VAT Header Support for Philippine VAT Reports
 - Singapore GST F5 Return Enhancement
 - Germany Monthly and Quarterly VAT Report 2023 Update
 - Philippines VAT RELIEF Reports Update
 - International Tax Reports Issue Fixes
 - International Tax Reports 3.127.1 Issue Fixes
 - International Tax Reports 3.127.0 Issue Fixes
 - International Tax Reports 3.126.0 Issue Fixes
 - ANZ Localization Enhancements
 - Belgium Localization Tax Reports Enhancements
 - France Localization FEC Report Enhancement
 - Portugal Invoice Certification Enhancements
 - Portugal Localization Enhancements

NetSuite · User Interface

- NetSuite Guided Learning Tool
- Maximum Number of Saved Searches in the Navigation Menu
- Removal of the Ext JS Library
- Changes to Supported Safari Browser and Mac OS Versions
- Enhancements for Current Page Results

NetSuite · Vendors, Purchasing, and Receiving

- Enhancements to Bill Capture
- Email Enhancements for Transaction Email Capture
- Vendor Bill Sender Permission for Transaction Email Capture
- Brazil Certification Tax Authorities Enhancements

Commerce

Commerce · Commerce Sales and Marketing

- [Intelligent Recommendations Available by Default in All Accounts](#)

Commerce · [SC/SCMA/SCA — SuiteCommerce Solutions](#)

Note: For a comprehensive list of 2023.2 releases of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced (including minor releases), see [SC/SCMA/SCA — SuiteCommerce Solutions](#).

- [Out of Stock Message](#)
- [Item Quantity Updates in Shopping Cart](#)
- [SuiteCommerce Base Theme Improvements](#)
- [Configuration Properties Updates](#)
- [Node.js Requirement](#)
- [Third-Party Library Updates](#)
- [Issue Fixes](#)

Commerce · SuiteCommerce InStore

- [Release Summary](#)

SuiteApps

SuiteApps · SuiteApps (Bundles) Released by NetSuite

- [Accounting SuiteApps](#)
- [Banking SuiteApps](#)
- [Inventory Management SuiteApps](#)
- [Localization SuiteApps](#)
- [Manufacturing SuiteApps](#)
- [Order Management SuiteApps](#)
- [Projects SuiteApps](#)
- [SuiteAnalytics SuiteApps](#)
- [SuitePeople SuiteApps](#)
- [Taxation SuiteApps](#)
- [Vendors, Purchasing, and Receiving SuiteApps](#)

- Wholesale Distribution SuiteApps

Accounting

This release note was updated [October 9, 2023](#).

NetSuite 2023.2 includes the following enhancements to accounting features:

- Budget Legacy Record and Custom Segments in SuiteAnalytics
- Kit/Package Item Prospective Merge Calculation Enhancements
- Prospective Merge Exchange Rate Enhancement
- NetSuite Account Reconciliation Now Available
- Customer GL Lines on New Transaction Types
- Fixed Assets Management Enhancements
- Indirect Cost Allocations for Grant Enhancements
- Transaction Line Distribution Enhancements
- Brazil Localization Enhancements
- India Localization Enhancements
- Support for Japan Electronic Bookkeeping Act
- Japan Localization Enhancements

Budget Legacy Record and Custom Segments in SuiteAnalytics

A new record type, Budget Legacy, has been added to SuiteAnalytics. This new record supports custom segments on budgets in SuiteAnalytics datasets. To access this new record, click **New Dataset** on the Dataset subtab of the Analytics Home page. Then select the Budget Legacy root record type.

Previously, NetSuite did not support adding custom segment fields to the Budget Dataset. Now, if you create a custom segment for a budget, the field appears on the Budget Legacy Dataset page.

For more information about workbooks and datasets, see the help topic [Custom Workbooks and Datasets](#).

For more information about budgets, see the help topic [Budgets in NetSuite](#).

Kit/Package Item Prospective Merge Calculation Enhancements

This release includes enhancements to how NetSuite calculates revenue recognition plan amounts for kit/package items that meet the following criteria during a prospective merge:

- **Auto-Expansion for Revenue Management** box is checked on the kit/package item.
- The revenue arrangement contains multiple kit component elements with different Create Revenue Plans On types. For more information about the **Create Revenue Plans On** field, see the help topic [Item Configuration for Advanced Revenue Management \(Essentials\) and \(Revenue Allocation\)](#).

Previously, running a prospective merge for a revenue arrangement that has kit component elements with different Create Revenue Plans On types often resulted in incorrect revenue plan amounts on the new revenue arrangement. Now, the revenue recognition plan amounts on the new revenue arrangement are accurate after running a prospective merge. For more information about kit/package items, see the help topic [Auto-Expansion of Kit Items](#).

Prospective Merge Exchange Rate Enhancement

This release includes an enhancement to the exchange rate calculation after prospectively merging revenue arrangements with different foreign currency exchange rates.

Previously, the exchange rate in a prospective merge was the Residual Sales Amount (base currency) divided by the Residual Sales Amount (revenue arrangement currency).

Now, the exchange rate does not change after running a prospective merge. The exchange rate in a prospective merge is the Prorated Discounted Sales Amount (base currency) divided by the Prorated Discounted Sales Amount (foreign currency). For more information about prospective merges, see the help topic [Prospective Merges](#).

Four new fields appear on the revenue element subtab and revenue element record. For more information about these fields, see the help topic [Revenue Element Field Reference](#). These fields only appear when the Advanced Revenue Management (Revenue Allocation) feature is enabled. For more information, see the help topic [Enabling the Advanced Revenue Management \(Revenue Allocation\) Feature](#).

NetSuite Account Reconciliation Now Available

NetSuite Account Reconciliation is now available as a cloud application built on Oracle Fusion Cloud Enterprise Performance Management (EPM). This solution helps you to manage your general ledger account reconciliation processes.


NetSuite Account Reconciliation is integrated with your NetSuite account, and default configurations for this integration are delivered by the Account Reconciliation Sync SuiteApp. For information about the Account Reconciliation Sync SuiteApp, see the help topic [Account Reconciliation Sync](#).

NetSuite Account Reconciliation enables you to do the following:

- Standardize and automate your account reconciliation processes
- Automatically match transactions
- Manage your account reconciliation processes in one place

For more information about the Account Reconciliation application, see the help topic [Oracle NetSuite Account Reconciliation](#) in the Oracle Help Center.

Customer GL Lines on New Transaction Types

 **Note:** The Custom GL Lines Plug-in uses SuiteScript 1.0.

Custom GL Lines are now supported for the following transaction types:

- Credit card charge

- Credit card refund
- Inventory transfer
- Inventory worksheet
- Ownership transfer

For more information about the Custom GL Lines Plug-in, see the help topic [Custom GL Lines Plug-in Overview](#).

Account Setup and Maintenance

This release note was updated [October 16, 2023](#).

NetSuite 2023.2 includes the following enhancements to account setup and maintenance features:

- [Enhanced Security for Roles and Permissions](#)
- [Line Item IDs in System Notes](#)

Enhanced Security for Roles and Permissions

To provide enhanced security, several new permissions for standard record type have been added. These new permissions have been added to the standard roles. If you have set up custom roles in your account, check permissions on your custom roles to ensure that everything is working as expected. If not, add the new standard record type permissions to your custom roles wherever necessary.

For information about using most NetSuite permissions, see the help topic [Permissions Documentation](#).

To grant the appropriate permissions to a role:

1. Go to Setup > Users/Roles > Manage Roles.
2. Find the custom role you want to modify and click **Edit**.
3. On the **Permissions** tab, click the blank line at the bottom of the list, select the appropriate permission, and click **Add**.
4. On the Role page, click **Save**.

Line Item IDs in System Notes

System Notes now display Line ID and Line Transaction ID fields. You can use these fields to track changes on line items using SuiteAnalytics and SuiteQL. For more information, see the help topics [System Note Dataset in SuiteAnalytics](#) and [SuiteQL in the N/query Module](#).

Authentication

NetSuite 2023.2 includes the following enhancements to authentication features:

- [End of Support for SMS/Voice Call for 2FA](#)
- [Outbound Single Sign-on \(SuiteSignOn\) End of Support Targeted for NetSuite 2024.2](#)

End of Support for SMS/Voice Call for 2FA

On March 1, 2024, support will end for two-factor authentication (2FA) by SMS/Voice Call. When this support ends, it will no longer be possible to log in to NetSuite with a role that uses SMS/voice call for 2FA.

Before this planned end of support, users who are using 2FA by SMS/voice call must reset their NetSuite 2FA settings to use an authenticator app.

You can reset your 2FA settings from the Settings portlet. For more information, see the help topic [Reset Your 2FA Settings](#). For more information about setting up an authenticator app, see the help topic [Logging In Using Two-Factor Authentication \(2FA\)](#).

Outbound Single Sign-on (SuiteSignOn) End of Support Targeted for NetSuite 2024.2

As of NetSuite 2024.1, the Outbound Single Sign-on (SuiteSignOn) feature will no longer be supported in non-production accounts, such as sandbox accounts. As of NetSuite 2024.2, this feature will no longer be supported in production accounts.

Multiple test windows will be scheduled, and proactive feature change notifications will be sent to prepare you for this change before the release of NetSuite 2024.2.

As an alternative to SuiteSignOn, you can use the NetSuite as OIDC Provider feature. For more information, see the help topic [NetSuite as OIDC Provider](#).

Banking

NetSuite 2023.2 includes the following enhancements to banking features:

- [Cash 360 Enhancements](#)
- [Payment Automation Version 2.0 Is Now Available](#)
- [Payment Automation Enhancements](#)
- [Brazil Localization Enhancements](#)
- [Change to Date of Imported Bank Transactions Using Bank Feeds](#)
- [Australia Bank Feeds SuiteApp Now Available](#)

Commerce

NetSuite 2023.2 includes the following enhancements to Commerce features:

- [SC/SCMA/SCA — SuiteCommerce Solutions](#)
- [SuiteCommerce InStore](#)

Commerce Sales and Marketing

NetSuite 2023.2 includes the following enhancements to Commerce sales and marketing features:

- [Commerce Marketing](#)
 - [Intelligent Recommendations Available by Default in All Accounts](#)

Commerce Marketing

Intelligent Recommendations Available by Default in All Accounts

The Intelligent Recommendations feature is now available by default in all accounts that have any of the following features enabled:

- Customer Relationship Management
- SuiteCommerce
- SuiteCommerce Advanced

As it is available by default, you can no longer enable Intelligent Recommendations on the Enable Features page. However, to use intelligent recommendations on your website, you must still install and activate the SC Intelligent Item Recommendations extension.

If you do not want to use intelligent item recommendations in sales transactions, you can remove the **Intelligent Recommendations** button from sales orders, estimates, and opportunity records. To do this, go to Setup > Sales > Preferences > Sales Preferences and clear the **Show Intelligent Recommendations Button for Item Recommendations** box.

For information about intelligent item recommendations, see the help topic [Intelligent Recommendations](#).

SC/SCMA/SCA — SuiteCommerce Solutions

These release notes refer to the latest release of the following SuiteCommerce Solutions:

- SuiteCommerce
- SuiteCommerce MyAccount
- SuiteCommerce Advanced



Important: SuiteCommerce Advanced releases are available as unmanaged bundles. Accounts are not automatically upgraded to the latest version during the standard NetSuite phased release process. For existing implementations, taking advantage of enhancements in a given SuiteCommerce Advanced release requires you to migrate changes into your existing code base. For details, see the help topic [Migrate SuiteCommerce Advanced](#).

2023.2.0 Release Notes

The latest versions of SuiteCommerce, SuiteCommerce My Account, and SuiteCommerce Advanced include the following enhancements. Complete release notes are available here: [2023.2 Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#).

- [Out of Stock Message](#)
- [Item Quantity Updates in Shopping Cart](#)
- [SuiteCommerce Base Theme Improvements](#)

- [Configuration Properties Updates](#)
- [Node.js Requirement](#)
- [Third-Party Library Updates](#)
- [Issue Fixes](#)

Minor Release Notes

- [2023.2.2 Minor Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#)
- [2023.2.1 Minor Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#)



Important: Commerce Themes and Extensions are only available if they are provisioned and set up in your account.

Commerce Themes

Complete release notes on the latest themes for your SuiteCommerce and SuiteCommerce Advanced site are available here: [Commerce Themes Release Notes](#).

Commerce Extensions

Complete release notes on the latest extensions for your SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced site are available here: [Commerce Extensions Release Notes](#).

SuiteCommerce InStore

SuiteCommerce InStore (SCIS) uses a phased release process to distribute managed-bundle upgrades. Each phase consists of a different group of customers that receive the latest SCIS release. Administrators set up for customers within a phased group receive an email notification listing when their upgrade will occur.



Note: Contact your account representative or Customer Support if you have questions about the availability of SCIS 2023.2.

Release Summary

This SCIS release provides updates that affect behind-the-scenes processing in NetSuite. The release currently has no functional changes that are visible at the point-of-sale.

Employee Management

This release note was updated [December 11, 2023](#).

NetSuite 2023.2 includes the following enhancements to employee management features:

- [Affordable Care Act \(ACA\) Reporting SuiteApp Help Videos](#)

Globalization

NetSuite 2023.2 includes the following enhancements to internationalization features:

Country Name Change for 37 Countries

The following table lists countries for which the short name has been updated in NetSuite. The updated country name is based on changes in the ISO standard.

| Outdated NetSuite Country Name | Updated NetSuite Country Name |
|-------------------------------------|--|
| Aland Islands | Åland Islands |
| Bolivia | Bolivia (Plurinational State of) |
| Bonaire, Saint Eustatius and Saba | Bonaire, Sint Eustatius and Saba |
| Cape Verde | Cabo Verde |
| Congo, Democratic Republic of | Congo (the Democratic Republic of the) |
| Congo, Republic of | Congo |
| Cote d'Ivoire | Côte d'Ivoire |
| Croatia/Hrvatska | Croatia |
| Czech Republic | Czechia |
| Swaziland | Eswatini |
| Falkland Islands | Falkland Islands (Malvinas) |
| Heard and McDonald Islands | Heard Island and McDonald Islands |
| Holy See (City Vatican State) | Holy See |
| Korea, Democratic People's Republic | Korea (the Democratic People's Republic of) |
| Korea, Republic of | Korea (the Republic of) |
| Macao | Macao |
| Micronesia, Federal State of | Micronesia (Federated States of) |
| Moldova, Republic of | Moldova (the Republic of) |
| Myanmar (Burma) | Myanmar |
| Macedonia | North Macedonia |
| State of Palestine | Palestine, State of |
| Pitcairn Island | Pitcairn |
| Reunion Island | Réunion |
| Saint Helena | Saint Helena, Ascension and Tristan da Cunha |

| Outdated NetSuite Country Name | Updated NetSuite Country Name |
|--------------------------------|--|
| Saint Martin | Saint Martin (French part) |
| St. Pierre and Miquelon | Saint Pierre and Miquelon |
| Sint Maarten | Sint Maarten (Dutch part) |
| Slovak Republic | Slovakia |
| South Georgia | South Georgia and the South Sandwich Islands |
| Svalbard and Jan Mayen Islands | Svalbard and Jan Mayen |
| Taiwan | Taiwan (Province of China) |
| Tanzania | Tanzania, the United Republic of |
| East Timor | Timor-Leste |
| US Minor Outlying Islands | United States Minor Outlying Islands |
| Venezuela | Venezuela (Bolivarian Republic of) |
| Vietnam | Viet Nam |
| Virgin Islands (USA) | Virgin Islands (U.S.) |

The updated ISO short names are reflected in any existing records, transactions, tax reports, and subsidiaries in your account. Text fields representing any of the updated countries in your account, such as address fields, will require manual changes. You should make these changes in any records with text fields. For example, update any open transactions that include shipping or billing addresses to include the NetSuite ISO short name. You should make these changes for all channels where the name of the country is hardcoded, including the NetSuite UI, scripts, workflows, and integrations.

Inventory Management

This release note was updated [September 11, 2023](#).

NetSuite 2023.2 includes the following enhancements to inventory management features:

- [Supply Planning Lot Sizing Options for Minimum Order Quantity](#)
- [Update to Default Unit on Inventory Transactions](#)
- [Warehouse Management Enhancements](#)
- [Quality Management](#)
- [SCM Mobile Enhancements](#)
- [Smart Count Enhancements](#)
- [Item 360 Dashboard Enhancements](#)
- [Brazil Localization Enhancements](#)

Supply Planning Lot Sizing Options for Minimum Order Quantity

NetSuite 2023.1 includes the following enhancements to supply planning features:

A Minimum Order Quantity will be required for new planned orders that are generated by the planning engine. If you need more quantity, you can add the required amount to the minimum quantity.

This enhancement will apply to the following NetSuite features:

- **Item Location Configuration:** A separate Lot Sizing options will be provided for Minimum Order Quantity.
- **Planned Purchase Orders:** When you use the Minimum Order Quantity option, planned purchase orders will display a quantity greater than the minimum order quantity when the required quantity is greater than minimum order quantity. The quantity will be equal to the minimum order quantity when the required quantity is less than or equal to the minimum order quantity.

Update to Default Unit on Inventory Transactions


NetSuite 2023.2 includes an update to the default unit of items that you add to the following transactions:

- Bin Transfer
- Inventory Status Change

Instead of the base unit, NetSuite assigns the primary stock unit that you specify on item records as the default unit. Even if you change the unit on these transactions, the quantities still appear on associated item records in the primary stock unit.

To view the notification regarding this update, see [Action Required: Update to Units on Inventory Transactions](#).

Warehouse Management Enhancements

 **Note:** Use of the Warehouse Management feature requires that you install these SuiteApps in the following order: (1) SCM Mobile and (2) Oracle NetSuite WMS. For information about SCM Mobile updates, see [SCM Mobile Enhancements](#).

NetSuite 2023.2 includes the following enhancements for Warehouse Management:

- [Updates to Wave Creation](#)
- [New Pick Task Details and Bulk Assignment](#)
- [Pick Reversal Capabilities](#)
- [Updates to Other Mobile Processes](#)

Updates to Wave Creation

The Wave Criteria page now contains the **New** and **Edit** options for setting up custom wave criteria templates. If you click either of these buttons, you can access the Wave Search facility and select your order, item, or shipping filters. For more information, see the help topic [Creating Custom Wave Criteria Templates](#).

Previously, you automatically release waves for unreleased orders that you process through the app. Now you can activate the **Provide wave status selection for unreleased orders** rule to assign them the **Pending Release** or **Released** status. After you release waves through the NetSuite UI, you can continue

picking the orders through the app. For more information, see the help topic [System Rules for NetSuite WMS](#).

New Pick Task Details and Bulk Assignment

You can set the **Show Additional Pick Task Columns** preference to display two additional columns on pick task lines on the Pick Task page only. In these columns, you can enter more details about the item or order for each pick task line. For more information, see the help topic [Setting Warehouse Management Preferences](#).

Before you begin order picking, you can assign multiple pick tasks to each warehouse operator. Even if you assign pick tasks during wave creation, you can reassign them in bulk.

Pick Reversal Capabilities

The following capabilities enhance pick reversal on the mobile app:

- **Pick reversal for work orders** – You can now reverse pick tasks for components of work orders that have not been partially or fully built. You can reverse up to ten pick task lines at a time. You can reverse specific lot numbers and over-picked components.
NetSuite WMS updates the status and bin details of the associated work order. When you reverse over-picked components, it does not change or increase the original quantity of the work order.
- **Bin selection for reversed items** – You can activate the **Choose bins for reversed pick task items?** rule to enable bin selection during reversals. You can transfer reversed items to another bin, instead of the one from which they were picked.

For more information, see the help topic [Pick Task Reversal](#).

Updates to Other Mobile Processes

NetSuite WMS 2023.2 includes updates to the following mobile processes:

- For the PO Receiving process, you can search for orders to receive using the Manufacturer's Part Number (MPN) of an item.
- For the Inbound Shipment and PO Receiving processes, you can tally scan different item types continuously on the Enter Quantity page. You can set up this option on the **Enable Tally Scan?** rule.
- For accounts that use the Advanced Receiving feature, you can activate the **Enable Restock option for returns?** system rule. When you manually create item receipts for returned items on the app, the **Restock** option enables you to return items to your inventory. For non-restocked items, NetSuite automatically updates the write-off account, which you must select in your accounting preferences.
- For the supported Inventory processes, you can enter an item by scanning its HIBC bar code.
- For the Bin Transfer process, you can choose the **Transfer All** option to update lot or serialized items.
- You can specify the mobile process to which you want to apply the following rules:
 - Manually pack orders?
 - Stage received items before putting away?
 - Use cartons for single-order picking?
 - Use cartons for multi-order picking?

For more information, see the help topics [Inbound Processing](#), [Inventory Processing](#), or [System Rules for NetSuite WMS](#).

Manufacturing

NetSuite 2023.2 includes the following enhancements to Manufacturing features:

- [Costed Bill of Materials SuiteApp Enhancements](#)
- [Manufacturing Mobile Enhancements](#)
- [Work Instructions and Traveler SuiteApp Enhancements](#)
- [Brazil Localization Enhancements](#)
- [Brazil Reports Enhancements](#)

NetSuite Connector

This release note was updated [November 13, 2023](#).

NetSuite 2023.2 includes the following enhancements to NetSuite Connector features:

- [Amazon Shipping Labels Sync](#)
- [Shopify Payout Report Sync](#)
- [New Connector for Amazon Vendor Central](#)
- [Order Corrections in NetSuite Connector](#)
- [SuiteTax Now Supported in NetSuite Connector](#)

Amazon Shipping Labels Sync

Amazon Shipping Labels sync is not yet available.

Shopify Payout Report Sync

You can now enable and configure the Shopify Payout Report sync in NetSuite Connector. The Shopify Payout Report sync processes payments made to orders in Shopify. The payments are added as deposits to the corresponding order in NetSuite. For more information, see the help topic [Shopify Payout Report Sync](#).

New Connector for Amazon Vendor Central

The Amazon Vendor Central connector provides data syncs for sellers on the Vendor Central platform. The Vendor Central platform is Amazon's platform for Business to Business (B2B) selling. To add the Amazon Vendor Central Connector to your account, contact NetSuite Customer Support.

For more information about the Amazon Vendor Central Connector, see the help topic [Managing the Amazon Vendor Central Connector in NetSuite Connector](#).

Order Corrections in NetSuite Connector

You can now configure NetSuite Connector to reimport orders if changes have been made to the order in the storefront and then post the update in NetSuite. This functionality used to require intervention

from NetSuite Support to set up. For more information, see the help topic [Handling Storefront Order Corrections](#).

SuiteTax Now Supported in NetSuite Connector

SuiteTax is now supported in NetSuite Connector. If you want to use SuiteTax with NetSuite Connector, see the help topic [Setting Up SuiteTax for NetSuite Connector](#).

NetSuite CPQ

This release note was updated [January 29, 2024](#).

NetSuite 2023.2 includes the following enhancements to NetSuite CPQ (Configure, Price, Quote):

- [Viewing Usage Metrics](#)
- [Setting Transaction Body and Line Fields Based on Configuration Data](#)
- [Extended Support for Get Functions on Action Record](#)
- [Using Non-Inventory Items as Base Items](#)
- [Supporting SuiteCommerce Themes](#)
- [Update to Enable External Launch Option](#)
- [Clearing Hidden Questions or Answers](#)
- [New Predefined Rules](#)
- [New sresolve\(\) Function](#)
- [Automatically Creating Documents with Proposal Generator](#)
- [Accessing Configuration Records from Transactions](#)
- [Added Predefined Rule for Selected Tab](#)
- [Added Rule Operators to Verify Answer Value](#)
- [Updates to Group Record](#)
- [Updates to Guided Selling Shopping Cart](#)
- [Delete Button for Guided Selling Products](#)
- [Enhancements to Item Creation Process](#)
- [Updates to Favorites](#)
- [New Options for Editing and Removing Line Items](#)
- [New Option for Importing and Updating Products](#)

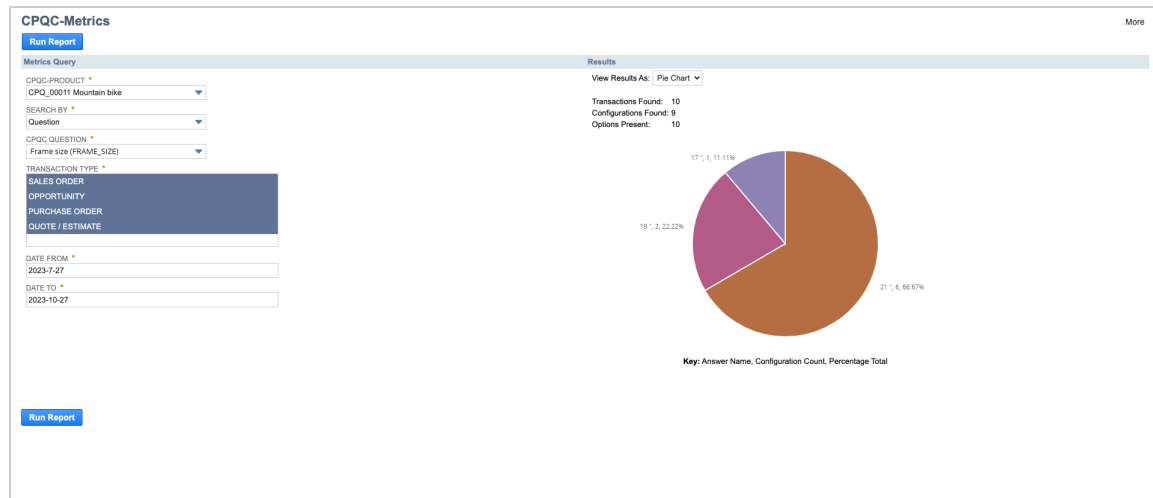
Viewing Usage Metrics

With NetSuite CPQ Configurator (version 1.2.5), you can now view statistics that show the number of transactions and configurations on which a product attribute (question, material, or additional item) was found. Use statistics, for example, to see the frequency of answers to a question or the material items selected for a product. This information can reveal how a configuration is performing and help you to

make subsequent business decisions, such as promoting slow-selling items or optimizing inventory strategies.

Statistics are defined according to a customizable query based on a configurable product, as well as additional criteria including a date range, one or more transaction types, and a specific question, material, or additional item. You can view statistics in table format or as a pie chart. To start using statistics, go to CPQ > Configurator > Metrics.

The following image shows the statistics related to a question as a pie chart:



Setting Transaction Body and Line Fields Based on Configuration Data

With NetSuite CPQ Configurator (version 1.2.5), you can now set transaction body and line fields based on configuration data through mapping records. These records help you save time when filling in transactions and make available configuration data for transactions if you have previously created the custom fields to host the data. When configuration data is available for transactions, you can use it with other NetSuite capabilities, such as reporting. For example, if you have a desk as a configurable item, you can add information about the wood type to the transaction, create a report to find the type customers prefer, and increase its stock.

You can choose between two mapping record types depending on the fields you want to set:

- **Body field mapping record** – Sets transaction body fields.
- **Component field mapping record** – Sets transaction line fields. You can set transaction line fields for the main configured item and additional items. Additionally, you can set fields for materials and routing steps when added as components and operation tasks to work orders.

You can apply mapping records to set transaction line fields to all additional items, materials, or routing steps, and you can view them in the **Common Column Mappings** field on the respective record. You can also apply mapping records to specific additional items, materials, or routing steps through the **Apply Column Mappings** field on the respective record.

Go to the **Data Mapping** subtab on a saved product to create mapping records. Depending on whether you want to set body or line fields:

- Click the **New CPQC Body Field Mapping** button.
- Click the **New CPQC Component Field Mapping** button.

For more information, see the help topic [Setting Transaction Body or Line Fields Based on Configuration Data](#).

Extended Support for Get Functions on Action Record

NetSuite CPQ Configurator (version 1.2.5) can assist you in writing more get functions to improve your productivity, reduce errors, and simplify function learning. In the **Add Action** field on the action record, you can choose among a wide range of get functions and follow the onscreen instructions to fill in the code. NetSuite CPQ Configurator will automatically add the completed function to the code editor. For example, you can now follow the onscreen instructions and fill in the code to obtain product table values or body and sublist field values of the transaction from which users launch the product.

Using Non-Inventory Items as Base Items

With NetSuite CPQ Configurator (version 1.2.5), you can now use non-inventory items as base items. The other item types already available as base items are inventory items, assemblies, and kit/packages.

The following fields have been added to the **Custom** subtab of non-inventory items so that they can be used as base items:

| Field Name | Field ID | Description |
|---------------------------------|---------------------------------|--|
| CPQ Product Configurator | custitem_cpqc_item_configurator | Lets you select a product from NetSuite CPQ Configurator to edit configured items on transactions. |
| CPQ Product Code | custitem_cpqc_item_product_code | Displays the code of the product selected in the CPQ Product Configurator field. |
| Is configurable | custitem_cpqc_item_isconf | If you check this box, users can edit the item with the default product for NetSuite CPQ Configurator. |

Supporting SuiteCommerce Themes

When launched from SuiteCommerce, the product user interface of NetSuite CPQ Configurator (version 1.2.5) can now automatically inherit the general look and feel of commerce themes to provide a seamless user experience.

Based on the theme, NetSuite CPQ Configurator styles the following elements:

- font colors
- font styles
- background colors
- border colors

The top bar and the product name line replicate the font and background colors of the theme's top and bottom headers. Button and link styles follow the same level of importance as the theme. For example, buttons used to perform main tasks, such as the **Submit & Close** button, are styled like the **Add to Cart** button for SuiteCommerce. NetSuite CPQ Configurator will apply four shades of the theme's main color to the rest of the user interface.

The following image shows the user interface with the look and feel of the Manor theme:

ORACLE NETSUITE Unit: 846.00 Total: 846.00 Smart Item: Quantity: 1 Cancel Submit & Close

Office Desk

Select a Product: Office Desks

Custom Desks & Work Surfaces

Series

Select a Series: A1000

Template

Select a shape that most closely represents your desired surface configuration

Straight, Rectangle L-Shape, Rectangle U-Shape, Rectangle Straight, Oblong L-Shape, Oblong

Dimensions

Width

60" 72" 84" Custom

Depth

24" 30" 36" Custom

Height

30" (fixed) Adjustable 36" (fixed)

Width (B)

60" 72" 84" Custom

Depth (B)

24" 30" 36" Custom

More Information

Summary

| Name | Price |
|---|---------------|
| Part #: A1000-60-24-30-W-MP-NF101-x | |
| Series A1000 Wood Desk, (Maple) 60 x 24 x 30 NF101 Frame (null) | |
| Height: 30" (Standard + \$0) | |
| Frame Style: NF101, No-Frame SS Legs (Standard + \$0) | |
| Accessories | |
| Monitor Mount: Top Mount (TM2) - Qty 1 @ \$846 each | 846.00 |
| Total: | 846.00 |

Update to Enable External Launch Option

With NetSuite CPQ Configurator (version 1.2.5), you can now decide what products are available for SuiteCommerce at the product level by checking the **Enable External Launch** box. Previously, this option was on the options record, which contains general settings, and all products were potentially available for SuiteCommerce when enabled.

Clearing Hidden Questions or Answers

NetSuite CPQ Configurator (version 1.2.5) can now clear questions or answers when they become hidden if you check the **Reset when hidden** box on the respective record when setting up the question or answer. This option ensures that no unavailable feature or option for the configurable item remains selected if users change their minds and make a different choice. NetSuite CPQ Configurator also clears the questions or answers when the parent tab or group becomes hidden. For more information, see the help topic [Hiding Questions or Answers](#).

New Predefined Rules

Predefined rules are fixed questions and answer combinations used as variables in rules and actions to perform tasks based on information from NetSuite or the configuration. For example, you can include a predefined question and answer set in a rule to perform an action if a certain user launches the product.

NetSuite CPQ Configurator (version 1.2.5) includes new predefined rules to define from where users create a configuration and launch the SuiteApp:

- **SOLE/LAUNCH[="NEW"]** – Identifies a new configuration that can be submitted, for example, a configuration created by clicking the **Configure** button on a transaction.
- **SOLE/LAUNCH[="EDIT"]** – Identifies an existing configuration edited by clicking the **Edit Config** button on a transaction line item.

- **SOLE/LAUNCH["STANDALONE"]** – Identifies a configuration created for testing purposes by clicking the **Run Standalone** button on the product record or by accessing the Select Product page at CPQ > Configurator > Standalone. This configuration cannot be submitted.
- **SOLE/STARTFROM["BC"]** – Identifies a configuration created from the NetSuite CPQ Ecommerce Integration (the former Background Configurator).

New sresolve() Function

With NetSuite CPQ Configurator (version 1.2.5), you can now convert the answer value from a resolve expression into a number (when possible) by using the new `sresolve()` function.

The syntax is the following:

```
1 | sresolve("{Q/A}");
```

{Q/A} is the resolve expression, where Q represents the question code, and A is the answer code.

Automatically Creating Documents with Proposal Generator

Proposal Generator (version 1.1.5) can automatically create documents from templates and store them in the **Proposals** folder at File Cabinet > SuiteScripts > CPQ. To automatically create PDF and Microsoft® Word documents for eligible transactions, check the **Automatically generate PDF** and **Automatically generate DOCX** boxes on the template record.

After saving the transaction and opening it in edit mode, users can view the list of document links in the **NS CPQ Auto-Generated Proposals** field under the **Custom** subtab. By clicking a link, they can download the document on their computer. Every time users save an eligible transaction, Proposal Generator creates the documents for automatically generated templates or updates the existing documents with new information.

Accessing Configuration Records from Transactions

With NetSuite CPQ Configurator (version 1.2.2), users with an administrator role or with advanced role privileges can now open the configuration record from a transaction by clicking the **Access Config Record** button on the configured item line. This option is useful for troubleshooting issues with the configuration. After accessing the configuration record, you can open the browser console and click the new **Decode Config** button. NetSuite CPQ displays the JSON configuration in a readable format on the browser console.

You can verify the role privileges in the **Extended Role Privileges** field under the **Access** subtab of the employee record.

Added Predefined Rule for Selected Tab

The new predefined rule `SOLE/SELECTED_TAB` has been added to NetSuite CPQ Configurator (version 1.2.2). You can use this predefined rule to call actions depending on the tab users select on the interface. This predefined rule stores the value of the selected tab, and you can enter it in the action rule field by using the syntax `SOLE/SELECTED_TAB["TAB_CODE"]`. After NetSuite CPQ Configurator executes the

action, the predefined rule for the selected tab is ready to store a new value. You can also select this new predefined rule from the **Reference Codes** field on the **Rules** subtab.

Added Rule Operators to Verify Answer Value

NetSuite CPQ Configurator (version 1.2.2) includes the following new rule operators to verify the answer value:

- **Begins with** – The rule is considered true if the answer value begins with the sequence of characters enclosed in the quotation marks. The syntax is Q/A[^="value"].
- **Contains** – The rule is considered true if the answer value contains the sequence of characters enclosed in the quotation marks. The syntax is Q/A[*="value"].
- **Ends with** – The rule is considered true if the answer value ends with the sequence of characters enclosed in the quotation marks. The syntax is Q/A[\$="value"].

Q and A represent the question and answer codes. Replace them with codes from your product.

For example, if the answer value is oak, NetSuite CPQ Configurator considers the following rules true:

- **Begins with** – Q/A[^="o"].
- **Contains** – Q/A[*="a"].
- **Ends with** – Q/A[\$="k"].

Updates to Group Record

With Proposal Generator (version 1.1.4), you can now define the page orientation to portrait or landscape when generating Microsoft® Word documents (DOCX files). Select your preferred option in the **Page Orientation** field of the group record.

Updates to Guided Selling Shopping Cart

With Guided Selling (version 1.1.4), the shopping cart now groups the items based on their origin for better visibility. Users can also monitor the amount that will be added to transactions with a dedicated **Total Price** column in the shopping cart. This column multiplies the information in the **Your Price** field of the item preview by the number of items in the **Quantity** field.

Delete Button for Guided Selling Products

With Guided Selling (version 1.1.4), you can now remove a product and all related subrecords by clicking the **Delete** button on the product opened for editing. This option helps you save database space.

Previously, you could remove a product only by clicking Delete on the Actions menu with the product opened for editing. If you use this option, all product subrecords remain available for future reference at Customization > List, Records, & Fields > Record Types.

Enhancements to Item Creation Process

NetSuite CPQ Configurator (version 1.2.0) includes several enhancements to the item creation process:

- Subscription plans can now automatically be created based on the information of an item creation record. You can specify the items to include in the subscription plan under the **Components** subtab of the item creation record.
- You can now use an item creation record as a component or as a part of a subscription plan. Select the item creation record in the **From CPQ Created Item** field of the ITCR Components page.
- Sequence numbers of item creation records are now automatically rearranged. This ensures that components or items included in subscription plans are created before their parent item when users submit the configuration.
- When setting field values for the items to be created, NetSuite CPQ dynamically determines the required fields, the fields to be filled in with default values, and the fields to be dimmed. If you use resolve expressions in the **Value** column for fields other than text fields and text boxes, NetSuite CPQ can only determine the basic required fields and you must check the **Static mode** box.
- The Audit menu on the user interface now includes an option dedicated to item creation. In the same menu under Materials and Items, NetSuite CPQ now highlights the materials and additional items that are linked to an item creation record. These items will be created when users submit the configuration.
- After submitting the configuration, users can monitor the items that are being created by following a progress bar on the screen. You can now display the progress on the bar for each item being created by checking the **Several Item Creation** box under the **Submit** subtab at CPQ > Configurator > Settings. If you leave this box unchecked, the progress on the bar is displayed in batches of items defined by NetSuite CPQ.

Updates to Favorites

With NetSuite CPQ Configurator (version 1.2.0), users with an administrator role can now create public and default favorites under the **Favorites** menu on the user interface. All users can access public favorites to save time and load the most common item configurations automatically. To create a public favorite, check the **Save as Public** box before saving the favorite.

When users want to create a new configuration, the default favorite loads the most common selections. To create a default favorite, check the **Save as Default** box before saving the favorite. Each product can have only one default favorite. If you want to load a different default favorite for a product, you can use the new code exec function loadFavorite(). This function takes the name of the favorite as a parameter and loads it depending on a condition you defined. On the action record, this new code exec has also been added as an option for the **Add Action** field with the name Load Favorite.

New Options for Editing and Removing Line Items

NetSuite CPQ Configurator (version 1.2.0) now provides more flexibility when editing line item values and removing line items on transactions. Three options are available:

- **Remove all and prevent editing** – Users cannot remove specific configuration line items or edit line item values. They can only remove the entire configuration (main and additional items).
- **Remove all and allow editing** – Users can edit configuration line item values but cannot delete specific configuration line items.
- **Remove single item and allow editing** – Users can edit line item values and remove specific line items without removing the entire configuration. This is the default option.

Go to CPQ > Configurator > Settings and select one of the options from the new **Edit & Remove Options for CPQ Line Items** field.

Previously, users could edit line item values and remove specific line items without additional restrictions.

New Option for Importing and Updating Products

With NetSuite CPQ Configurator (version 1.2.0), you can update a product by importing a new product version into the previous one. NetSuite CPQ maintains the product ID of the original product and replaces the rest of the data with information from the new product. To leverage this option, go to CPQ > Configurator > Settings and select the target product in the new **Target Product** field. Then, select the product you want to import in the **Import Product** field and click the **Import** button as usual.

Order Management

NetSuite 2023.2 includes the following enhancements to order management features:

- [New Commit Plus Overage Feature in SuiteBilling](#)
- [New Make Copy Function in Billing Accounts](#)
- [New Make Copy Function in Subscriptions](#)
- [Customize a Subscription Pricing Sublist](#)
- [Subscription Item Line Location Sources](#)
- [Canada Sales Tax Reports SuiteApp Update](#)
- [Electronic Bank Payments Enhancements](#)
- [Electronic Invoicing Enhancements](#)
- [NetSuite Pay Now Available](#)
- [Ship Central Enhancements](#)
- [Brazil Certification Tax Authorities Enhancements](#)
- [Brazil Localization Enhancements](#)
- [End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC](#)
- [Support for Japan Electronic Bookkeeping Act](#)
- [Japan Localization Enhancements](#)
- [Saudi Arabia E-Invoicing Now Available in the SuiteApp Marketplace](#)
- [Singapore Localization Enhancements](#)
- [Saudi Arabia E-Invoicing Now Available in the SuiteApp Marketplace](#)
- [Rebates and Trade Promotions Enhancements](#)
- [Support for Volume or Tiered Rebates](#)
- [Rebates and Trade Promotions Enhancements](#)
- [Rebates and Trade Promotions Installation Issue Fix](#)

New Commit Plus Overage Feature in SuiteBilling

In 2023.2, SuiteBilling has a new feature, Commit Plus Overage. Companies can use Commit Plus Overage to charge prepayment for a contracted amount of usage at a specified rate. Then, if the customer uses more than the contracted amount, the additional usage is charged at an adjusted rate.

New Make Copy Function in Billing Accounts

You can use a new SuiteBilling feature, Make Copy, to make a copy of a billing account. You can click the Make Copy button in a billing account record to create a new billing account record that opens in the create mode. When the new record opens, most fields are sourced and automatically filled from the original record. You can change many of these fields to adapt the new record to business needs.

New Make Copy Function in Subscriptions

You can use a new SuiteBilling feature, Make Copy, to make a copy of a subscription. You can clicking the Make Copy button in a subscription record to create a new subscription that opens in the create mode. When the new record opens, most fields are sourced and automatically filled from the original record. You can change many of these fields to adapt the new record to business needs.

Customize a Subscription Pricing Sublist

The pricing tab is more flexible so that you can now customize the layout of its standard sublist fields. Click the customize screen to put the pricing tab in edit mode. You then can change the display order and the name of the label for standard columns. You can also show and hide specific fields in the sublist. The line number, quantity, and discount sublist fields cannot be hidden.

Subscription Item Line Location Sources

You can run bulk processing through billing operations to create invoices. In NetSuite 2023.1 and earlier, the location at the line level was sourced from the location on the employee record that ran the billing operation. In NetSuite2023.2, the location at the invoice line level can also be sourced from the lies on the subscription record.

Canada Sales Tax Reports SuiteApp Update

The latest version of the Canada Sales Tax Reports SuiteApp, version 1.0.4, was released March 14, 2023. This version adds a button on the GST34 Worksheet report, which enables viewing General Ledger directly from the report.

Projects

NetSuite 2023.2 includes the following enhancements to Projects features:

- [Project Billing and Revenue Usability Improvements](#)
- [Project Plan Improvements](#)
- [Time and Expenses Enhancements](#)
- [Project 360 Dashboard Enhancements](#)
- [Updated Maximum Load for Projects with Charges and Invoices](#)

Project Billing and Revenue Usability Improvements

On project billing rules, the Revenue tab was added and it links you to the Project Revenue Recognition rules. It is now possible to display revenue elements and recognized revenue directly on project revenue rules. The project revenue rules are now displayed on linked project billing rules. The Summary box shows how much revenue has been recognized. Through improved visibility, it allows a better audit of billing and revenue rules, and provides transparency of linked project revenue rules when monitoring project billing. This improvement makes the whole revenue recognition process and revenue management more intuitive, as revenue recognition and project are now closer to each other.

For more information, see the help topics [Project Billing](#), [Project Revenue Recognition](#).

Project Plan Improvements

On project records, the Financial subtab now shows the Project Revenue Recognition Summary information, which is visible when the Project Revenue Recognition feature is enabled. The summary information shows total revenue, recognized revenue, planned revenue, and a link to Revenue Arrangement. This improvement helps you find the respective revenue arrangement for the project and it provides more transparency. With Suiteness in mind, it is surfacing basic Project Revenue Recognition data, along with the link to revenue arrangement in the Financial subtab in the new Revenue Recognition sub-section.

The Project Plan Recalculation information is now displayed on the Project Plan subsection of the System Information tab. It shows the project plan recalculation data, such as:

- the last project plan recalculation date and time
- if the project plan is being recalculated
- last project plan recalculation time
- average project plan recalculation time
- project plan recalculation triggers.

The System Information tab now shows the System Notes subtab. This subtab displays information about what has been changed within recalculation.

For more information, see the help topics [Project Tasks](#), [Working with the Project Schedule](#).

Time and Expenses Enhancements

You can now turn off and on the notification for the Reject Time Entry box. You can control the status in the Accounting preferences on the Time & Expenses record.

For more information, see the help topic [Approving Time and Expenses for Projects](#).

SuiteAnalytics

This release note was updated [December 18, 2023](#).

NetSuite 2023.2 includes the following enhancements to SuiteAnalytics:

- [User Interface Enhancements to SuiteAnalytics Workbook](#)

- [Latest ADO.NET Driver Version Available](#)
- [New Record Mapping Added for SuiteAnalytics Connect](#)
- [Latest ODBC Driver Version Available](#)
- [New NetSuite.com to NetSuite2.com Map Available for SuiteAnalytics Connect](#)
- [Latest JDBC Driver Version Available](#)
- [Change to SuiteAnalytics Connect and SOAP Web Services Fields](#)
- [End of Support for HTML Code in Saved Search Formula \(Text\) Fields](#)
- [Enhancement to Saved Search Criteria](#)
- [Access NetSuite Analytics Warehouse by Single Sign-On](#)
- [Dashboard Tiles Enhancement](#)
- [Advanced SaaS Metrics Now Available](#)


User Interface Enhancements to SuiteAnalytics Workbook

The following sections describe functional enhancements that have been made to SuiteAnalytics Workbook.

Add All Fields to Table Views

In the Dataset Panel, use the new **Add all fields to the table** button to add all the fields to your table view at one time. For more information, see the help topic [Workbook Table Views](#).

New Menu for Workbook Tabs

You can now use the new Tab menu icon  next to your workbook tabs to rename or delete your tabs. You can still rename your workbook tabs by double-clicking the tab name. For more information, see the help topic [Creating a Workbook](#).

Enhancements to Number Format Settings

The **Override** box has been removed from the Format window so you can define your settings directly. For more information, see the help topic [Customizing Numeric Values](#).

Latest ADO.NET Driver Version Available

As of December 11, 2023, the latest version of the SuiteAnalytics ADO.NET driver is available for download. If you are using an ADO.NET driver, you can upgrade to ADO.NET driver version 8.10.159.0.

The latest driver version is optional, but it is preferred. This driver version supports the following frameworks: .NET Framework 4.5, 4.6, 4.7, 4.8, and .NET 6.

To download the latest driver version, log in to NetSuite. In the Settings portlet on the Home page, click **Set Up SuiteAnalytics Connect**.

For more information about installing ODBC drivers, see the help topic [Downloading and Installing the ADO.NET Driver](#).

New Record Mapping Added for SuiteAnalytics Connect

The new NetSuite.com to NetSuite.com Map spreadsheet has been updated to include the following record mapping in the **Fields** tab:

| Record ID in NetSuite.com | Field ID in NetSuite.com | Record Name in NetSuite2.com | Field ID in NetSuite2.com | Field Name in NetSuite2.com |
|---------------------------|--------------------------|------------------------------|---------------------------|-----------------------------|
| transaction_lines | alt_sales_amount | transactionline | altSalesAmt | Alt. Sales Amount |

For more information about the Connect map spreadsheet, see the help topic [NetSuite.com to NetSuite2.com Map](#).

Latest ODBC Driver Version Available

As of September 4, 2023, the latest version of the SuiteAnalytics ODBC driver is available for download. If you are using an ODBC driver, you can upgrade to ODBC driver version 8.10.147.0.

The latest driver version is optional, but it is preferred. This driver version supports the Transport Layer Security (TLS) 1.3 security protocol, which provides enhanced security.

The TLS 1.3 protocol is not enabled for SuiteAnalytics Connect servers yet. However, if you install ODBC driver 8.10.147.0, the TLS 1.3 protocol will be automatically used as soon as it is enabled for Connect servers. If you use Windows, the new driver version lets you to set the StaticSchema and Uppercase attributes using the ODBC administrator tool.

To download the latest driver version, log in to NetSuite. In the Settings portlet on the Home page, click **Set Up SuiteAnalytics Connect**.

For more information about installing ODBC drivers, see the following topics:

- [Accessing the Connect Service Using an ODBC Driver](#)
- [Determining Your Connect Driver Version](#)

New NetSuite.com to NetSuite2.com Map Available for SuiteAnalytics Connect

When you modify your existing queries to use the NetSuite2.com data source instead of the NetSuite.com data source, you need to know the ID of the corresponding record and field in the NetSuite2.com data source. A new spreadsheet is available that includes a list of records and fields in the NetSuite.com data source and their corresponding records and fields in the NetSuite2.com data source. This list is not exhaustive and will be continually updated with new record and field mappings.

For information about how to access and understand the spreadsheet, see the help topic [NetSuite.com to NetSuite2.com Map](#).

Latest JDBC Driver Version Available

As of August 8, 2023, the latest version of the SuiteAnalytics JDBC driver is available for download. If you are using a JDBC driver, you can upgrade to JDBC driver version 8.10.147.0.

The latest driver version is optional, but it is preferred. This driver version supports the Transport Layer Security (TLS) 1.3 security protocol, which provides enhanced security.

The TLS 1.3 protocol is not enabled for SuiteAnalytics Connect servers yet. However, if you install JDBC driver version 8.10.147.0, the TLS 1.3 protocol will be automatically used as soon as it is enabled for Connect servers.

To download the latest driver version, log in to NetSuite. In the Settings portlet on the Home page, click **Set Up SuiteAnalytics Connect**. After you install the driver, ensure that the `NegotiateSSLClose` parameter is set to **false**.


For more information about installing JDBC drivers, see the following topics:

- [Configuring the JDBC Driver](#)
- [Configuring the JDBC Driver](#)
- [Determining Your Connect Driver Version](#)

Change to SuiteAnalytics Connect and SOAP Web Services Fields

Prior to 2023.2, when you worked with SuiteAnalytics Connect or SOAP web services, you could use the parent field of the `AccountingPeriod` record type in your queries. As of 2023.2, the parent field of the `AccountingPeriod` record type is available only if the Multiple Calendars feature is disabled. If the Multiple Calendars feature is enabled, use the parent field of the `AccountingPeriodFiscalCalendars` record type instead.

If you do not change your Connect queries and SOAP web services requests before upgrading to 2023.2, they may stop working.

 **Note:** If you use SuiteAnalytics Connect, this change applies to the schema available through the NetSuite2.com data source only.

You should check your existing Connect queries and SOAP web services requests and make any adjustments as needed.

To see a sample of how a Connect query should look like, see the help topic [Accounting Periods](#).

To see a sample for SOAP web services, see the help topic [Accounting Period](#).

End of Support for HTML Code in Saved Search Formula (Text) Fields

To improve the security of saved searches in your account, searches with Formula (Text) fields that contain HTML code now display results as plain text only.

To prevent issues with your searches, replace your existing Formula (Text) fields with the new Formula (HTML) field. Access to this new field is based on the Create HTML Formulas in Search permission.

For more information about the new Formula (HTML) field and permission, see the help topic [Evaluating Code in Saved Searches Using Formula \(HTML\) Fields](#).

Enhancement to Saved Search Criteria

The evaluation of saved search criteria has been enhanced.

Before this change, some expressions that included nested parentheses with custom fields and several OR operators could return inaccurate results. Now, you can use expressions that include nested parentheses with custom fields and multiple OR operators in several nesting levels. These expressions now return the expected results.

The following code sample illustrates an expression that you can use in your saved search criteria:

```
(<cust_field_condition> OR (<condition> AND <condition>)) OR <condition>
```

For more information about saved searches, see the help topic [Saved Searches](#).

Access NetSuite Analytics Warehouse by Single Sign-On

Before, you had to log in to your NetSuite Analytics Warehouse instance by using your Oracle Analytics for Applications login credentials. Now, if you have an account with SAML SSO or OIDC SSO set up, you can use it to access your NetSuite Analytics Warehouse instance. For more information about how to set up this new feature, see the help topic [Using Single Sign-On with NetSuite Analytics Warehouse](#).

SuiteApps (Bundles) Released by NetSuite

NetSuite 2023.2 includes the following enhancements to SuiteApps released by NetSuite:

- [Accounting SuiteApps](#)
- [Banking SuiteApps](#)
- [Inventory Management SuiteApps](#)
- [Localization SuiteApps](#)
- [Manufacturing SuiteApps](#)
- [Order Management SuiteApps](#)
- [Projects SuiteApps](#)
- [SuiteAnalytics SuiteApps](#)
- [SuitePeople SuiteApps](#)
- [Taxation SuiteApps](#)
- [Vendors, Purchasing, and Receiving SuiteApps](#)
- [Wholesale Distribution SuiteApps](#)

Accounting SuiteApps

This release note was updated [October 2, 2023](#).

Following are the 2023.2 accounting enhancements to SuiteApps:

- [Fixed Assets Management Enhancements](#)

- [Indirect Cost Allocations for Grant Enhancements](#)
- [Transaction Line Distribution Enhancements](#)

Fixed Assets Management Enhancements

The Fixed Assets Management SuiteApp version 2023.2 includes the following enhancements:

- [Optimized Validation for Fixed Assets Report Template Customization](#)
- [Modify Lease Records with Semiannually and Quarterly Rental Frequency](#)
- [Split Fully Depreciated Assets](#)
- [Bulk Asset Split](#)
- [Lease Calculation Updates for Operating Lease](#)

Optimized Validation for Fixed Assets Report Template Customization

When customizing report templates, you can select in the **Source Field** only custom fields that have the **Store Value** option enabled on the custom field record. An alert message now appears when you save a custom report that includes fields that do not use the **Store Value** option.

However, fields that the SuiteApp manually sources when generating the report data can still be used even if the **Store Value** box is not checked. For example, the **Currency** field in the FAM Asset and Alternate Depreciation record is excluded in the validation.

For more information, see the help topic [Customizing the Fixed Assets Report Template through the User Interface](#).

Modify Lease Records with Semiannually and Quarterly Rental Frequency

Lease records with a **Quarterly** and **Semiannually** rental frequency are now supported by the lease modification process. The lease term for these records will be converted to the number of months or years to match the depreciation period, which only supports monthly and annual options. The lease term should be equal to the asset lifetime after conversion.

For more information, see the help topic [Modifying Lease Records](#).

Split Fully Depreciated Assets

The latest version of the Fixed Assets Management SuiteApp now supports asset split for fully depreciated assets. On the Asset Split page, you can now select fully depreciated assets in the **Asset Name/ID** field.

For more information, see the help topic [Asset Split](#).

Bulk Asset Split

You can now use CSV import to split assets into multiple asset records in one transaction. The **Import CSV** button on the Asset Split page opens the Bulk Asset Split page. A link to a sample CSV file is available for download on the page. You can edit the sample file to add details of the assets that you want to split and upload the file on the same page.

For more information, see the help topic [Splitting Assets in Bulk](#).

Lease Calculation Updates for Operating Lease

For lease assets modified in version 2023.2, the residual value (RV) after modification is now calculated as the total interest of the modified lease, shown as a negative amount.

The residual value percentage of an operating lease is calculated as the RV divided by the asset current cost.

The write-down adjustment from the modification of an operating lease has been adjusted to reflect the same calculation for finance lease. The write-down adjustment is now calculated as the difference between the following:

- the lease liability balance at the effective date of modification, and
- the new net present value using the modified lease terms.

For more information, see the help topic [Calculating the Lease Modification Adjustment](#).

Indirect Cost Allocations for Grant Enhancements

Indirect Cost Allocation for Grants version 1.1.0 includes the following enhancements:

- [Manual Generation of Indirect Cost Allocations](#)
- [Invoice Creation for Billable Indirect Costs](#)
- [Updates to Indirect Cost Allocation Preferences Page](#)
- [Updates to Indirect Cost Allocation Method and Rates Page](#)

Manual Generation of Indirect Cost Allocations

The new version of Indirect Cost Allocation for Grants SuiteApp enables you to manually generate indirect cost allocations.

To manually generate Indirect Cost Allocations, go to Indirect Cost Allocation > Generate Indirect Cost Allocation.

For more information, see the help topic [Generating Indirect Cost Allocations Manually](#).

Invoice Creation for Billable Indirect Costs

You can now create invoices for billable indirect costs under a customer's name.

For more information, see the help topic [Creating Invoices for Billable Indirect Costs](#).

Updates to Indirect Cost Allocation Preferences Page

The new version of the Indirect Cost Allocation for Grants SuiteApp includes two new fields. The following table provides details of the fields:

| Field | Function |
|---------------------|--|
| ICA Customer Source | To map the source field for the ICA Customer dropdown list in the Indirect Cost Allocation Method and Rates page. |

| Field | Function |
|-----------------|--|
| ICA Rate Source | To map the source field for ICA Rate dropdown list in the Indirect Cost Allocation Method and Rates page. |

Updates to Indirect Cost Allocation Method and Rates Page

Three new fields are added to the Indirect Cost Allocation Method and Rates page. The following table lists the new fields and their functions:

| Field | Function |
|------------------|---|
| ICA Customer | A dropdown list for selecting a customer. If you want to generate invoices for your transactions, you must select a value for this field. |
| Default Billable | This box appears when you select a value in the ICA Customer field. The transactions made under the selected customer's name will be included in the invoice when you check this box. |
| Default ICA Item | This dropdown list appears when you select a value in the ICA Customer field. Select a default item for the selected customer. |

For more information, see the help topic [Indirect Cost Allocation for Grants](#).

Transaction Line Distribution Enhancements

Transaction Line Distribution SuiteApp version 1.0.2 includes the following updates:

- **Scheduled Transaction Line Distribution Journal Creation**
 - The SuiteApp now supports the option to enable scheduled journal creation in the account by checking the **Distribution Journal Creation** box in Setup > Company > General Preferences > Custom Preferences subtab.
- **Additional Permissions for the Custom A/P Clerk Role**
 - The Custom A/P Clerk role needs the following additional permissions to use the SuiteApp:

| Subtab | Permission | Minimal Access Level |
|---------------|------------------------|----------------------|
| Custom Record | TD MR Queue | Full |
| Setup | SuiteScript | Full |
| | SuiteScript Scheduling | Full |

- **Changes to the Journal and Intercompany Journal pages**
 - In Journal and Intercompany Journal pages, in the Classification section, you can now access the link to the bill or credit bill related to the journal.
- **Selecting Same Source Subsidiary and Destination Subsidiary in Intercompany Distribution Templates**
 - In the previous version of the SuiteApp, when creating or updating an intercompany distribution template or a quick rule, the source subsidiary could not be the same as the destination subsidiary. In version 1.0.2, the source subsidiary can now be the same as the destination subsidiary.

For more information about the SuiteApp, see help topic [Transaction Line Distribution](#).

Banking SuiteApps

This release note was updated [November 6, 2023](#).

Following is the 2023.2 banking enhancement to SuiteApps:

- [Cash 360 Enhancements](#)
- [Payment Automation Version 2.0 Is Now Available](#)
- [Payment Automation Enhancements](#)
- [Change to Date of Imported Bank Transactions Using Bank Feeds](#)
- [Australia Bank Feeds SuiteApp Now Available](#)

Cash 360 Enhancements

Cash 360 version 1.1 includes the following enhancements:

- In the Cash 360 dashboard, you can now view cash projections not only for your subsidiary but also for other active subsidiaries, including consolidated subsidiaries.
- The opening balance amount now considers the sum of all accounts in the chart of accounts with the type equal to bank for your subsidiary. The opening balance amount calculation is now up to the current posting period only.
- The cash forecast table now includes all posting transactions that contribute to the computation of A/R and A/P amounts. Previously, the cash forecast table only considered invoices for A/R and vendor bills for A/P.
- You can now view future-dated transactions in the cash forecasts. Future-dated transactions are transactions for specified date ranges that fall into the next posting period. Future-dated transaction amounts are also included in the total closing balance calculations.
- In the cash forecast table, you can now click any of the following amounts to open a window that lists all accounts included in the calculation of the amount:
 - Opening balance
 - Future-dated transaction
 - Accounts receivable
 - Accounts payable

You can also export the list of transactions that contributed to the amount calculation as a CSV file.

For more information, see the help topic [Cash 360](#).

Payment Automation Version 2.0 Is Now Available

The Payment Automation SuiteApp version 2.0 is now generally available for installation from the SuiteApp Marketplace.

New features in this release include:

- [Payment Method Optimization Service](#)
 - A free add-on that identifies and continuously analyzes which of your vendors accept virtual cards as a form of payment. Our optimization team will do a payment method analysis to identify virtual card-accepting vendors. We will contact your vendors to get their confirmation to switch to using virtual cards as their primary payment method. After the vendor has agreed, we will update their

vendor record and change their default payment preference to virtual card. The next time you pay your vendor, they will be paid with a virtual card.

- Benefits of using Virtual Cards include:
 - Virtual card payments give 25-55 days extended payment terms to optimize cash flow.
 - Virtual card payments strengthen vendor relationships by paying early and taking advantage of early payment discounts.
 - Virtual card payments minimize the risk of internal and external payment fraud and avoid sharing sensitive financial data.
 - Virtual card payments save money by avoiding transaction fees.
 - You can receive 1% cash back for all eligible virtual card payments.
- Payment Batch Approval Routing
 - All batch payments now require approval. Batch approval routing:
 - helps accelerate and improve decision-making.
 - improves spending visibility.
 - minimizes the risk of fraudulent payments.
 - You can set up to three levels of approval hierarchy, and you can select multiple approvers for each level.
 - You can set the following approval types:
 - Bill Payment – payment amount limit for each bill in a batch.
 - Vendor Payment – payment amount limit for each vendor in a batch.
 - Batch Payment – total payment amount limit of a batch payment.

Notable enhancements in this release include:

- Vendor approval routing
 - You can now add vendor banking details for vendors that are in the Pending Approval state.
 - Approval routing is only need for changes in field related to payment automation processing.
 - Custom or standard roles with access to vendor records can now approve changes to vendor records.
 - Vendor records can now be approved in bulks.
 - Approvers can now view full bank account details.
- Payment tracking and status updates have been improved.
- The remittance information can now be updated from the billing account record.
- Money transfers can now be initiated by custom roles other than AP Payment Clerk, AP Payment Manager, or Administrator.
- Journal entries for monthly transaction fee funding are now created automatically.
- The Payment Automation dashboard performance has been improved to let you get an overview of key data quickly and easily.

For the Payment Automation SuiteApp documentation, see the help topic [Payment Automation SuiteApp](#).

Payment Automation Enhancements

The Payment Automation SuiteApp version 3.0 includes the following new enhancements:

- **Daily Transaction ACH Limit Validation**

Daily Transaction Limit is the maximum limit for processing ACH and check payments on any day set by HSBC Bank. Daily transaction limit validation eliminates the need to reprocess failed payments due to limit-exceeding failures. With this validation:

- You can only process payments that are within the Daily Transaction Limit. The available daily limit can be viewed for processing bill payments from a pay single vendor, bulk bill payments, and money transfers.
- You can only submit payments on business days. Payment processing and money transfers cannot be initiated on weekends or bank holidays.
- You can better plan and prioritize the payments to be processed for any day based on the remaining daily limit available.

■ **Payment Tracking Enhancements**

For easier payment tracking, the Payment Dashboard now includes three additional tabs:

- Outstanding Checks - You can monitor checks that are yet to clear your bank.
- Scheduled - You can track future dated payments that are yet to be submitted to HSBC for processing.
- Delayed – This tab shows a list of payments that require your urgent attention as these payments were not processed successfully due to errors.

■ **Customizable Bulk Processing Page**

You can now customize the payment processing page. You can add up to six standard or custom transaction fields. You can view more transaction details to help you prioritize bills for payment.

■ **Monthly Billing Invoice Enhancements**

Automatic email reminders are sent to you when a billing invoice is available. You can find the invoice in the dashboard without the need for manual refreshing.

■ **Additional enhancements in this release include:**

- You can automate the migration of the vendor bank data from Electronic Bank Payments and Coastal Features to Payment Automation.
- The Payment Automation dashboard performance is now improved to show you an overview of key data.
- During the creation of journal entries in Payment Automation, preferences for department, class, and location can be used from core records.
- The remittance email address on the vendor record is no longer required for check or ACH payment types. However, it is still required for VCard.
- You can now search payments using the check number on the Payments page of the dashboard.
- If a timeout error occurs during payment submission to payment processor, the transaction is removed from the current batch and processed in the next batch.

For the Payment Automation SuiteApp documentation, see the help topic [Payment Automation SuiteApp](#).

Change to Date of Imported Bank Transactions Using Bank Feeds

With Bank Feeds SuiteApp version 23.2.0, the value in the Date column on the Bank Reconciliation page has changed for transactions imported through the following format profiles:

- Connect to Europe Accounts
- Connect to Non-PSD2 Europe Accounts

- Connect to Accounts in Other Countries

To prevent mismatch between your bank statement file and the imported transactions, the latest version now displays the date based on the following criteria:

1. When available, the SuiteApp uses the transaction date on your bank statement file. The transaction date refers to the date on which the transaction occurred.
2. Otherwise, the system uses the posting date. The posting date of a transaction refers to the date on which funds are taken from or received to your account.

Previously, when you view the imported data on the Bank Reconciliation page, the value in the Date column on the **To be Matched** and **Review** subtabs only shows the posting date. Now, the date of imported transactions from all provisioned format profiles should match the date on your bank statement file.

For more information, see the help topic [Viewing Imported Data on the Match Bank Data Page](#).

Australia Bank Feeds SuiteApp Now Available

The Australia Bank Feeds SuiteApp is now generally available for installation from the SuiteApp Marketplace.

The Australia Bank Feeds SuiteApp is a single-page SuiteApp that automates the transfer of your bank data from financial institution accounts in Australia into NetSuite.

The Australia Bank Feeds SuiteApp enables you to:

- Connect NetSuite to multiple financial institutions that operate in Australia
- Get automated daily import of bank transactions that are ready for bank reconciliation
- View your imported financial institutions and bank accounts in a single page
- Map bank accounts in your feed to their relevant GL accounts
- Receive cleared and processed bank transactions daily from your financial institution accounts

For more information, see the help topic [Australia Bank Feeds SuiteApp](#).

Inventory Management SuiteApps

This release note was updated [September 25, 2023](#).

Following are the 2023.2 inventory management enhancements to SuiteApps:

- [Quality Management](#)
- [SCM Mobile Enhancements](#)
- [Smart Count Enhancements](#)
- [Item 360 Dashboard Enhancements](#)

Quality Management

NetSuite 2023.2 includes support for the following enhancements to the Quality Management SuiteApp:

- [Automatically Assign the Quality Management Inspection Queue](#)

- [Support Quality Management Tablet Navigation from SCM Mobile Framework](#)
- [Generate COA for Item Fulfillment from a Transfer Order](#)
- [Quality Management Improvements and Fixes](#)

Automatically Assign the Quality Management Inspection Queue

The NetSuite 2023.2 Quality Management SuiteApp enables you to automatically assign an employee when you create an inspection. After the employee is assigned, the Quality Management SuiteApp sends an email notification to that employee when an inspection queue is created and assigned.

Support Quality Management Tablet Navigation from SCM Mobile Framework

The NetSuite 2023.2 Quality Management SuiteApp enables you to share a link from an SCM Framework application that will open the Quality Management application in a mobile tablet. This includes such products as the Manufacturing Mobile SuiteApp, WMS, Ship Central, and Smart Count, to name a few.

Generate COA for Item Fulfillment from a Transfer Order

The NetSuite 2023.2 Quality Management SuiteApp enables you to use Transfer Orders to generate a Certificate of Analysis (COA) for Item Fulfillment.

Quality Management Improvements and Fixes

The NetSuite 2023.2 Quality Management SuiteApp includes the following improvements and fixes:

- When you use the Advanced Manufacturing tablet to report production inventory, you can generate an inspection queue without duplicate lot or serial numbers.
- You can now generate an inspection queue with the correct transaction quantity for a partial Item Receipt and a partial Item Fulfillment Transaction.
- The Quality Management SuiteApp enables you to change the inventory status as part of the Enhanced Receipt Quarantine Workflow without a bin transfer.
- You can use the ad-hoc process to generate an inspection queue with the correct transaction line number.
- The Quality Management SuiteApp now displays the full quantity in Certificate of Analysis (COA) documents.
- You can now set a default saved search when you are using the Tablet view.
- Quality Management enables you to display assignee and priority values in the inspection queue details.

SCM Mobile Enhancements

In NetSuite 2023.2, enhancements to SCM Mobile include the following:

- [Ability to Switch Roles on the App](#)
- [New Options for Saving Mobile Configurations](#)
- [Support for Dynamic IP Addresses for Printers](#)

- [Ability to Change Button Sizes](#)
- [Enhancements to Table Elements](#)

Ability to Switch Roles on the App

Aside from changing roles through the NetSuite UI, you can also change them within the app. On your device, you can switch between roles that have access to an SCM Mobile app. If you select a role with no access, you change only the role in the NetSuite UI. For more information, see the help topic [SCM Mobile App Basics](#).

New Options for Saving Mobile Configurations

Previously, you can only save your mobile configurations and update the app at the same time. Now, you can choose between **Save** or **Save and Update App** on the Mobile Configuration page. To configure multiple page elements and subtabs, save them separately without applying them to the app each time. After you save each of your page element and subtab configurations, you can choose the **Save and Update App** option. You can also choose this option if you want to configure a single page element or information screen element only.

For more information, see the help topic [SCM Mobile App Configuration](#).

Support for Dynamic IP Addresses for Printers

You can activate the **Enable Dynamic IP Printing** setting to add dynamic IP addresses to your safelist for mobile printing. You can add up to 100 IP address or a range of addresses at a time. To set up dynamic or static IP addresses, see the help topic [Configuring Security Settings](#).

Ability to Change Button Sizes

SCM Mobile provides the **Medium** and **Large** settings to increase the size of Action Button types of page elements. Updates to button sizes apply to buttons within both standard and custom mobile processes. It does not apply to buttons located at the footer of mobile pages. If you do not select a size, you switch back to the default size.

To set up, see the help topic [Configuring SCM Mobile App Settings](#).

Enhancements to Table Elements

During mobile customization or configuration, you can add columns to the left side of Transfer Table elements. On the app, you have the option to display the new columns on the table.

For all Table element types, you can choose a column to sort their data on the app. Your sorting preference persists until you change it or clear the cache. It does not reset even if you log out and in again using the same credentials and role.

For more information, see the help topic [Adding Columns to Table Elements](#) or [SCM Mobile Page Elements \(Buttons, Fields, Tables\)](#).

Smart Count Enhancements

Smart Count SuiteApp version 4.0.0 includes the following enhancements:

The Smart Count SuiteApp now lets you perform the following actions:

- Scan GS1 bar codes when counting inventory items, lot numbered items, and serialized items. This feature is available only for WMS users.
- Select a count configuration to display items on the task list based on the selected value. Use the new **Count Configuration** field on the following pages on the mobile app:
 - Task List
 - Counted Items
 - Complete All Counts

This field lists all active count configurations, inactive count configurations, and spot counts.
- View the counted items on the Counted Items page on the Smart Count mobile app.
- Filter item count records for count review based on inventory classification, vendor, and class. The Primary Filters section on the Smart Count Review page now includes the following filters:
 - Class
 - Inventory Classification
 - Vendor
- Include bins with zero quantity of an item on the task list. The count configuration record now includes the **Count Bins with Zero Quantity** box.
- Update the next inventory count date for spot counts. The Smart Count Preferences page now includes the **Set Next Inventory Count Date for Spot Count** preference.
- Access the Smart Count mobile app from **Inventory > Smart Count > Mobile App** when using the Smart Count Counter and Smart Count Inventory Manager roles.
- Approve item count records even when the following fields are marked as **Required** for an inventory adjustment transaction:
 - Class
 - Department
 - Location
- Select the following options when counting different items from the same bin:
 - **Complete All** – This option lets you complete count for all items counted from the bin.
 - **Complete Selected** – This option lets you complete count only for the item selected for count.
- Update the inventory count interval and next inventory count date using the Mass Update feature. The Mass Update page now includes the following fields:
 - Inventory Count Interval
 - Next Inventory Count Date
 - Inventory Location

To update the inventory count interval and next inventory count date, you must select the inventory location on the Mass Updates page. If you do not specify the inventory location, the SuiteApp updates the next inventory count date and inventory count interval for items across all locations.

Smart CountSuiteApp version 3.0.4 includes the following enhancements:

- When approving item counts, the SuiteApp now creates inventory adjustments even if the **Adjustment Location** field on an inventory adjustment record is blank.
- Setting the next inventory count date on an item record is no longer required when creating a custom saved search.
- The **Counted By** field in on the Smart Count Review page now lists all the users who have performed item counts.

For more information, see the help topic [Smart Count](#).

Item 360 Dashboard Enhancements

Item 360 Dashboard SuiteApp version 1.2.0 includes the following updates:

- The **Item 360 Dashboard** button is now available in an item record. You can click on the button to go to the Item Overview page where the **Item** filter is populated with that item.
- A refresh icon is now added to individual portlets on the Item Overview page for updating the portlet data.

For more information, see the help topic [Item Overview Page](#).

Localization SuiteApps

This release note was updated [January 22, 2024](#).

Following are the 2023.2 localization enhancements to SuiteApps:

- [ANZ Localization Enhancements](#)
- [Belgium Localization Tax Reports Enhancements](#)
- [Brazil Certification Tax Authorities Enhancements](#)
- [Brazil Localization Enhancements](#)
- [Brazil Reports Enhancements](#)
- [End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC](#)
- [France Localization FEC Report Enhancement](#)
- [India Localization Enhancements](#)
- [Support for Japan Electronic Bookkeeping Act](#)
- [Japan Localization Enhancements](#)
- [Netherlands Localization Tax Reports Enhancements](#)
- [New Spain Localization SuiteApp](#)
- [Portugal Invoice Certification Enhancements](#)
- [Portugal Localization Enhancements](#)
- [Saudi Arabia E-Invoicing Now Available in the SuiteApp Marketplace](#)
- [Singapore Localization Enhancements](#)
- [Singapore PEPPOL-Ready E-Invoicing Enhancement](#)
- [Spain Localization Enhancements](#)

ANZ Localization Enhancements

ANZ Localization SuiteApp version 2.0.5 includes the following enhancements:

- [Added ANZ Advanced PDF/HTML Templates to Print and Email Australia-Specific Documents](#)
- [Added the ANZ Document Printing Preferences Page to Configure Document Printing Preferences](#)

Added ANZ Advanced PDF/HTML Templates to Print and Email Australia-Specific Documents

You can now use the following ANZ advanced PDF/HTML templates for printing Australia-specific documents and sending them through email.

- ANZ Tax Invoice
- ANZ Invoice
- ANZ Sales Order
- ANZ Packing Slip
- ANZ Credit Adjustment Note
- ANZ Purchase Order
- ANZ Remittance Advice

These templates comply with the content and layout guidelines specified by the Australian Tax Office (ATO).

To use the following templates for your transactions, you must first enable the Advanced PDF/HTML Templates feature from Setup > Company > Enable Features. In addition, assign an appropriate ANZ template to a transaction form.

Added the ANZ Document Printing Preferences Page to Configure Document Printing Preferences

You can now configure document printing preferences for Australia on the ANZ Document Printing Preferences page.

The printing preferences that you configure on this page apply to all the printed documents that the ANZ Localization SuiteApp supports.

On the ANZ Document Printing Preferences page, you can perform the following actions for your company and subsidiary:

- Customize footer message and bank details to be printed on documents. For NetSuite OneWorld accounts, you can customize the footer message and bank details for each subsidiary.
- Print documents inclusive or exclusive of GST.
- Print user ID and generation date on printed documents.
- Use transaction number instead of document number when printing a remittance advice.

For more information, see the help topic [Using ANZ Advanced PDF/HTML Templates](#).

Belgium Localization Tax Reports Enhancements

NetSuite 2023.2 includes the following enhancements to the tax reports in the Belgium Localization SuiteApp:

- [New Fiche 281.50 Report](#)
- [VAT 625 and EU Sales List 723 Enhancements](#)

For more information, see the help topic [Belgium Localization](#).

New Fiche 281.50 Report

Belgium Localization SuiteApp version 2.02.0 lets you generate the Fiche 281.50 tax audit file. You can classify the vendors and accounts of your Belgium subsidiary according to the expense types that are covered in Fiche 281.50. These expense types include commissions, gratuities, and broker fees, among other expenses. The Fiche 281.50 form reports the transactions that are posted to these accounts and vendors in a XML file. This feature is supported in NetSuite accounts both with or without SuiteTax.

VAT 625 and EU Sales List 723 Enhancements

Belgium Localization SuiteApp version 2.03.0 provides the following enhancements in the SuiteTax-based VAT 625 and EU Sales List 723 reports:

- **New VAT 625 tax codes with 100% tax rate** – You can use these tax codes for import taxes and adjustments of tax liability.
- **New tax reporting categories** – The categories for the VAT report let you classify goods and services based on the purpose of purchase. You can use the category for the EU Sales List to declare triangular trades.
- **Updated VAT 625 and EU Sales List filters** – The default filters now include the new tax codes and tax reporting categories.
- **New reverse sign filter** – You can use the reverse sign filter in specific VAT 625 boxes to report negative amounts as positive values. For example, you can apply the Reverse Sign filter to report negative VAT due on credit memos as a positive value.

Brazil Certification Tax Authorities Enhancements

In NetSuite 2023.2, enhancements to Brazil Certification Tax Authorities include the following:

- [Receiver Acknowledgment](#)
- [Support for Additional Third-party Standards](#)

Receiver Acknowledgment

Brazil Certification Tax Authorities now enables you to capture e-documents that your company receives. You can also communicate to tax authorities whether you recognize the transactions described, and send a justification if an operation did not go through.

When you acknowledge a transaction, you can automatically convert the incoming e-document into a vendor bill in NetSuite. The system carries over the information about the purchase from the e-document to the transaction.

For more information, see the help topic [Receiver Acknowledgment](#).

Support for Additional Third-party Standards

The SuiteApp now offers predefined plug-ins and e-document templates for the following third-party standards:

- SAATRI
- Sequential DSFNET

- TIPLAN version 1.00
- TIPLAN version 2.03

With these additions, you can use the plug-ins and templates to send e-documents to more than 500 tax authorities in Brazil.

For more information, see [Brazil Certification Authorities Overview](#).

Brazil Localization Enhancements

In NetSuite 2023.2, enhancements to Brazil Localization include the following:

- [Cash Sales with SAT Cash Receipts](#)
- [E-Document Number Voiding](#)
- [Fine and Interest Charges on Purchases](#)
- [GNRE Tax Collection Forms](#)
- [Inventory Ownership and Custody for Locations in Brazil](#)
- [Localized Intercompany Transfers](#)
- [Removal of Installments from CNAB Delivery Files](#)
- [Support for Transactions Without Terms or Installments](#)

Cash Sales with SAT Cash Receipts

If you print cash receipts with a Sistema Autenticador e Transmissor (SAT) equipment, you can enter the receipts on cash sale transactions. With this enhancement, the E-Document subtab displays fields for you to fill in the information from your SAT cash receipts.

For more information, see the help topic [Entering Cash Sales with SAT Cash Receipts for Brazil](#).

E-Document Number Voiding

The SuiteApp enables you to void e-document numbers assigned to electronic invoices that were not sent for certification. You can justify to the tax authority why you are not using that number and why the company's numbering sequence is broken.

For more information, see the help topic [Voiding E-Document Numbers for Brazil](#).

Fine and Interest Charges on Purchases

If you have purchase transactions with installments past due, you can now enter fine and interest amounts. When you apply the charges to the installments, NetSuite creates fine and interest on purchases transactions, which are related to the original vendor bills.

For more information, see the help topic [Applying Fine and Interest Charges on Purchases for Brazil](#).

GNRE Tax Collection Forms

You can now generate the Guia Nacional de Recolhimento de Tributos Estaduais (GNRE) for interstate sales transactions.

The generation of the GNRE tax collection form is available on transactions that have a certified electronic invoice and to which the ICMS ST, ICMS DIFAL, or FCP ST taxes apply.

For more information, see the help topic [Generating GNRE Forms for Brazil](#).

Inventory Ownership and Custody for Locations in Brazil

You can now define the type of inventory ownership and custody for your locations in Brazil if your subsidiary:

- Performs inbound and outbound delivery transactions.
- Reports the inventory to local authorities.

For more information, see the help topic [Adding the Type of Inventory Ownership and Custody to Locations for Brazil](#).

Localized Intercompany Transfers

Brazil Localization enables you to generate electronic invoices when transferring items between subsidiaries. You can create outbound deliveries from item fulfillment transactions and then generate electronic invoices. You can also create inbound deliveries from item receipt transactions.

For more information, see the help topic [Transferring Inventory Between Subsidiaries in Brazil](#).

Removal of Installments from CNAB Delivery Files

You can remove one or more installments from a Centro Nacional de Conciliação Bancária (CNAB) delivery file in the following scenarios:

- If the installments should not have been included in the first place.
- If the bank rejected the installments after you submitted the delivery file.

For more information, see the help topic [Removing Installments from CNAB Delivery Files for Brazil](#).

Support for Transactions Without Terms or Installments

Brazil Localization enables you to add payment information to transactions without installments to make the following payments through the CNAB system:

- Pay vendors
- Reimburse employees

For more information, see the help topic [Adding Payment Information to Transactions Without Installments for Brazil](#).

Brazil Reports Enhancements

In NetSuite 2023.2, enhancements to Brazil Reports include the following:

- [Download Fiscal Books in XLS Format](#)
- [Inventory Ownership and Custody Report](#)

■ [Support for Manufacturing Business](#)

Download Fiscal Books in XLS Format

You can now download fiscal books in XLS format on the Country Tax Reports page. Previously, you only had the option to download fiscal books in PDF format.

For more information, see the help topic [Generating Country Tax Reports for Brazil](#).

Inventory Ownership and Custody Report

The inventory ownership and custody report displays information such as the items owners and custodians, and the current and previous quantities assessed. You can generate the new report from the inventory assessment record.

For more information, see the help topic [Inventory Ownership and Custody Report for Brazil](#).

Support for Manufacturing Business

To support companies who manufacture goods in Brazil, the SuiteApp now includes:

- The following Bloco K records on the EFD ICMS IPI file:
 - K010 – Informação sobre o tipo de leiaute (simplificado/completo)
 - K100 – Período de apuração do ICMS/IPI
 - K200 – Estoque escriturado
 - K235 – Insumos consumidos
 - K250 – Industrialização efetuada por terceiros – Itens produzidos
 - K255 – Industrialização em terceiros – Insumos consumidos
 - K280 – Correção de apontamento – Estoque escriturado
- The following Bloco 0 records on the EFD ICMS IPI file:
 - 0205 – Alteração do item
 - 0220 – Fatores de conversão de unidades
- New sections on the Simples Nacional assessment report:
 - Venda de mercadorias industrializadas pelo contribuinte, exceto para o exterior
 - Sem substituição tributária/tributação monofásica/antecipação com encerramento de tributação
 - Com substituição tributária/tributação monofásica/antecipação com encerramento de tributação

For more information, see the help topic [Available Statutory Reports for Brazil](#).

End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC

The SuiteTax Country Tax Reports APAC SuiteApp version 1.01.1 ends the support for generating the Singapore GST F5 report. As of this version of the SuiteApp, you can no longer perform the following:

- Generate and view the Singapore GST F5 report on the Country Tax Reports page
- Configure the Singapore GST F5 Return template

To continue generating the Singapore GST F5 report, you must install the Singapore Localization SuiteApp. For more information, see the help topic [Singapore Localization](#).

France Localization FEC Report Enhancement

In 2023.2, you can enter the French translations of your custom transactions on the France Localization Configuration page. The French translations are used for the JournalLib and the EcritureLib of the Fichier d'Ecritures Comptables (FEC) Data Extract and the FEC Lettrage reports. By entering the French custom transaction names, you comply with the government requirement to have all transaction names in the FEC report in French.

For more information, see the help topic [France Localization](#).

India Localization Enhancements

The India Localization SuiteApps includes the following enhancements:

- [India Localization SuiteTax Engine Enhancements](#)
- [India Localization SuiteTax Reports Enhancements](#)

India Localization SuiteTax Engine Enhancements

India Localization SuiteTax Engine SuiteApp version 6.00.0 includes the following new features and enhancements:

- **Invoices with QR Codes for B2C Customers**
You can now generate invoices with Quick Response (QR) codes for customers whose registration type is **Unregistered**. A QR code contains coded information about an e-invoice.
- **Ability to Void Transactions**
You can now void transactions that you want to delete. Voiding a transaction sets both the line item amounts and its total transaction amount to zero but does not remove the transaction from NetSuite.
When using the SuiteApp, this is the preferred way of handling a transaction that you want to edit or delete. Voiding a transaction ensures that the calculated tax remains accurate in the India accumulated tax bucket associated with the transaction.
- **GST and TCS Calculation on Kit or Package Items**
You can now calculate GST and TCS on kits or packages when included in transactions.
- **Changes to the IGSTonIntra Attribute Value for Dropship Items**
When the source and destination of a shipment is in the same state, but the billing address is in a different state, the **IGSTonIntra** attribute is set to **Y**.

For more information, see the help topic [India Localization SuiteTax Engine](#).

India Localization SuiteTax Engine SuiteApp version 5.00.0 includes the following new features:

- **Updated calculation process for a Tax Deduction at Source (TDS) tax rule with document threshold** – The updated TDS calculation process applies to vendor bills that use a TDS tax rule where document threshold is set.
When a vendor bill reaches (equal to or greater than) the document threshold of the TDS rule applied to the bill:
 - TDS is calculated on the bill.

- TDS is also calculated on subsequent bills associated with the rule.

The SuiteApp stops considering the document threshold for TDS calculation on subsequent bills associated with the rule after reaching the document threshold.

- **Support for including section codes in TDS tax type mapping** – The SuiteApp now lets you include a section code when mapping the Tax Deduction at Source tax type to a nexus and GL (Tax on Purchase) account. You can create a mapping for the Tax Deduction at Source tax type on the Configuration page. The mapping ensures that TDS is deposited to the desired GL (Tax on Purchase) account.
- **Support for managing the India localization components using the Localization Assistant SuiteApp** – You can now manage the India localization components using the Localization Assistant SuiteApp. For more information, see the help topic [Installing the India Localization SuiteTax Engine SuiteApp](#).
- **Audit logs for the India accumulated Tax Collection at Source (TCS) challan and subsection buckets records** – The SuiteApp now includes audit logs of changes in the TCS amount and its impact on the accumulated amounts for a subsection code and challan code. You can view the audit logs on the India accumulated TCS challan bucket and India accumulated TCS subsection bucket records.
- **Support related to TCS Eligibility, TCS Subsection Code, and TCS Challan Code fields on an invoice** – You can now import values for the following fields through CSV import:
 - TCS Eligibility
 - TCS Subsection Code
 - TCS Challan Code

When a sales order is converted to an invoice, the SuiteApp automatically populates the fields with values on the invoice.

- **Restricted sourcing of Invoice Reference Number (IRN) field details from an invoice** – The SuiteApp no longer automatically sources the **Invoice Reference Number (IRN)** field details from an invoice to a credit memo.

For more information, see the following help topics:

- [Installing the India Localization SuiteTax Engine SuiteApp](#).
- [Creating Tax Deduction at Source Tax Type Mapping](#).
- [Applying TCS on Transactions](#).
- [Applying Tax Deduction at Source on Vendor Bills](#).

India Localization SuiteTax Reports Enhancements

Every GST registered taxpayer in India must file GSTR-9 annually. The India Localization SuiteTax Reports SuiteApp version 4.00.0 lets you generate the following reports to file GSTR-9.

- GSTR9 4 Outward
- GSTR9 5 Outward
- GSTR9 6 ITC Availied
- GSTR9 17 HSN Outward
- GSTR9 18 HSN Inward

These reports contain details about outward supplies, inward supplies, taxes paid, refund claimed, demand raised, and Input Tax Credit (ITC) availed and utilized.

You can generate these reports from Reports > Tax > Country Tax Reports. For more information, see the help topic [India Goods and Services Tax \(GST\) Reporting](#).

Support for Japan Electronic Bookkeeping Act

Japan Localization SuiteApp version 2023.2.5 provides features for complying with requirements of the Electronic Bookkeeping Act for storing and managing electronic transaction documents.

The new **Electronic Transaction Data** subtab on transaction records has fields where you can specify details of electronic documents related to the parent transaction. To view the subtab on transaction records, the role that will use it must first have the right permissions. You must grant the role permission levels for Custom Record to edit Electronic Transaction Data and for List to create Documents and Files.

Before specifying electronic transaction documents, you must store them first in the File Cabinet. Then, on the transaction you must specify the following in corresponding fields on the **Electronic Transaction Data** subtab:

- document file name
- document type
- transaction date
- transaction amount
- transaction entity
- whether the document was sent or received

After you enter field values and save the transaction, an Electronic Transaction Data custom record will be created with the details you specified. This custom record associates or links the electronic document to its parent transaction. Electronic Transaction Data custom records lets you store, retrieve, and manage electronic documents in a structured way. Also, you can search for records by year using a new saved search that the SuiteApp provides.



Important: Your administrator or any role with permission must not edit or delete an electronic document in the File Cabinet that is already specified in an Electronic Transaction Data custom record. This will cause an error when that record or the parent transaction is edited.

For more information, see the help topic [Support for Electronic Bookkeeping Act](#).

Japan Localization Enhancements

Japan Localization SuiteApp version 2023.2.2, the latest, includes the following enhancements:

■ Deductible Purchase Tax on Expense Reports and Journal Entries

Expense reports and journal entries can now be subject to deductible tax. To apply deductible tax, ensure that a tax code with purchase tax rate is selected in the **Tax Code** field in any of the following:

- line item on the **Expenses** subtab of an expense report
- a debit or credit line on the **Lines** subtab of a journal entry

For more information, see the help topic [Deductible Purchase Tax for Japan](#).

■ Ability to Overwrite Tax Amount After Deductible Purchase Tax is Calculated

You can overwrite the tax amount on purchase transactions or journal entries even after deductible tax has been calculated. You should only do this if the tax and amount values on the bill generated by NetSuite are different from those on the bill received from your vendor.

When you edit a transaction or bill to enter new values for tax and amount, a message is displayed for you to confirm the recalculation of deductible tax:

- If you select **OK**, NetSuite will recalculate deductible tax using the new values.
- If you select **Cancel**, NetSuite will overwrite the previous values but will not recalculate deductible tax.

For more information, see the help topic [Overwriting Tax Amount After Deductible Purchase Tax is Calculated](#).

- **Set Values for Qualified Invoice Issuer and Tax Registration Number Using CSV Import**

You can use CSV import to set or update values for the **Qualified Invoice Issuer** and **Tax Registration Number** fields on vendor records.

If you set the value for Qualified Invoice Issuer to **True**, this makes the Tax Registration Number field a required field, so you must provide a value for it.

For more information, see the help topic [Specifying Qualified Invoice Issuer or Vendor Tax Exemption](#).

- **Enhanced Saved Search for Including Credit Memo Line Items in the Invoice Summary**

This version of the SuiteApp provides an improved invoice summary transaction saved search for including the correct credit memo line items in the invoice summary. When you use the saved search, it will include credit memo discount items in the invoice summary but will exclude GL impact line items.

Japan Localization SuiteApp version 2023.2.1 includes the following enhancements:

- **Qualified Invoicing Tax Adjustment for Consolidated Invoice Summaries**

To enable this feature, check the **Apply Tax Invoice Summary Adjustment** box on the **Japan Localization** subtab of all parent customer records. Then, complete other requirements in [Enabling Invoice Summary Tax Adjustment](#). After you enable the feature, the consolidated invoice summary shows the adjusted consumption tax amount for all transactions, including those from subcustomers.

For more information, see the help topic [Applying Qualified Invoicing Tax Adjustment to Consolidated Invoice Summary](#).

- **Input Values for Deductible Purchase Tax Using CSV Import**

You can now use CSV import to input or update values for deductible purchase tax in the **Account**, **Tax Code**, and **Amount** fields of the following purchase transactions:

- purchase order (item sublist only)
- vendor bill
- vendor credit

For more information, see the help topic [Deductible Purchase Tax for Japan](#).

- **Grouping and Order of Transactions Shown in the Invoice Summary**


Transactions in the invoice summary are now grouped into invoices and credit memos. Invoices are presented first and then credit memos, as required by the Qualified Invoicing System. Previously, transactions in the invoice summary were sorted according to transaction date.

For more information, [Presentation of Transactions in the Invoice Summary](#).

Netherlands Localization Tax Reports Enhancements

Netherlands Localization SuiteApp version 2.2.0 provides the following enhancements to the SuiteTax-based VAT and EC Sales List reports:

- **Updated tax reporting filters** – The default filters that are used to get the values for the VAT OB69 and EC Sales List have been updated.

 **Note:** Reporting triangular trade transactions in the VAT and EC Sales List reports is not supported.

- **Support for multi-book accounting in EC Sales List** – You can now generate the EC Sales List report for each accounting book.

For more information, see the help topic [Netherlands Localization](#).

New Spain Localization SuiteApp

The first public release of the Spain Localization SuiteApp (version 1.5.0) introduces the following SuiteTax-based features. Note that you can currently only download Spain Localization SuiteApp from the SuiteApp Marketplace upon obtaining a permission from the country PM:

- **SuiteTax-based tax reporting**

The SuiteApp supports selected operations related to the General Regime section of the following reports:

- Modelo 303
- Modelo 349
- Modelo 390
- SII for issued and received invoices

To generate these reports, you must first enable the SuiteTax feature in your account.

- **Visual drill-down and electronic format**

The SuiteApp offers a visual drill-down of Spain VAT reports that you can use to review transaction values included in individual report boxes. Additionally, you can download your reports in a machine-readable format and upload them to the AEAT website.

- **Financial reports for Spain**

The SuiteApp provides the following financial reports for Spain:

- Balance Sheet for Spain
- Trial Balance for Spain
- Profit and Loss Account for Spain
- Journal for Spain
- General Ledger for Spain
- Book of Issued and Received Invoices for Spain

For more information, see the help topic [Spain Localization](#).

Portugal Invoice Certification Enhancements

Portugal Invoice Certification SuiteApp version 1.12.0 includes the following changes and enhancements:

- The support for the Portugal Invoice Certification SuiteApp has ended.
- Features and data in the Portugal Invoice Certification SuiteApp have been migrated to the Portugal Localization SuiteApp, the new version of the Portugal SAF-T SuiteApp.
- Portugal Localization SuiteApp supports the features of both the former Portugal SAF-T and Portugal Invoice Certification SuiteApps.
- All upcoming feature updates ensuring compliance with Portugal law will only be accessible in the Portugal Localization SuiteApp.

For more information, see Portugal Invoice Certification.

Portugal Localization Enhancements

Portugal Localization SuiteApp version 2.0.0 includes the following changes and enhancements:

- The Portugal SAF-T SuiteApp has been renamed to Portugal Localization SuiteApp.
- Features and data in the Portugal Invoice Certification SuiteApp have been migrated to the Portugal Localization SuiteApp.
- Portugal Localization SuiteApp supports the features of both the former Portugal SAF-T and Portugal Invoice Certification SuiteApps.
- All upcoming feature updates ensuring compliance with Portugal law will only be accessible in the Portugal Localization SuiteApp.

Portugal Localization SuiteApp version 2.1.0 includes the following enhancements:

- **Updated time format in the Certification Date field**

The certification date and time of the transaction are expressed as YYYY-MM-DD "T" hh:mm:ss. The certification time reflects the Western European Time (UTC±00:00) and does not consider the daylight saving time scheme.

- **Updated time format in the Movement of Goods Start Time field**

The updated field expresses the local time of the warehouse that transports the goods. This value is not affected by user's time zone and stays unchanged when displayed in the UI, printed documents, or generated reports.

- **The following updates related to foreign tax codes and fiscal spaces:**

- You can now enter foreign fiscal spaces and tax codes into the Fiscal Space and Portugal Tax Code fields.
- QR codes printed on your transaction documents now include information about foreign tax codes and fiscal spaces.
- Sales invoices documents in the SAF-T for Billing report now include information about foreign tax codes and fiscal spaces.

- **Inclusion of transaction lines with zero amounts in the SAF-T for Billing report**

Your generated reports now include signed transactions that only contain transaction lines with zero amounts.

Portugal Localization SuiteApp version 2.2.0 includes the following enhancements:

- **Required Assignment of Certification Accounting Books for Multi-Book Accounting Users**

You can now assign certification accounting books to your Portugal subsidiaries. If you use Multi-Book Accounting, this assignment is required for successful certification of transactions, QR code generation, and printing of Portugal documents.

- **Inclusion of Billable Expenses in the SAF-T for Billing Reports**

Your SAF-T for Billing reports now include information about those transactions that contain billable expenses.

For more information, see the help topic [Portugal Localization](#).

Saudi Arabia E-Invoicing Now Available in the SuiteApp Marketplace

Saudi Arabia E-Invoicing SuiteApp version 1.0.0 is now available in the SuiteApp Marketplace.

This SuiteApp lets you send certified e-documents to your Saudi Arabian customers and vendors. E-documents are certified by ZATCA, the Zakat, Tax and Customs Authority.

ZATCA allows businesses and agencies to certify e-documents through the Saudi Arabian Taxation Portal (ERAD), also known as FATOORA (<https://fatoora.zatca.gov.sa/>), before sending them to their customers.

For Saudi Arabia, the SuiteApp applies ZATCA standards specified at <https://zatca.gov.sa/en/AboutUs/Pages/AboutZATCA.aspx>.

Before installing the Saudi Arabia E-Invoicing SuiteApp, you must install the Electronic Invoicing SuiteApp, Localization Assistant SuiteApp, Country-Specific Address Forms SuiteApp, and SuiteApps License Client.

This SuiteApp can only be used for companies in Saudi Arabia.

For more information, see the help topic [Saudi Arabia E-Invoicing](#).

Singapore Localization Enhancements

The Singapore Localization SuiteApp version 1.1.0 includes the following enhancements:

■ GST F5 Return Form Header Updates

Sourcing of the following GST F5 Return headers are now updated:

- Name – Sourced from the company or subsidiary's legal name.
- Tax Reference No. – Sourced from the company or subsidiary's Unique Entity Number (UEN).
- GST Registration No. – Sourced from the company or subsidiary's tax registration number.
- Due Date – Automatically set to one month after the end of the accounting period.

■ Singapore Tax Filing Setup

The new **Set Up Singapore Tax Filing** page lets you update the Declarant Designation details for your GST F5 Return form.

■ Singapore Tax Code Update

The following properties are now available for Singapore tax codes:

- **Post as Sales in IAF** – Transactions that use tax codes with this property are listed in the Supply Listing section of the IRAS Audit File (IAF) you generate.
- **Customer Accounting** – This tax code property lets you identify transactions that are for customer accounting.

■ Support for the Multi-Book Accounting Feature in Generating Reports

The new version of the SuiteApp lets you select secondary account books to generate the IAF and the Singapore GST F5 Return.

■ Support for Tax Invoice and Credit Note Templates

The new version of the SuiteApp provides tax invoice and credit note templates you can use for Singapore transactions.

For more information, read the following help topics:

- [Singapore GST F5 Return](#)
- [Updating GST Return Declarant Designation Details](#)
- [Singapore Localization Tax Codes](#)
- [Singapore Localization Reports](#)
- [Singapore Localization Custom Templates](#)

Singapore PEPPOL-Ready E-Invoicing Enhancement

The Singapore PEPPOL-Ready e-Invoicing SuiteApp version 1.1.0 includes a new access point, DataPost. You must register and enroll your company to Singapore PEPPOL through either eInvoice.sg or DataPost.

When creating the SG PEPPOL E-Invoicing Configuration record, a new option is available to select your access point and enter the required credentials.

For more information, see the help topic [Singapore PEPPOL-Ready e-Invoicing](#).

Spain Localization Enhancements

Spain Localization SuiteApp version 1.6.0 includes the following enhancements:

- **Updated Boxes and Field Labels in the Modelo 390 Report and the Modelo 390 Configuration Page**

The following field labels were removed:

- Special regime for a group of companies in any period of the fiscal year
- Tax rate applicable to the special regime: Article 163 sexies (five)
- Have you opted for the special regime of the cash basis (Article 163 undecies of the VAT Law)?
- Have you been the recipient of transactions with the applicable special regime of the cash basis?

The following boxes were added:

- 96
- 97
- 98
- 662

- **New SII Reporting Status Types**

This version includes the following new status types:

- **Rejected After Resubmission**

Status is shown when you alter a transaction previously marked as correct or partially correct and obtain a new status after its resubmission.

- **Pending Correction**

If you want to alter a transaction previously marked as correct, you can manually change its status to Pending Correction and resubmit it to AEAT.

- **Support of Special Characters and Accent Marks in Spain VAT Reports**

You can now enter words and letters with special characters and accent marks in fields related to name, address, and activity.

- **Classification of Items Based on the Tax Item Type Field**

Transactions items are now classified into goods and services based on the Tax Item Type field on the item record. Filling out this field is required if you want the generated Spain VAT reports to consider your transactions.

For more information, see the help topic [Spain Localization](#).

Manufacturing SuiteApps

Following are the 2023.2 manufacturing enhancements to SuiteApps:

- [Costed Bill of Materials SuiteApp Enhancements](#)
- [Manufacturing Mobile Enhancements](#)

- [Work Instructions and Traveler SuiteApp Enhancements](#)

Costed Bill of Materials SuiteApp Enhancements

Costed Bill of Materials SuiteApp includes enhancements for the following versions:

- [Costed Bill of Materials SuiteApp Now Available](#)
- [Costed Bill of Materials SuiteApp Version 1.1.0](#)
- [Costed Bill of Materials SuiteApp Version 1.1.2](#)

Costed Bill of Materials SuiteApp Now Available

The Costed Bill of Materials SuiteApp calculates the total cost of an assembly based on a bill of materials revision, routing, and templates used. The SuiteApp also enables you to do the following:

- View the comprehensive cost breakdown of an assembly item, including bills of materials, operations, and cost types based on selected bill of materials revision.
- View and analyze costs of individual components required for an assembly. This calculation also involves the material cost, labor cost, and additional costs associated with the component.
- Estimate the potential costs of manufacturing items for bill of materials.
- Access cost breakdowns for bills of materials as part of your product engineering and costing processes.

The SuiteApp includes the following:

- **Material Costs subtab** – You can view material costs based on item costing method, purchase price, or item default price on this subtab. Using these details, you analyze the cost of the materials used in the assembly.
- **Assembled Costs subtab** – You can view and analyze cost breakdown for manufacturing operations on this subtab. The details can help you understand the cost of each manufacturing operation involved in producing the item.
- **Fully Exploded Costs subtab** – You can view detailed breakdown of material and operation costs by cost types on this subtab. You can analyze the costs associated with each material and operation used in the assembly.

For more information, see the help topic [Costed Bill of Materials](#).

Costed Bill of Materials SuiteApp Version 1.1.0

Costed Bill of Materials SuiteApp version 1.1.0 includes the following updates:

- [Report Download](#)
- [Send the Report Through Email](#)
- [Update in Required Features](#)

Report Download

The SuiteApp now has a **Download** button which you can use to download the Costed Bill of Materials report as an XLS file.

Send the Report Through Email

Use the **Email** button to share the Costed Bill of Materials report to your contacts through email.

Update in Required Features

The **Standard Costing** and **Advanced Item Location Configuration** features are now optional.

For more information, see the help topic [Costed Bill of Materials](#).

Costed Bill of Materials SuiteApp Version 1.1.2

Costed Bill of Materials SuiteApp version 1.1.2 includes the following update:

Simulate Report

The SuiteApp now has a **Simulate** button using which you can simulate the Costed Bill of Materials report by modifying the unit cost values for a nonassembly item. For more information, read the help topic [Creating Costed Bill of Materials](#).

Manufacturing Mobile Enhancements

NetSuite 2023.2 includes the following Manufacturing Mobile SuiteApp enhancements:

- The Bulk Manager role no longer has access in Manufacturing Mobile.
- The number of work orders displayed on the Select Work order page is controlled by a system parameter. In Manufacturing Mobile Preferences, you can set the value for the Past Work Order Days to be Shown parameter. For example, if set to this parameter to 30, only work orders within the past 30 days are shown.
- Manufacturing Mobile now enables you to add a field and update the custom records using the SCM Mobile No Code Solution framework. This framework allows a custom field to be added to a page with no coding effort.

Report Scrap from a Mobile Device

You can now use your mobile device to report scrap for Work in-Progress (WIP) Work Orders.

Work Instructions and Traveler SuiteApp Enhancements

Work Instructions and Traveler SuiteApp includes enhancements for the following versions:

- [Work Instructions and Traveler SuiteApp Now Available](#)
- [Work Instructions and Traveler SuiteApp Version 1.1.0](#)

Work Instructions and Traveler SuiteApp Version 1.1.0

Work Instructions and Traveler SuiteApp version 1.1.0 includes the following updates:

- [Additional Work Instructions Subtab in a Work Order Record](#)

- [Update in Traveler Report](#)
- [Update in Filter By Section](#)

Additional Work Instructions Subtab in a Work Order Record

You can now add specific work instructions for a work order in the **Additional Work Instructions** subtab of a work order record. The new subtab is automatically enabled when the **WIP** box is checked in a work order form. For more information, read the help topic [Providing Additional Work Instructions in Work Order](#).

Update in Traveler Report

The Work Instructions and Traveler report now includes information such as process notes and any additional work instructions of the specific work order.

Update in Filter By Section

The **Filter by** section on the Generate Traveler page now collapses automatically to display the filtered work orders in the center of the page.

Work Instructions and Traveler SuiteApp Now Available

The Work Instructions and Traveler SuiteApp enables you to generate traveler reports of required work orders. Using these reports, the shop floor personnel can perform day-to-day assembly operations. A traveler report outlines information such as required components, work order details, and work instructions to perform each step in the operation. This report is intended to travel from one work center to another for each operation in the work order until the work order is complete.

The SuiteApp includes the following:

- A traveler report that uses a default template to generate the report for the shop floor personnel. You can also create your own custom template.
- The **Traveler Preferences** page to generate the traveler report in the desired template format and desired directory location within the file cabinet.
- The **Work Instructions** subtab in a manufacturing routing record, where you can define instructions in text format, is associated to every operation within routing in a sequential manner.

In the **URL** column, you can associate a single URL to each of the operation steps.

Using the **Print Image** box, you can also print the images associated to the URL in the traveler report.

The Work Instructions and

Traveler SuiteApp will enable you to view the work instructions and images in the Manufacturing Mobile SuiteApp. This feature will be available in NetSuite 2024.1 release.

- The **Generate Traveler** page to filter the required work orders defined for a location that need to be included in the report and print the report.
- A **Print Traveler** button in the work order transaction so that you can print instructions related to the work order.
- Support for CSV import and export of instructions from Advanced Manufacturing SuiteApp to Work Instructions and Traveler SuiteApp. This feature can help Advanced Manufacturing users retain the existing work instructions for corresponding routing associated to an assembly item.

For more information, read the help topic [Work Instructions and Traveler](#).

Order Management SuiteApps

This release note was updated [January 15, 2024](#).

Following are the 2023.2 order management enhancements to SuiteApps:

- [Electronic Bank Payments Enhancements](#)
- [Electronic Invoicing Enhancements](#)
- [NetSuite Pay Now Available](#)
- [Ship Central Enhancements](#)

Electronic Bank Payments Enhancements

NetSuite 2023.2 includes the following enhancements for Electronic Bank Payments SuiteApp:

- [Auto Process Queued PFA Script Extends Support to Post PFA Processes](#)
- [Custom Plug-in Implementation for Invoice Payment Processing](#)
- [Enhancement to Entity Bank Records Display in Edit and View Modes](#)
- [Process Customer Refunds Using Primary and Secondary Banks](#)

Auto Process Queued PFA Script Extends Support to Post PFA Processes

In Electronic Bank Payments version 2023.2, the Auto Process Payment File Administration (PFA) Stuck in Queue feature extends support to post PFA processes.

You can use the **Auto Process Queued PFA** script to perform the following actions for the additional **Processing Reversals** and **Processing Notifications** statuses. You can select these statuses from the **File Processed?** list on the Payment File Administration page.

- Change the status of the stuck PFA to Failed
- Trigger the next available PFA in the queue automatically

For more information of Auto Process Queued PFAs, [Auto Process Payment File Administration \(PFA\) Stuck in Queue](#)

Custom Plug-in Implementation for Invoice Payment Processing

As of 2023.2, you can create custom invoice payment processing Suitelets using the **EP API Plug-in SS2 - customscript_17239_ep_api_plugin** custom plug-in implementation.

Enhancement to Entity Bank Records Display in Edit and View Modes

Starting 2023.2, the entity Bank Detail page display will be same in both edit and view modes. The Bank Detail page will display the fields based on the payment format you select from the **Payment File Format** list.

Process Customer Refunds Using Primary and Secondary Banks

You can now process customer refund transactions on the Customer Refund Payments page by using both primary and secondary entity banks. Go to Payments > Global Payments > Customer Refund Payments to process customer refund transactions.

Electronic Invoicing Enhancements

Electronic Invoicing SuiteApp includes enhancements for the following versions:

- [Electronic Invoicing SuiteApp Version 9.04.0](#)
- [Electronic Invoicing SuiteApp Version 9.04.1](#)
- [Electronic Invoicing SuiteApp Version 9.05.0](#)

Electronic Invoicing SuiteApp Version 9.04.0

Electronic Invoicing SuiteApp version 9.04.0 includes the following enhancements:

- [Setting Failure Status on E-Document Generation](#)
- [Electronic Invoicing Preferences Updates](#)
- [Vendor Credit Inbound Support](#)
- [Performance Improvements in Transaction's Edit and View Functionality](#)
- [Changes in QR Code and QR String Transaction Body Field IDs](#)
- [SuiteScript 2.1 Migration](#)

Setting Failure Status on E-Document Generation

Electronic Invoicing now enables you to set the e-document status to **Generation Failed** through a custom data source plug-in type. For more information, see the help topic [Setting E-Document Status to Generation Failed Through Custom Data Source](#).

Electronic Invoicing Preferences Updates

The Electronic Invoicing preference fields on the Subsidiary and Company Information page are relocated to the Electronic Invoicing Preferences page. The Automation Type preference is also moved to the Electronic Invoicing Preferences page. This update avoids duplicate uses of shared core records such as those on the Subsidiary and Company Information page. You can now set and manage account-level and subsidiary specific EI preferences in one place. For more information, see the help topic [Electronic Invoicing Preferences](#).

The following table contains details of the migrated Electronic Invoicing preferences:

| Electronic Invoicing Preference | Existing Record Type | New Record Type |
|---|---|---|
| | Subsidiary and Company Information Existing ID | E-Document Subsidiary Preferences New ID |
| E-Document Email Customization Template | custrecord_psg_ei_email_custom | custrecord_psg_ei_sub_email_custom |

| Electronic Invoicing Preference | Existing Record Type | New Record Type |
|---------------------------------------|---|---|
| | Subsidiary and Company Information Existing ID | E-Document Subsidiary Preferences New ID |
| E-Document Sender | custrecord_psg_ei_sender | custrecord_psg_ei_sub_sender |
| Recipient of E-Document Notifications | custrecord_psg_ei_notif_recipient | custrecord_psg_ei_sub_notif_recipient |
| Advanced PDF/HTML Template | custrecord_advanced_pdf_template | custrecord_psg_ei_sub_advanced_pdf |
| E-Document Country for Free Use | custrecord_psg_ei_license_free_country | custrecord_psg_ei_sub_edoc_free_country |

Note that you must not use the above field ID references in any customization. You should not reference these field IDs in your scripts.

Vendor Credit Inbound Support

Electronic Invoicing now supports vendor credit transactions as an inbound transaction type also. In all accounts, you can also create an inbound e-document with transaction type Bill Credit manually. This can be done using REST web services, or through an email capture plug-in.

You can also process a vendor issued PEPPOL credit memo into an inbound NetSuite vendor credit. To help with the conversion, you can use a sample vendor credit inbound e-document template and a custom data source plug-in. For more information, see the help topic [Vendor Credit](#).

Performance Improvements in Transaction's Edit and View Functionality

The SuiteApp's performance is now optimized for viewing (for non-administrator users) and editing transactions.

Changes in QR Code and QR String Transaction Body Field IDs

The field IDs for the transaction body fields QR code and QR string are now updated. Additionally, the field type of QR string is changed from free-form text to long text for better readability and usability.

SuiteScript 2.1 Migration

SuiteScripts that are independent of custom electronic invoicing plug-ins for Electronic Invoicing SuiteApp are now upgraded from SuiteScript version 2.0 to version 2.1. The updated version supports ECMAScript 2019 and runs on a newer runtime engine. This update significantly improves the performance of the scripts without impacting their workflow.

Electronic Invoicing SuiteApp Version 9.04.1

Electronic Invoicing SuiteApp version 9.04.1 includes the following enhancements:

- [Multi-language Support for Features](#)
- [Change in Generated PDF Naming Format](#)
- [Change in Default E-Document Package](#)

- [E-Document Network Status for Transfer Order](#)
- [Issue Fix for MR Script Deployment Schedule](#)

Multi-language Support for Features

The following features are now supported by the Multi-Language feature:

- Electronic invoicing preferences
- E-Document generation can set failure with custom data source plug-in
- Vendor credit inbound support

Change in Generated PDF Naming Format

The name format for generated PDFs is now standardized even when the **Advanced PDF/HTML Template** field is set at subsidiary level.

Change in Default E-Document Package

When making a copy of the default e-document package, you must assign a unique name to the copy. Creating duplicates of the default e-document package is not allowed.

E-Document Network Status for Transfer Order

You can now check the network status of e-documents for transfer order during the certification stage or send stage of the e-document. You can check manually and automatically.

Issue Fix for MR Script Deployment Schedule

The MR script deployment schedule is getting reset with this SuiteApp update.

Electronic Invoicing SuiteApp Version 9.05.0

Electronic Invoicing SuiteApp version 9.05.0 includes the following enhancements:

- [Cancel Status for E-Documents in Outbound Transactions with Certification Plug-in](#)
- [PEPPOL Template Support for SuiteTax](#)
- [PEPPOL ID Lookup](#)
- [Bypassing PO# Validation when Converting an Inbound E-Document into a Vendor Bill](#)
- [Improved Outbound Template with JSON FreeMarker Validation](#)
- [Network MR Enhancement](#)
- [Sending Email to Administrators for Accounts with more than 10 Administrators](#)

Cancel Status for E-Documents in Outbound Transactions with Certification Plug-in

Electronic Invoicing now supports canceled e-document status in the e-document certification process. Canceled status can be set through certification sending plug-in or insertAuditTrail sharedmodule API.

Once a transaction is set to **Canceled** e-document status, the status will not automatically reset to **For Generation** status even if you modify the transaction record.

PEPPOL Template Support for SuiteTax

You can now use PEPPOL generic templates for custom transaction of sales and purchase (outbound). These templates are supported with custom data source plug-in implementations to populate all the required values. You can use the template contents and the custom data source plug-in implementations to set up e-document template records. These records can then be used for outbound e-document generation. For more information, see the help topic [PEPPOL Templates for SuiteTax](#).

PEPPOL ID Lookup

Electronic Invoicing SuiteApp now has the PEPPOL ID field in customer records, vendor records, and the subsidiary preference records on the Electronic Invoicing Preferences page. This field is used by the entities registered on the PEPPOL network. You can set the PEPPOL ID field on the subsidiary preference record on the Electronic Invoicing Preferences page for subsidiaries, and for customer and vendor records in the **E-Document** subtab. For more information, see the help topic [PEPPOL ID](#).

Bypassing PO# Validation when Converting an Inbound E-Document into a Vendor Bill

Electronic Invoicing 9.05.0 now supports bypassing the PO# validation when converting an inbound e-document into a vendor bill inbound transaction. If the **Field Mapping for Inbound E-Documents** field contains mapping for a purchase order number and the inbound XML contains a purchase order number which is not found in the account, you can create a standalone vendor bill without mapping it to any purchase order for any vendor.

This feature can be configured from subsidiary preferences records for the subsidiary of the vendor. You can bypass the PO# validation by selecting **Yes** from the **Bypass PO# Validation in Inbound Conversion** field. By default, the value of this field is set to **No**.

For more information, see the help topic [Bypassing Purchase Order Number](#).

Improved Outbound Template with JSON FreeMarker Validation

Validation on saving the outbound e-document template shows a warning popup if the JSON FreeMarker template content is malformed or has complex FreeMarker directives. It can be evaluated at runtime (generation). You can click **OK** to save the template or click **Cancel** to make further changes.

Network MR Enhancement

The default filtering for the **Automatic Get Network Status MR** script is updated to include transactions with **Network Status Updated On** value. The script execution occurs the day before the current date instead of the transaction date.

For more information, see the help topic [Scheduled Script for Getting Network Status of E-Documents](#).

Sending Email to Administrators for Accounts with more than 10 Administrators

The Electronic Invoicing SuiteApp now supports sending email messages on MR script execution and inbound web service error to more than 10 administrators when the **Recipient of E-document Notifications** field is blank. The email messages are sent in batches of 10 active administrators at a time.

NetSuite Pay Now Available

NetSuite Pay SuiteApp version 1.0.0 is now available for installation as a managed SuiteApp. Before installing the SuiteApp, it must be provisioned by your NetSuite account manager.

NetSuite Pay is an integrated payment processing solution designed specifically for businesses that use NetSuite. Accept credit card payments online, over the phone, at the point of sale, or through another digital payment method, all with PCI-compliant data security. NetSuite maintains a complete record of the full transaction lifecycle, giving you a 360-degree view of your customer transaction history and detailed audit tracking while maintaining the security of payment card data.

For more information, see the help topic [NetSuite Pay](#).


Ship Central Enhancements

NetSuite 2023.2 includes the following enhancements for Ship Central:

- [Support for International Shipping](#)
- [Support for Third Party Billing](#)
- [New Labels and Shipping Preferences](#)
- [Shipping Orders Packed Through the NetSuite UI or WMS](#)
- [Update to Weight Calculation](#)

Support for International Shipping

You can now process packed orders for international shipping through the mobile app. To support this capability, Ship Central provides these additional preferences that you can set in your NetSuite account:

 **Note:** International shipping applies only to items that have manufacturer details on the item record. It also requires tax information and other details.

To set up and view the requirements, see the help topic [Ship Central Preferences](#).

- **Enable International Shipping** – If you set up **International Shipping**, you can set this preference to enable it on the app. Ship to international locations, then print labels and related documents such as the Certificate of Origin.
- **Shipment Contents** – Identify or classify the contents for all international shipments.
- **Non-delivery Instructions** – Specify whether you want non-delivered international shipments to always be returned to the sender or treated as abandoned. These instructions appear on shipping labels.
- **Charge Tax To** – Choose whether the **Shipper** or **Recipient** handles the related taxes, fees, and duties on all international shipments. Also provides the facility to set up tax identifiers.
- **Enable USPS Canada Delivered Duty Paid** – Always apply delivered duty paid (DDP) shipping to orders shipped to Canada through USPS.

Support for Third Party Billing

If carriers support third party billing for your services, you can set the **Enable Third Party Billing** preference for the app. You must add third-party billing accounts to which you want to charge shipping costs for your customers' orders.

For more information, see the help topic [Ship Central Preferences](#).

New Labels and Shipping Preferences

Depending on your shipping requirements and services, you can set the following shipping preferences:

- **Enable Return Labels** – Print a return label using the address details for your organization, after you process a shipment. You can void return labels.
- **Shipment Reference #2 and #3** – Select up to two additional shipment references that appear on printed shipping labels, which may depend on your carrier.
- The carton ID or number is preconfigured as the first reference on shipping labels.
- **Print Default Logo** – When you upload a default logo to your ShipEngine account, you can sync your NetSuite account to obtain its path. You can set this preference if you want to print the default logo on shipping labels.
- **Address Validation** – Specify whether you want to fully validate the address or not on the app. If you choose not to fully validate shipping addresses, you can continue shipping even if an address cannot be found from the carrier's directory. It does not disable basic validation done by a carrier for the country, city, and postal code.

You can activate the **Print brand name** rule to provide a brand name and print it on shipping labels. The brand name appears on the label instead of the sender's name obtained from the location record.

For more information, see the help topic [Ship Central Preferences](#).

Shipping Orders Packed Through the NetSuite UI or WMS

Previously, you can only ship orders that you pack using the Ship Central mobile app. Now, you can also ship orders that you pack directly through the NetSuite UI or WMS. Orders packed through the app cannot be processed for shipping together with those packed through these other options. For more information, see the help topic [Ship Central Shipping](#).

Update to Weight Calculation

You can activate the **Calculate default carton weight** rule to include the tare and item weights in the overall weight of a shipment. You can provide the tare weight of a carton or pallet on the mobile app. On item records, you can enter the weight of an item. The app calculates the pallet weight based on the weight of all the cartons you transfer to it and its tare weight.

If you use the **Enable Weighing Scale Support** capability, Ship Central applies the carton weight from your scale instead of the calculated weight. It also displays the variance from the calculated weight.

For more information, see the help topic [Configuring Ship Central Rules](#) or [Ship Central Packing](#).

Projects SuiteApps

Following are the 2023.2 projects enhancements to SuiteApps:

- [Project 360 Dashboard Enhancements](#)
- [Updated Maximum Load for Projects with Charges and Invoices](#)

Project 360 Dashboard Enhancements

The Project 360 Dashboard contains the following enhancements:

- **Project 360 Access Level** – Administrators can now assign and manage access within the Project 360 Dashboard according to roles. Access levels determine the projects you can access and view depending on your role.
To assign an access level to an employee, an Administrator must open the employee record, go to the **Human Resources** subtab, and select from the following:
 - Assigned to me
 - My Department
 - My Department Hierarchy
 - My Subordinates
 - All Projects
- **Project 360 Dashboard Preference Page**- This page contains all the focus pages that can appear on your Project 360 Dashboard. By default, the boxes for all the focus pages are checked on the preference. Administrators can change the selection of the focus pages that appear on your Project 360 Dashboard.
Additionally, the Project 360 Dashboard SuiteApp requires only one **Project 360 Dashboard Preference** record for an account.
To set the preference, an Administrator can go to List > Relationship > Project 360 Dashboard Preference, and select from the following:
 - Project Overview
 - Resource Planning
 - Budget and EAC
 - Billing and Revenue
 - Financial
- **Filters in the My Project Portfolio Portlet**- The SuiteApp now provides filters you can use to customize projects that appear on the dashboard. The following filters are located right below the name of the Project Portfolio portlet:
 - Project
 - Client
 - Project Manager
 - Project End Date
- **Updates to the Project ID Link**- When you click the **Project ID** in the Project Information portlet, the link now opens the Project Overview page of that project. Previously, the Projects ID link opens the project record related to the **Project ID**. Note that if the Project Overview box is cleared on the Project 360 Dashboard Preference page, the link opens the next available focus page on the dashboard.

For more information, see the help topic [Project 360 Dashboard](#).

Updated Maximum Load for Projects with Charges and Invoices

In Project 360 Dashboard version 1.1.1, the system can now load up to 6000 projects that include charge and invoice values. The retrieved values appear under the **Unbilled Charges** and **Charges not Invoiced**

columns in the My Project Portfolio portlet. You can view the same values in the Billing and Revenue, and Financial portlets.

For more information, see the help topic [Project 360 Dashboard](#).

SuiteAnalytics SuiteApps

This release note was updated [October 16, 2023](#).

Following are the 2023.2 SuiteAnalytics enhancements to SuiteApps:

- [Dashboard Tiles Enhancement](#)
- [Advanced SaaS Metrics Now Available](#)

Dashboard Tiles Enhancement

The Dashboard Tiles SuiteApp version 1.09 now includes the option to apply flexible layout in the tiles. When you check the **Apply Flex Layout** box in the Appearance subtab, the texts in the tiles are automatically adjusted for optimal space usage.

The following image shows an example. The tile on the right uses the flexible layout option while the tile on the left does not.

| | |
|---|---|
| <p>Cash Earnings for October ...</p> <p>Earnings - Cash Sale Current ...</p> | <p>Cash Earnings for September 2023</p> <p>12,872,082.50</p> <p>Earnings - Cash Sale Previous Month</p> |
|---|---|

For more information, see the help topic [Modifying the Appearance of a Dashboard Tile](#).

Advanced SaaS Metrics Now Available

Advanced SaaS Metrics SuiteApp lets you inspect and analyze recurring revenue for contract-based and software as a service (SaaS) business setups. The SuiteApp creates contract transaction records from sales orders, invoices, or CSV imports and then processes them for viewing as metrics on the dashboard.

You can do the following from the SaaS Metrics dashboard:

- View tiles for your company's key performance indicators (KPIs) such as monthly recurring revenue (MRR), annual recurring revenue (ARR), total customers, new customers, churn rate, and renewal rate. From the tiles, you can also view comparisons for this month versus the previous month for each of these KPIs.
- View annual recurring revenue amounts per month.
- View a 12-month rolling forecast to gauge the annual or monthly run rate of recurring revenue from existing customers.
- View detailed ARR and MRR information for each new, downsell, renewal, upsell, or churn amounts.
- View a graph or table that lets you compare the new and churn customer count per month.
- View a report showing the customer count per month.

- View metrics and reports for a single subsidiary.
- View metrics and reports for consolidated subsidiaries.

Advanced SaaS Metrics has the following features:

- Use of sales orders and invoices as the primary source record for the dashboard. You can also select secondary source records for information that may not be available in sales orders or invoices.
- Ability to import contract transaction records through CSV.
- Capability to establish contract relationship manually through a custom field or by letting the SuiteApp automatically predict related contracts.
- Process and include RMA (return authorization merchandise) records in the dashboard calculations for sales orders, invoices, and CSV imported records.

Advanced SaaS Metrics is available in the SuiteApp Marketplace. For installation instructions, see the help topic [Installing Advanced SaaS Metrics](#).

For more information about the SuiteApp, see the help topic [Advanced SaaS Metrics](#).

SuitePeople SuiteApps

This release note was updated [December 11, 2023](#).

Following are the 2023.2 SuitePeople enhancements to SuiteApps:

Affordable Care Act (ACA) Reporting SuiteApp Help Videos

Added help videos to the following topics:

- [Setting up the ACA Reporting SuiteApp](#)
- [ACA Pre-Filing](#)
- [ACA Filing](#)

Taxation SuiteApps

This release note was updated [January 15, 2024](#).

Following are the 2023.2 taxation enhancements to SuiteApps:

- SuiteTax SuiteApps
 - [Automated Calculation of Consumer's Use Tax for SuiteTax Engine](#)
 - [Tax Reporting Framework Enhancements](#)
 - [Manual Submission and Multiple Nexuses Support](#)
- Legacy Tax SuiteApps
 - [End of Support for Germany GoBD in Tax Audit Files](#)
 - [International Tax Reports Enhancements](#)
 - [Denmark VAT Report 2023 Update](#)

- [Luxembourg VAT Report 2023 Update](#)
- [Non-VAT Header Support for Philippine VAT Reports](#)
- [Singapore GST F5 Return Enhancement](#)
- [Germany Monthly and Quarterly VAT Report 2023 Update](#)
- [Philippines VAT RELIEF Reports Update](#)
- [International Tax Reports Issue Fixes](#)
 - [International Tax Reports 3.127.1 Issue Fixes](#)
 - [International Tax Reports 3.127.0 Issue Fixes](#)
 - [International Tax Reports 3.126.0 Issue Fixes](#)

SuiteTax SuiteApps

Automated Calculation of Consumer's Use Tax for SuiteTax Engine

The SuiteTax Engine version 2.00.42 introduces automated calculation of consumer's use tax.

You can now calculate the consumer's use tax on purchase transactions automatically. This is beneficial especially when sales tax (or seller's use tax) was not charged for various reasons and the sale is not subject to exemption.

This functionality can be enabled by checking the **Calculate Use Tax Automatically** box. The box is displayed on all taxable purchase transactions with a US nexus. Your selected US nexus must have the SuiteTax Engine assigned to the transaction subsidiary per transaction date. Every role with an **Edit** or **Create** permission for purchase transactions can check this box.

If you want to calculate the consumer's use tax automatically, check the **Calculate Use Tax Automatically** box on the respective purchase transaction. You can find the box under the Tax Details subtab.

For more information, see help topics [U.S. Consumer's Use Tax](#) and [United States Tax Code Lookup for Purchases](#).

Tax Reporting Framework Enhancements

The Tax Reporting FrameworkSuiteApp includes the following enhancement in 2023.2:

- [Manual Submission and Multiple Nexuses Support](#)

Manual Submission and Multiple Nexuses Support

Tax Reporting FrameworkSuiteApp 1.21.0 adds support for the following features:

- **Multiple Nexuses** – This enhancement enables localization teams to implement reports in accounts with SuiteTax that include transactions listed under multiple different nexuses.
- **Manual Submission** – This enhancement enables localization teams to add a **Submit Manually** button to VAT reports, which lets you set the report as manually submitted. Clicking the button changes the status of the report on the Country Tax Reports page to **Manually Submitted**. You can use this feature when you submit VAT reports to tax authorities outside of NetSuite.

For more information, see the help topic [Electronic Tax Filing in Tax Reporting Framework](#).

Legacy Tax SuiteApps

End of Support for Germany GoBD in Tax Audit Files

As of Tax Audit Files SuiteApp version 1.87.0, generating the Germany GoBD Data Extract (GoBD) will no longer be supported. You will not receive additional fixes or updates after the end of support.

To continue generating the Germany GoBD, you must install the Germany Localization SuiteApp. For more information, see the help topic [Installing the Germany Localization SuiteApp](#).

International Tax Reports Enhancements

The International Tax Reports SuiteApp includes the following enhancements in 2023.2:

- [Denmark VAT Report 2023 Update](#)
- [Luxembourg VAT Report 2023 Update](#)
- [Non-VAT Header Support for Philippine VAT Reports](#)
- [Singapore GST F5 Return Enhancement](#)
- [Germany Monthly and Quarterly VAT Report 2023 Update](#)
- [Philippines VAT RELIEF Reports Update](#)

Denmark VAT Report 2023 Update

In version 3.127.0 of International Tax Reports SuiteApp, the VAT report for Denmark includes the following updates to its layout:

- The **Output VAT (VAT Payable)** and **Input VAT (VAT deductible)** fields are now located under the Danish output and input VAT heading.
- Previously, all fields related to trade with other countries are located under supplemental information. In the latest version, the fields are now available under the heading International Trade.
- All fields previously located under deductions for energy taxes are now available under the Energy Taxes heading.
- For better visibility of the field, the **Total VAT (positive amount = payable, negative amount = receivable)** is now shown in bold font.

For more information, see the help topic [What goes into each box – Denmark VAT Report](#).

Luxembourg VAT Report 2023 Update

The International Tax Reports SuiteApp version 3.127.0 now includes the 2023 version of the Luxembourg VAT report. The VAT report contains the following new boxes for reporting tax codes with the reduced rates of 16%, 13%, and 7%:

| Boxes | Description |
|------------|--|
| 901 to 906 | Breakdown of taxable turnover |
| 911 to 916 | Intra-Community acquisitions of goods |
| 921 to 926 | Importation of goods for business purposes |
| 931 to 936 | Importation of goods for non-business purposes |
| 941 to 946 | Not exempt supply of services within the territory |

| Boxes | Description |
|------------|---|
| 951 to 956 | Supply of services provided to the declaring person by suppliers not established or residing within the community |
| 961 to 962 | Supply of services provided to the declaring person by suppliers established within the territory |
| 963 to 964 | Supply of goods for which the purchaser is liable for the payment of VAT |

Additionally, the following boxes are new in the 2023 VAT report for Luxembourg:

| Box | Description |
|-----|--|
| 471 | Telecommunications services, radio and television broadcasting services, as well as electronically supplied services |
| 472 | Other sales/receipts |
| 719 | Intra-Community acquisitions of manufactured tobacco whose VAT is collected at the exit of the tax warehouse together with excise duties |
| 729 | Importation of manufactured tobacco whose VAT is collected at the exit of the tax warehouse together with excise duties |

In addition to the new boxes, the 2023 VAT report now supports the reporting of export and import of services for the following new tax codes:

| Tax Codes | Boxes | Rate and Description |
|-------------|---------|--|
| OS-LU | 019 | Exemptions and deductible amounts from transactions carried out abroad other than supplies referred to in (6)(a) and (6)(b) |
| IS-LU | 751-752 | Supply of services provided to the declaring person by suppliers not established or residing within the community rate of 17% |
| IS-LU-16 | 951-952 | 16% |
| ISINT-LU | 753-754 | 14% |
| ISINT-LU-13 | 953-954 | 13% |
| ISR-LU | 755-756 | 8% |
| ISR-LU-7 | 955-956 | 7% |
| ISR3-LU | 441-442 | 3% |

To report your transactions to the new boxes, the SuiteApp automatically provisions these tax codes to newly created Luxembourg subsidiary or nexus. For more information, see [Luxembourg Tax Code Updates for 2023](#), SuiteAnswers ID 1013555.



Important: For accounts with existing Luxembourg nexus, you must manually create the tax codes. For more information, see [Luxembourg Tax Code Updates for 2023](#).

The Luxembourg VAT report also includes the following enhancements to box 403 to report transactions with tax rates other than 17%, 16%, 14%, 13%, 8%, 7%, and 3%.

- A tooltip is added beside box number 403 to notify you about your total taxable amount from other tax rates.

- A detailed report of all transactions with other tax rates appears when you click box number 403.

For more information, see the help topics [Tax Code Table for Luxembourg](#) and [What goes into each box - Luxembourg VAT report](#).

Non-VAT Header Support for Philippine VAT Reports

The Tax Filing Setup for Philippines now includes a VAT Registered box. You can check this box to display the VAT REG TIN header on Summary Listing of Sales (SLS) and Summary Listing of Purchases (SLP) reports. If the box is clear, a NON-VAT REG TIN header is displayed.

For more information, see the help topic [VAT Reports - Philippines](#).

Singapore GST F5 Return Enhancement

Previously, Singapore GST F5 Return only reports transactions with 8% tax rates. In version 3.127.0 of International Tax Reports SuiteApp, the report now supports 7% tax rates and the incoming 9% tax rates for 2024.

Germany Monthly and Quarterly VAT Report 2023 Update

Starting January 2023, Germany includes two new boxes for reporting taxable supplies and intracommunity acquisitions at 0% tax rate on the Preliminary VAT Return. To report transactions to these boxes, International Tax Reports version 3.126.0 automatically provisions the following tax codes to every newly created Germany subsidiary or nexus:

| Tax Code | Tax Code Description | Properties | Box | Box Description |
|----------|---|---|-----|---|
| ZR-DE | <ul style="list-style-type: none"> ■ English description: Zero rate ■ German description: Nullsatz | <ul style="list-style-type: none"> ■ Effective from: January 1, 2023 ■ Rate: 0% ■ Available on: Both | 87 | Taxable transactions at the rate of 0% |
| EZR-DE | <ul style="list-style-type: none"> ■ English description: EU purchases - zero rate ■ German description: EU-Einkäufe - Nullsatz | <ul style="list-style-type: none"> ■ Effective from: January 1, 2023 ■ Rate: 0% ■ Notional Rate: ZR-DE ■ EC Code: Enabled ■ Available on: Both | 90 | Intracommunity acquisitions at the rate of 0% |



Important: For accounts with existing Germany nexus, you must manually create the tax codes and edit the existing 0% tax codes that are mapped to boxes 48 and 91. For more information, see [Germany Tax Code for Zero Percent Rate](#).

On the Tax Reports (International) page, the Germany (English) 2023 and Germany (Deutsch) 2023 forms are now available in the Country Form list when you select a tax period starting January 2023.

For more information, see the help topics [Tax Code Table for Germany](#) and [What goes into each box - Germany Monthly/Quarterly VAT report](#).

Philippines VAT RELIEF Reports Update

International Tax Reports version 3.126.0 includes an update to the quarterly Summary List of Sales (SLS) and quarterly Summary List of Purchases (SLP). When you generate a CSV or PDF file, the following information appears in the footnote:

- Username and user ID of the person who generated the report
- Date and time of the report generation
- Software used to generate the report

The SLS and SLP now also display the first nine digits of the business tax registration number followed by three zeroes.

For more information, see the help topic [VAT RELIEF Reports](#).

International Tax Reports Issue Fixes

The International Tax Reports SuiteApp includes the following issue fixes in 2023.2:

- [International Tax Reports 3.127.1 Issue Fixes](#)
- [International Tax Reports 3.127.0 Issue Fixes](#)
- [International Tax Reports 3.126.0 Issue Fixes](#)

International Tax Reports 3.127.1 Issue Fixes

In the latest version of the SuiteApp, the Singapore GST F5 Return report no longer displays the error message, Cannot read property "CountryCode". You can now successfully view the report using periods starting 2024.

Previously, the error appears when the Tax Period and To fields are set to any date within 2024.

International Tax Reports 3.127.0 Issue Fixes

International Tax Reports SuiteApp version 3.127.0 includes the following fixes:

- **Belgium EU Sales List Report XML File:**
 - Previously, the ClientNbr tag on the XML file counts the number of customers with unique VAT numbers. Now the tag is optimized to consider the code (S, L, or T) in counting the number of customers in the list.
A single customer with different codes is now counted as multiple customers and it is reflected in the ClientNbr tag.
 - The XML version of the EU Sales List no longer shows the representative line when the report is generated internally.
- **France VAT Report** – The ESSP tax code is added to box 0702 of France VAT Report.
For more information, see the help topic [What goes into each box – France VAT report](#).
- **Germany Intrastat Dispatch Report** – The Statistical Value column on the Germany Intrastat Dispatch report is now enhanced to automatically retrieve the total sum of all statistical values from consolidated transactions.
- **Intrastat Dispatch Report** – The Partner ID column on the Intrastat Dispatch report now reflects the EL and GB tax registration numbers inherited from customer records. The Partner ID column no longer displays code 999999999999.

International Tax Reports 3.126.0 Issue Fixes

International Tax Reports SuiteApp version 3.126.0 includes the following fixes:

- **Drilldown Report** – Previously, the Gross Total value displays as 0.00 in the Detailed VAT report even when available transactions were listed. After the fix, the Gross Total now displays the total gross amount of all the listed transactions on the drilldown report.
- **Decimal Comma Number Format** – In the VAT reports for all countries, the comma (,) is now recognized as a decimal separator when the selected number format on the VAT report is 1.000.000,00 or 1 000 000,00.

- **Export to XML** – This is related to the decimal comma number format and is applied to VAT reports only.

Previously, when exporting a VAT report to XML, the amounts are truncated if the selected number format is 1.000.000,00 or 1 000 000,00.

In the latest version of the SuiteApp, the exported XML for countries such as Belgium, Germany, Spain, and Sweden now displays the correct amount when the selected number format is a decimal comma.

- **Germany Annual VAT Report** – The tax code mapping in the Germany Annual VAT report now matches the tax code mapping of the monthly/quarterly VAT report.

The following table describes the changes to the Germany Annual VAT report:

| Tax Code | Tax Code Description | Removed From | Moved or Added to |
|----------|--|------------------------------------|--|
| Z-DE | Tax-free sales without input tax deduction | Box 155 – Sales at other tax rates | Box 287 – Tax-free sales without input tax deduction under § 4 no. __ UStG |
| | | Box 156 – Sales at other tax rates | |
| ZX-DE | International exports (third country) | Box 155 – Sales at other tax rates | Line 67 – Export supplies and contract finishing on export goods (§ 4 no. 1 subpara. a UStG) |
| | | Box 156 – Sales at other tax rates | |

The fix also includes updates to the following tax codes for each box:

| Box | Updates to the formula |
|------|---|
| 155 | The box now includes SR-DE tax code. |
| 156 | |
| 798 | The box now includes ESR-DE tax code. |
| 799 | |
| 177 | The box now includes EST-DE tax code. |
| 177b | |
| 275 | The box now includes ERT-DE tax code. |
| 275b | |
| 741 | The box now includes IS-DE and IS1-DE tax codes. |
| 791 | The box now includes EZ-DE tax code. |
| 877 | The box now includes IS-DE and IS1-DE tax codes. |
| 878 | |
| 467 | <p>The box now reports notional amount of purchases of the following tax codes by default:</p> <ul style="list-style-type: none"> □ ESSP-DE □ ESSP1-DE □ IS-DE |

| Box | Updates to the formula |
|-----|---|
| | <ul style="list-style-type: none"> □ IS1-DE □ RC-DE □ RC1-DE □ S1-DE □ SS1-DE <p>The box is still an editable field.</p> |
| 205 | <p>The box now reports net amount of sales of OS-DE by default.</p> <p>The box is still an editable field.</p> |
| 209 | <p>The box now reports net amount of sales of the following tax codes by default:</p> <ul style="list-style-type: none"> □ S1-DE □ RC-DE □ SS1-DE □ RC1-DE <p>The box is still an editable field.</p> |
| 721 | <p>The box now reports net amount of sales of the following tax codes by default:</p> <ul style="list-style-type: none"> □ ESSS-DE □ ESSS1-DE <p>The box is still an editable field.</p> |

| Line | Updates to the line formula |
|------|--|
| 68 | <p>The box now reports net amount of sales of E-DE tax code by default.</p> <p>The box is still an editable field.</p> |

For more information about the Germany Annual VAT report, see the help topic [What goes into each box – Germany Annual VAT Declaration](#).

- **Mode of Transport** – The system now displays the mode of transport records with the same name and code as one entry in the Mode of Transport field on the transaction record.
- **VIES VAT Validation** – The VIES VAT Validation link is now available to vendor and customer records with addresses located in the European Union (EU).

Vendors, Purchasing, and Receiving SuiteApps

This release note was updated [September 25, 2023](#).

Following are the 2023.2 vendors, purchasing, and receiving enhancements to SuiteApps:

- [Email Enhancements for Transaction Email Capture](#)
- [Vendor Bill Sender Permission for Transaction Email Capture](#)

Email Enhancements for Transaction Email Capture

The Transaction Email Capture SuiteApp, which enables the email capability for Bill Capture feature, includes the following enhancements:

- **Increase in File Size Limit** – Previously, the vendor bill file attachment limit is 5 megabytes (MB). In the latest version, email senders can now attach files up to 8 MB in size.

For more information, see the help topic [Sending Vendor Bills to NetSuite](#).

- **Send Emails When File Attachments are Missing Preference** – On the General Preferences page, under Custom Preferences subtab, a new checkbox labeled as **Send Emails When File Attachments are Missing** is added. This preference is not enabled by default.

Checking the **Send Emails When File Attachments are Missing** box enables the system to notify vendors or employees when email has no file attachment.

When this preference is enabled, NetSuite sends a missing vendor bill file attachment email notification to the email sender. If the box is clear, no email notification is sent.

For more information, see the help topics [Setting Up Transaction Email Capture Preferences](#) and [Transaction Email Capture Error Messages](#).

Vendor Bill Sender Permission for Transaction Email Capture

Previously, only users with the Administrator role can access the Transaction Email Capture subtab in the vendor record to add multiple email addresses. For more information about how to add vendor email address for Transaction Email Capture, see the help topic [Managing Vendor Email Addresses Using Transaction Email Capture](#).

In version 1.1.1 of the Transaction Email Capture SuiteApp, roles with the Vendor Bill Sender permission can now see and access the Transaction Email Capture subtab. For more information see, [Creating or Customizing Roles to Use Transaction Email Capture](#).

Wholesale Distribution SuiteApps

This release note was updated [November 20, 2023](#).

Following are the 2023.2 wholesale distribution enhancements to SuiteApps:

- [Rebates and Trade Promotions Installation Issue Fix](#)
- [Rebates and Trade Promotions Enhancements](#)
- [Support for Volume or Tiered Rebates](#)
- [Rebates and Trade Promotions Enhancements](#)

Rebates and Trade Promotions Installation Issue Fix

The Rebates and Trade Promotions SuiteApp version 2.1.1 now includes unique internal IDs for custom records. This update fixes the issue that occurs when you install Rebates and Trade Promotions SuiteApp that includes similar internal IDs used by other SuiteApps.

In addition, change logs for rebate agreements will no longer appear on the **Update History** tab after the upgrade. Those changes can be viewed as part of the version history when you click the **Rebate Agreement Detail ID** link.

For more information, see the help topic [Rebates and Trade Promotions](#).

Rebates and Trade Promotions Enhancements

The Rebates and Trade Promotions SuiteApp version 2.1.0 includes the following enhancements:

- **Updated Payer/Payee Best Deal Calculation**- Previously, you can view only one calculated best deal among multiple agreements from different payees or payers. Now, you can identify which agreement

for each payer or payee contains the highest rebate amount when you view the applicable rebates for an item.

The system groups the agreement details according to payee or payer and calculates the best deal within each group. The agreement detail with the best deal is marked as **Yes** under the **Payer/Payee Best Deal** column.

- **Updated Payer/Payee field on the Rebate Agreement Record**- When you select a payee or payer, the field now includes options to open a list and a **Search** function in addition to the dropdown list. You can use the popup List Search links to find the names from various customer or vendor entities.

Updated Payer/Payee field on the Generate Settlement Page- When you generate a settlement, the dropdown list for the **Payee** or **Payer** field now displays only the entities with open settlements. The filtered list excludes options which do not require settlements or further actions.

For more information, see the help topic [Rebates and Trade Promotions](#).

Support for Volume or Tiered Rebates

The Rebates and Trade Promotions SuiteApp version 2.0.0 supports volume or tiered rebates to provide flexibility in creating your rebate programs.

To set up rebate tiers, add an **Agreement Details** record to a rebate agreement. On the agreement details, go to the **Rebate Tiers** section and specify the accumulation tiers with corresponding rebate values.

The volume rebates feature includes additional calculation parameters. You can select one value per parameter to create a set of condition for calculating rebates on your sales transactions. The calculation parameters include the following:

- **Rebate Schemes**- This parameter lets you select the appropriate scheme for how your sales transactions earn rebates. You can select Marginal or Linear.
 - **Marginal**- The system initially calculates rebates based on the default tier achieved at the time of sales transaction. Then, it evaluates default tiers daily, reassigns the appropriate tier, and recalculates rebates based on the value associated with the appropriate tier.
 - **Linear**- The system calculates rebates based on the highest tier achieved by a sales transaction.
- **Calculation Methods**- This parameter lets you select a method for calculating rebates on sales transactions.
 - **Volume Amount**- This option lets you earn rebates after your sales transaction reaches a target monetary tier.
 - **Volume Quantity**- This option lets you earn rebates after your sales transaction reaches a target quantity tier.
- **Rebate Rate Types**- This parameter lets you select a type of rebate value used for calculating rebates.
 - **Rate per Unit**- The calculation uses the flat amount value you assign on the rebate tiers
 - **Percentage**- The calculation uses the percentage value you assign on the rebate tiers

For more information, see the help topic [Adding Agreement Details](#).

Along with additional calculation parameters are enhancements to the display and categories of applicable rebates for an item. The enhancements include the following:

- **Flexibility in Combining Rebates**- You can now combine and apply rebates from standard and tiered rebate agreements. On the **Applicable Rebates** popup window, selecting your preferred rebate deals or apply the system suggested best deal. Previously, you can view and combine rebates only for standard rebates.

- **Updated Applicable Rebates Popup Window**- Previously, the best rebate deals are shown under one column only. Now, you can view and compare the best rebate deals under two columns:
 - **Payee/Payer Best Deal**- This column shows the highest rebate amount among multiple agreements from one payee or payer
 - **Overall Best Deal**- This column shows the highest rebate amount among all the applicable agreements for an item.
 For more information, see the help topic [Best Deal on Rebates](#).

Rebates and Trade Promotions Enhancements

Rebates and Trade Promotions SuiteApp version 1.2 includes the following enhancements:

- **Rebate Calculation for Additional Item Types**- The SuiteApp now calculates rebates for the following item types:
 - Kit Items
 - Assembly Items
 - Service Items
 - Special Items
 - Non-Inventory Items
 - Dropship Items
 - Item Groups
 - Advanced Bill of Materials

Previously, rebate calculation only applies to inventory items.

- **Ability to Track Agreement Detail Versions**- When you edit an agreement detail, the system creates a new version of that record with the updated values, then saves the previous version with prior values. To view the previous versions of an Agreement Details record, go the **Agreement Details** subtab of a rebate agreement. Under the **Agreement Details ID** column, click the link of the latest version number shown on the line to open the **Version History** popup window.

Previously, you can only view the edit logs for the rebate agreement and agreement details on the **Update History** subtab of a rebate agreement. Now, you can track and review the changes specific to an Agreement Details record.

- **New Preference for Rebate Recalculation on Edited Transactions**- The SuiteApp now includes the **Always Use the Latest Version of Agreement Details for Rebate Recalculation** box under the **Custom Preferences** subtab at Setup > Company > General Preferences. When you edit a transaction that triggers rebate recalculation, the system applies rebates from the agreement detail version based on your preference.

Check this box to use the latest version of agreement details when recalculating rebates.

Clear this box to use the applicable agreement detail version on the transaction date when recalculating rebates.

For more information, see the help topic [Rebates and Trade Promotions](#).

SuiteApp Distribution

SuiteApp distribution includes SuiteBundler, SuiteApp Marketplace, and SuiteApp Control Center capabilities that you can use to distribute customizations to accounts.

NetSuite 2023.2 includes the following changes:

Bundle Support During Release Phasing

Bundle support during phasing of 2023.2 is consistent with the support provided during previous releases. During phasing of 2023.2, some accounts continue to use 2023.1 at the same time that other accounts are upgraded to 2023.2. Therefore, you may be using a different version than some of the accounts where your bundles are installed.

Review the following descriptions for a reminder of how bundles from different versions are handled during release phasing:

- Bundles developed with 2023.1 can be installed in accounts that are already using 2023.2.
- Bundles developed with 2023.2 can be installed in accounts that are still using 2023.1, but with the following limitations:
 - When a user in a 2023.1 account installs a bundle from a 2023.2 account, the bundle installation stops if there are object types in the bundle that are not supported in 2023.1.
 - A bundle with a script that uses a new API available only in 2023.2 can be installed into a 2023.1 account, but the script may not function correctly because 2023.1 does not support the API.

SuiteCloud Development Framework

SuiteCloud Development Framework (SDF) is a development framework and deployment mechanism. Customers and partners can use SDF to create customization projects for internal use within their organizations or for commercial distribution. For more information about SDF, see the help topic [SuiteCloud Development Framework Overview](#).

For a complete list of custom records and customizations that are supported by SDF, see the help topic [Customizations Supported by SuiteCloud Development Framework](#).

NetSuite 2023.2 includes the following enhancements to SDF features:

- [Enhanced Feature Dependency Support for itemcustomfield](#)

Enhanced Feature Dependency Support for itemcustomfield

This release updates enhanced feature dependency support for SuiteCloud Development Framework (SDF) to include the `itemcustomfield` SDF custom object.

With enhanced feature dependencies, your SuiteApp users can fully install your SDF SuiteApp when some of its NetSuite features are not enabled in the target account. If a person with the Administrator role later enables those features, the relevant SDF custom objects become available to the users of your SDF SuiteApp. For more information about enhanced feature dependencies, see the help topic [Enhanced Feature Dependencies for SDF Custom Objects](#).

SuiteCloud SDK

SuiteCloud Software Development Kit (SuiteCloud SDK) is a set of tools you can use to develop SuiteCloud projects. These tools are the SuiteCloud IDE plug-ins and command-line interfaces.

SuiteCloud SDK for 2023.2 includes the following features and updates:

- [2023.2 SuiteCloud Extension for Visual Studio Code Is Now Available](#)

- [2023.2 SuiteCloud CLI for Node.js Is Now Available](#)
- [2023.2 SuiteCloud IDE Plug-in for WebStorm Is Now Available](#)
- [2023.2 SuiteCloud CLI for Java Is Now Available](#)
- [Credentials File Changes for All SDK Tools](#)
- [Third-party Libraries Updates for All SDK Tools](#)

2023.2 SuiteCloud Extension for Visual Studio Code Is Now Available

SuiteCloud Extension for Visual Studio Code is now available for download. For more information, see the help topic [Installing SuiteCloud Extension for Visual Studio Code](#).

2023.2 SuiteCloud CLI for Node.js Is Now Available

SuiteCloud CLI for Node.js is now available for download. For more information, see the help topic [Installing SuiteCloud CLI for Node.js](#).

2023.2 SuiteCloud IDE Plug-in for WebStorm Is Now Available

SuiteCloud IDE plug-in for WebStorm is now available for download and fully compatible with WebStorm 2023.2. For more information, see the help topic [Update SuiteCloud IDE Plug-in for WebStorm](#).

2023.2 SuiteCloud CLI for Java Is Now Available

SuiteCloud CLI for Java is now available for download. For more information, see the help topic [Installing SuiteCloud CLI for Java](#).

Credentials File Changes for All SDK Tools

The way the SDK tools save the credentials file and interact with it has changed. Update all the tools to their latest version.

Third-party Libraries Updates for All SDK Tools

The new releases for the tools include updates for third-party libraries.

SuiteScript

This release note was updated [November 6, 2023](#).

Refer to the following sections for details on SuiteScript updates for NetSuite 2023.2:

- [2023.2 SuiteScript Records Browser](#)
- [N/crypto/random Module](#)

- [Alternative Character Encoding for Files in Suitelet Responses](#)
- [Removal of the Ext JS Library](#)

2023.2 SuiteScript Records Browser

The 2023.2 version of the [SuiteScript Records Browser](#) is now available.

You can find links to the SuiteScript Records Browser in several places, including the following:

- The help topic titled [Working with the SuiteScript Records Browser](#).
- The reference page for each supported record in the SuiteScript Records Guide. The [SuiteScript Records Guide](#) is available in the NetSuite Help Center and can be downloaded as a PDF from the [User Guides](#) topic.

N/crypto/random Module

The [N/crypto/random Module](#) provides cryptographically secure pseudorandom generator methods. This module provides the following methods:

- [random.generateBytes\(options\)](#) – Generates a cryptographically strong pseudorandom set of bytes.
- [random.generateInt\(options\)](#) – Generates a cryptographically strong pseudorandom number.
- [random.generateUUID\(\)](#) – Generates a v4 Universally Unique Identifier (UUID) using a cryptographically secure random number generator.

With these methods, you can generate a random integer using a cryptographically secure pseudorandom number generator (CSPRNG). These methods should be used over `Math.random` for any values that should not be predictable such as: key generation, unique IDs, tokens, gambling, or statistical sampling.

Alternative Character Encoding for Files in Suitelet Responses

In SuiteScript 2.x, Suitelet textual responses are encoded in UTF-8 by default. If you want to return a file with an alternative character encoding, you can use the following modules in your script:

- [N/file Module](#) – Use [file.create\(options\)](#) to set the file encoding.
- [N/https Module](#) – Use [ServerResponse.setHeader\(options\)](#) to specify the same charset value in the Content-Type header. Then, call [ServerResponse.writeFile\(options\)](#) to return the file in the response.

[ServerResponse.writeFile\(options\)](#) now preserves the file's encoding if the charset value specified in the header matches the file's encoding.

For more information, see the help topic [Return a File with Alternative Character Encoding](#).

SuiteTalk Web Services Integration

NetSuite 2023.2 includes the following enhancements to web services features:

- [Fully Supported Record Types for REST Web Services in 2023.2](#)
- [SOAP Web Services Version 2023.2](#)
- [Araxis Merge Diff File for the 2023.2 Endpoint](#)
- [2023.2 SOAP Schema Browser](#)

Fully Supported Record Types for REST Web Services in 2023.2

The following table lists the record types that are fully supported as of 2023.2.

| Record Type | Notes |
|---|---|
| Account | The record ID for an account REST record is account . Read-only sublists, including system notes, are not supported in REST. |
| Accounting Period | The record ID for an accounting period REST record is accountingperiod . You must have a parent period to set up a new quarter or a new base period. |
| Advanced Intercompany Journal Entry | The record ID for an advanced intercompany journal entry REST record is AdvIntercompanyJournalEntry . The advanced intercompany journal entry is a subrecord. |
| Billing Schedule | The record ID for a billing schedule REST record is BillingSchedule . You must enable the Advanced Billing feature before you can use this record through REST web services. |
| Bin | The record ID for a bin REST record is bin . This record is available when the Bin Management feature is enabled. |
| Bin Transfer | The record ID for a bin transfer REST record is bintransfer . To transfer lot and serialized items between bins, you must enable the Advanced Bin/Numbered Inventory Management feature. |
| Blanket Purchase Order | The record ID for a blanket purchase order REST record is blanketPurchaseOrder . This record is available only when the Blanket Purchase Order feature is enabled at Setup > Company > Setup Tasks > Enable Features (Administrator), on the Transactions subtab. |
| Cash Refund | The record ID for a cash refund REST record is CashRefund . Using this record requires you to specify an item line number that is 1-indexed. |
| Check | The record ID for the check REST record is check . Voiding of checks is not supported in REST web services. |
| Class | The record ID for the classification REST record is classification . Read-only sublists, including system notes, are not supported in REST. |
| Commerce Category | The record ID for a commerce category REST record is commercecategory . You must Enable Commerce Categories Feature for any interaction with the record. The account must also contain a Commerce Catalog record to reference. |
| Consolidated Exchange Rate | The record ID for a consolidated exchange rate REST record is ConsolidatedExchangeRate . You must enable the Multiple Currencies feature before you can use this record through REST web services. |
| Cost Category | The record ID for a cost category REST record is CostCategory . You must enable either the Standard Costing or Landed Cost feature before you can use this record through REST web services. |

| Record Type | Notes |
|-----------------------|--|
| Credit Card Charge | The record ID for a credit card charge REST record is creditCardCharge . Before you can use this record through REST web services, you must enable and set up the SuiteTax feature as legacy tax fields are not available over REST. |
| Credit Card Refund | The record ID for a credit card refund REST record is creditCardRefund . Before you can use this record through REST web services, you must enable and set up the SuiteTax feature as legacy tax fields are not available over REST. |
| Currency | The record ID for a currency REST record is Currency . You must have the Multiple Currencies feature enabled before you can use this record through REST web services. |
| Customer Category | The record ID for the customer category REST record is customerCategory . Customer category defines a list of values that are used by the customer record to set the type of customer. |
| Customer Deposit | The record ID for the customer deposit REST record is customerDeposit . Before you work with customer deposits, enable the A/R feature. |
| Customer Refund | The record ID for the customer refund REST record is customerRefund . Before you work with customer refunds, enable the A/R feature. |
| Department | The record ID for the department REST record is department . Read-only sublists, including system notes, are not supported in REST. |
| Deposit Application | The record ID for the deposit application REST record is depositApplication . Before you work with deposit applications, enable the A/R feature. |
| Discount Item | The record ID for a discount item REST record is discountItem . This record is not a subrecord. |
| Download Item | The record ID for a download item REST record is downloadItem . |
| Estimate | The record ID for the estimate REST record is estimate . You must enable estimates before you can use this record through REST web services. To do so, go to Setup > Company > Enable Features. On the Transactions subtab under Basic Features, check the Estimates box, and then click Save . |
| Expense Category | The record ID for an expense category REST record is expensecategory . You must enable the Expense Reports feature before you can use this record through REST web services. |
| Expense Report | The record ID for an expense report REST record is expensereport . You must enable the Expense Reports feature before you can use this record through REST web services. |
| Gift Certificate Item | The record ID for the gift certificate item REST record is giftCertificateItem . Before you work with gift certificate items, enable the Gift Certificates feature. |
| Inbound Shipment | The record ID for an inbound shipment REST record is inboundshipment . If the Inventory Detail feature is enabled, this record has one subrecord: inventorydetail. |

| Record Type | Notes |
|---|---|
| Intercompany Journal Entry | The record ID for the intercompany journal entry REST record is intercompanyjournalentry . Read-only sublists, including system notes, are not supported in REST. |
| Intercompany Transfer Order | The record ID for the intercompany transfer order REST record is intercompanytransferorder . |
| Inventory Adjustment | The record ID for an inventory adjustment REST record is inventoryadjustment . This transaction is available when the Inventory feature is enabled. |
| Inventory Cost Revaluation | The record ID for an inventory cost revaluation REST record is InventoryCostRevaluation . You must enable the Standard Costing feature before you can use this record through REST web services. |
| Inventory Count | The record ID for an inventory count REST record is inventorycount . This transaction is available when Inventory Count feature is enabled. Inventory counts for lot and serialized items require the Advanced Bin/Numbered Inventory Management feature. |
| Inventory Number | The record ID for an inventory number REST record is inventorynumber . |
| Inventory Transfer | The record ID for an inventory transfer REST record is inventorytransfer . This transaction is available when the Locations feature and the Multi-Location Inventory (MLI) feature are enabled. |
| Item Receipt | The record ID for an item receipt REST record is itemreceipt . This transaction is available when the Locations feature and the Multi-Location Inventory (MLI) feature are enabled. |
| Item Revision | The record ID for an item revision REST record is ItemRevision . This record is not a subrecord. |
| Job | The record ID for a job REST record is job . You must enable the Projects feature before you can use this record through REST web services. |
| Job Status | The record ID for a job status REST record is jobstatus . You must enable the Projects feature before you can use this record through REST web services. |
| Job Type | The record ID for an job type REST record is jobtype . You must enable the Projects feature before you can use this record through REST web services. |
| Kit Item | The record ID for a kit item REST record is kitItem . The record has a matrix pricing machine. Otherwise, it behaves in the same way as the inventory item. |
| Location | The record ID for the location REST record is location . Read-only sublists, including system notes, are not supported in REST. |
| Markup Item | The record ID for the markup item REST record is markupitem . |

| Record Type | Notes |
|--------------------------------|---|
| Nexus | The record ID for the nexus REST record is nexus . The SuiteTax feature must be enabled to use this record. |
| Opportunity | The record ID for an opportunity REST record is opportunity . When updating an existing Opportunity record through REST, do not include the "line" element when adding an item line. |
| Other Charge for Purchase Item | The record ID for an other charge for purchase item REST record is otherChargePurchaseItem . This record is not a subrecord. |
| Other Charge for Resale Item | The record ID for an other charge for resale item REST record is otherChargeResaleItem . ItemImages is not accessible in REST web services. |
| Other Charge for Sale Item | The record ID for an other charge for sale item REST record is otherChargeSaleItem . |
| Other Name | The record ID for an other name REST record is otherName . Updating legacy tax fields is not supported. |
| Other Name Category | The record ID for an other name category REST record is otherNameCategory . This record is not a subrecord |
| Payment Item | The record ID for a payment item REST record is paymentItem . This record is not a subrecord. |
| Payment Method | The record ID for the payment method REST record is paymentMethod . The payment method record has a sublist of the paymentMethodVisual subrecord, which is not exposed to REST web services. |
| Price Level | The record ID for a price level REST record is pricelevel . |
| Pricing Group | The record ID for a pricing group REST record is pricinggroup . You must enable Multiple Prices before you can use this record through REST web services. |
| Project Task | The record ID for a project task REST record is projecttask . You must enable the Project management feature before you can use this record through REST web services. |
| Purchase Contract | The record ID for a purchase contract REST record is purchaseContract . This record is available only when the Purchase Contract feature is enabled at Setup > Company > Setup Tasks > Enable Features (Administrator), on the Transactions subtab. |
| Requisition | The record ID for a requisition REST record is purchaserequisition . To use the purchase requisition REST record, you must have the Requisition feature enabled. |
| Return Authorization | The record ID for a return authorization REST record is returnAuthorization . The REST label for customer is entity . The corresponding UI form label is Customer . |
| Sales Tax Item | The record ID for the sales tax item REST record is salesTaxItem . The SuiteTax feature must be enabled to use this record. |

| Record Type | Notes |
|---|---|
| Service Purchase Item | The record ID for a service purchase item REST record is servicepurchaseitem . Tax schedule-related fields are not supported in REST. |
| Service Resale Item | The record ID for a service resale item REST record is serviceresaleitem . Tax schedule-related fields, billing rate-related and item task template-related sublists are not supported in REST. |
| Service Sale Item | The record ID for a service sale item REST record is servicesaleitem . Tax schedule-related fields, billing rate-related and item task template-related sublists are not supported in REST. |
| Ship Item | The record ID for a ship item REST record is shipitem . This record is not a subrecord. |
| Statistical Journal Entry | The record ID for the statistical journal entry REST record is statisticaljournalentry . Read-only sublists, including system notes, are not supported in REST. |
| Subtotal Item | The record ID for a subtotal item REST record is subtotalitem . This record is not a subrecord. |
| Tax Type | The record ID for a taxtype REST record is taxType . The SuiteTax features must be enabled to use this record. |
| Term | The record ID for the term REST record is term . Note that certain fields become available only after you enable the Installments feature. |
| Transfer Order | The record ID for a transfer order REST record is transferorder . This transaction is available when the Locations feature and the Multi-Location Inventory (MLI) feature are enabled. |
| Unit of Measure | The record ID for a unit of measure REST record is unitsType . The unit of measure is also known as a unit type. This record is not a subrecord. |
| Vendor Category | The record ID for a vendor category REST record is vendorcategory . This record is not a subrecord and does not contain subrecords. |
| Vendor Credit | The record ID for a vendor credit REST record is vendorcredit . |
| Vendor Payment | The record ID for a vendor payment REST record is vendorPayment . Vendor payment has one subrecord, with the record ID payeeAddress . |
| Vendor Prepayment | The record ID for a vendor prepayment REST record is vendorprepayment . To use the vendor prepayment REST record, you must have the Vendor Prepayments feature enabled, and a default vendor prepayment account set. |
| Vendor Prepayment Application | The record ID for a vendor prepayment application REST record is vendorprepaymentapplication . To use the vendor prepayment application REST record, you must have the Vendor Prepayments feature enabled, and a default vendor prepayment account set. |

For a list of every supported record, see the help topic [REST Web Services Supported Records](#).

Except for fully supported records, all records listed in the REST API Browser are available as beta records in REST web services if the REST Record Service (Beta) feature is enabled. For more information about working with the browser, see the help topic [The REST API Browser](#).

SOAP Web Services Version 2023.2

SOAP web services version 2023.2 is available. When your implementation is upgraded to 2023.2, the 2023.2 WSDL becomes available in your production account.

When SOAP web services version 2023.2 is available, version 2016.2 is retired.

You do not need to upgrade your WSDL when the new version is generally available. NetSuite supports each endpoint for seven years. For information about the supported generally available versions, see the help topic [Support for Existing WSDL Versions](#).

Araxis Merge Diff File for the 2023.2 Endpoint

The [Araxis Merge diff file](#) highlights the schema changes between the 2023.1 and 2023.2 endpoints.

- [About the Araxis Merge Diff File](#)
- [Using the Araxis Merge Diff File](#)

About the Araxis Merge Diff File

NetSuite publishes an Araxis Merge diff file for every new endpoint. Depending on the scope of the release, changes described in the Araxis Merge diff file may include:

- New record types
- Elements (fields) that have been added, removed, or changed
- New sublists (lists)
- New joins
- New search filters and search return columns
- New platform operations

Using the Araxis Merge Diff File



Important: The screenshots in this section are for illustrative purposes only. They do not reflect changes related to any specific endpoint.

The Araxis Merge diff file is generated using Araxis Merge. When you click the Araxis Merge diff file link (when it is available), a page appears that offers an overview of all schema changes.

The following screenshot shows how this summary page looks. In this example, the highlighted rows indicate that an XSD has been modified. The integers at the center indicate the number of changed lines in the file. To see the exact differences, click the report link in the column on the right or click the name of the file in either column.

| | | | |
|--|----|--|---------------------------|
| activities.scheduling.xsd | 3 | activities.scheduling.xsd | Report 1 |
| activities.schedulingTypes.xsd | 1 | activities.schedulingTypes.xsd | Report 2 |
| documents.fileCabinet.xsd | 0 | documents.fileCabinet.xsd | Report 3 |
| documents.fileCabinetTypes.xsd | 2 | documents.fileCabinetTypes.xsd | Report 4 |
| general.communication.xsd | 3 | general.communication.xsd | Report 5 |
| general.communicationTypes.xsd | 0 | general.communicationTypes.xsd | Report 6 |
| lists.accounting.xsd | 32 | lists.accounting.xsd | Report 7 |
| lists.accountingTypes.xsd | 5 | lists.accountingTypes.xsd | Report 8 |
| lists.employees.xsd | 0 | lists.employees.xsd | Report 9 |
| lists.employeeTypes.xsd | 0 | lists.employeeTypes.xsd | Report 10 |
| lists.marketing.xsd | 0 | lists.marketing.xsd | Report 11 |
| lists.marketingTypes.xsd | 0 | lists.marketingTypes.xsd | Report 12 |
| lists.relationships.xsd | 10 | lists.relationships.xsd | Report 13 |
| lists.relationshipTypes.xsd | 1 | lists.relationshipTypes.xsd | Report 14 |
| lists.supplyChain.xsd | 0 | lists.supplyChain.xsd | Report 15 |
| lists.supplyChainTypes.xsd | 0 | lists.supplyChainTypes.xsd | Report 16 |
| lists.support.xsd | 2 | lists.support.xsd | Report 17 |
| lists.supportTypes.xsd | 0 | lists.supportTypes.xsd | Report 18 |

When you click any of these links, the Araxis Merge diff file shows a page with two columns. The previous version of the file is displayed on the left and the new version is displayed on the right. Changed elements are highlighted.

For example, the following screenshot shows an excerpt from the report on `platform.commonTypes.xsd`. Notice the addition of two values to the `PermissionCode` enumeration: `_accessPaymentAuditLog` and `_advancedPDFHTMLTemplates`.

| | | | |
|-----|--|-----|--|
| 500 | <!-- PermissionCode/start --> | 500 | <!-- PermissionCode/start --> |
| 501 | <simpleType name="PermissionCode"> | 501 | <simpleType name="PermissionCode"> |
| 502 | <restriction base="xsd:string"> | 502 | <restriction base="xsd:string"> |
| 503 | <enumeration value="_accountDetail"/> | 503 | <enumeration value="_accessPaymentAuditLog"/> |
| 504 | <enumeration value="_accountingBook"/> | 504 | <enumeration value="_accountDetail"/> |
| 505 | <enumeration value="_accountingLists"/> | 505 | <enumeration value="_accountingBook"/> |
| 506 | <enumeration value="_accounts"/> | 506 | <enumeration value="_accountingLists"/> |
| 507 | <enumeration value="_accountsPayable"/> | 507 | <enumeration value="_accounts"/> |
| 508 | <enumeration value="_accountsPayableGraphing"/> | 508 | <enumeration value="_accountsPayable"/> |
| 509 | <enumeration value="_accountsPayableRegister"/> | 509 | <enumeration value="_accountsPayableGraphing"/> |
| 510 | <enumeration value="_accountsReceivable"/> | 510 | <enumeration value="_accountsPayableRegister"/> |
| 511 | <enumeration value="_accountsReceivableGraphing"/> | 511 | <enumeration value="_accountsReceivable"/> |
| 512 | <enumeration value="_accountsReceivableRegister"/> | 512 | <enumeration value="_accountsReceivableGraphing"/> |
| 513 | <enumeration value="_accountsReceivableUnbilled"/> | 513 | <enumeration value="_accountsReceivableRegister"/> |
| 514 | <enumeration value="_adjustInventory"/> | 514 | <enumeration value="_accountsReceivableUnbilled"/> |
| 515 | <enumeration value="_adjustInventoryWorksheet"/> | 515 | <enumeration value="_adjustInventory"/> |
| 516 | <enumeration value="_adminDocs"/> | 516 | <enumeration value="_adjustInventoryWorksheet"/> |
| 517 | <enumeration value="_adpImportData"/> | 517 | <enumeration value="_adminDocs"/> |
| 518 | <enumeration value="_adpSetup"/> | 518 | <enumeration value="_adpImportData"/> |
| 519 | <enumeration value="_advancedAnalytics"/> | 519 | <enumeration value="_adpSetup"/> |
| 520 | <enumeration value="_allocationSchedules"/> | 520 | <enumeration value="_advancedAnalytics"/> |
| 521 | <enumeration value="_allowNonGLChanges"/> | 521 | <enumeration value="_advancedPDFHTMLTemplates"/> |
| | | 522 | <enumeration value="_allocationSchedules"/> |
| | | 523 | <enumeration value="_allowNonGLChanges"/> |

The Araxis Merge diff file also shows changes to data types. The following screenshot is a snapshot of `transactions.sales.xsd`. Notice that the `chargeType` element changed from an enumeration to a `RecordRef`.

| | | | |
|------|---|------|---|
| 1054 | <element name="voiceDelivered" type="xsd:boolean" minOccurs="0"/> | 1065 | <element name="voiceDelivered" type="xsd:boolean" minOccurs="0"/> |
| 1055 | <element name="chargeType" type="platformCommonType:ChargeRuleType" minOccurs="0"/> | 1066 | <element name="chargeType" type="platformCore:RecordRef" minOccurs="0"/> |
| 1056 | <element name="chargesList" type="platformCore:RecordRefList" minOccurs="0"/> | 1067 | <element name="chargesList" type="platformCore:RecordRefList" minOccurs="0"/> |
| 1057 | <element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/> | 1068 | <element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/> |

2023.2 SOAP Schema Browser

The 2023.2 version of the [SOAP Schema Browser](#) is now available. You can find links to the SOAP Schema Browser in several places, including the following:

- The help topic titled [SOAP Schema Browser](#).
- The reference page for each supported record in the SOAP Web Services Records Guide. The [SuiteTalk SOAP Web Services Records Guide](#) is available in the NetSuite Help Center and can be downloaded as a PDF from the [User Guides](#) topic.

Taxation

NetSuite 2023.2 includes the following enhancements to taxation features:

- SuiteTax
 - Multiple Shipping Routes in SuiteTax
 - Automated Calculation of Consumer's Use Tax for SuiteTax Engine
 - Tax Reporting Framework Enhancements
 - Manual Submission and Multiple Nexuses Support
 - Belgium Localization Tax Reports Enhancements
 - France Localization FEC Report Enhancement
 - Netherlands Localization Tax Reports Enhancements
 - New Spain Localization SuiteApp
 - Spain Localization Enhancements
- Legacy Tax
 - End of Support for Germany GoBD in Tax Audit Files
 - International Tax Reports Enhancements
 - Denmark VAT Report 2023 Update
 - Luxembourg VAT Report 2023 Update
 - Non-VAT Header Support for Philippine VAT Reports
 - Singapore GST F5 Return Enhancement
 - Germany Monthly and Quarterly VAT Report 2023 Update
 - Philippines VAT RELIEF Reports Update
 - International Tax Reports Issue Fixes
 - International Tax Reports 3.127.1 Issue Fixes
 - International Tax Reports 3.127.0 Issue Fixes
 - International Tax Reports 3.126.0 Issue Fixes
 - ANZ Localization Enhancements
 - Belgium Localization Tax Reports Enhancements
 - France Localization FEC Report Enhancement
 - Portugal Invoice Certification Enhancements
 - Portugal Localization Enhancements

Multiple Shipping Routes in SuiteTax

The Multiple Shipping Routes feature enables you to ship to several addresses using different shipping methods on the same transaction.

As of 2023.2, line level shipping and handling information is sent to tax engines as tax calculation input lines. This includes the following:

- Shipping and handling rates
- Shipping method

Line level shipping and handling tax amount fields are also added to the Shipping subtab. Tax engines are now able to calculate shipping and handling taxes based on line level details.

You first need to enable the Multiple Shipping Routes feature. Then, check the Enable Item Line Shipping box on your sales transaction. You can now access shipping addresses, shipping methods, shipping and handling costs at line level.

You can manually add taxes for line level shipping and handling costs using the tax details override setting.

User Interface

This release note was updated [August 28, 2023](#).

NetSuite 2023.2 includes the following enhancement to the NetSuite User Interface:

- [NetSuite Guided Learning Tool](#)
- [Maximum Number of Saved Searches in the Navigation Menu](#)
- [Removal of the Ext JS Library](#)
- [Changes to Supported Safari Browser and Mac OS Versions](#)
- [Enhancements for Current Page Results](#)

NetSuite Guided Learning Tool

NetSuite now includes a new Guided Learning tool to help you complete tasks within the application. NetSuite Guided Learning provides you with contextual step-by-step instructions within the system. The feature is now available in all NetSuite accounts and includes more than 50 guides in 21 languages.



The list of all available NetSuite Guided Learning guides is accessible through the Help Panel. To open the Help Panel, click the **i** button, which appears on the right side of the screen. To start a guide, click the title of the guide in the list that appears. The guide then walks you through the selected task using pop-up windows and pointers, which helps you enter all required fields, click buttons, and complete the task.

To display or hide NetSuite Guided Learning, go to Home > Set Preferences and select or clear the **Enable Oracle Guided Learning** box.

Maximum Number of Saved Searches in the Navigation Menu

The maximum number of saved searches available in the NetSuite navigation menu is 100. To view all saved searches, go to Reports > Saved Searches > All Saved Searches.

Removal of the Ext JS Library

NetSuite has started the process to remove the unsupported Ext JS library. If your customizations rely on this library's API, despite its lack of support, you should prepare for this removal as soon as possible.

The Ext JS library will be removed as of the 2024.1 release. The removal of the Ext JS library may break external references to it. To use the Ext JS library API with SuiteScript, you need to replace it with your own external instance of the library or adjust your code to function without use of the Ext JS library.

Changes to Supported Safari Browser and Mac OS Versions

Only the two most recent stable major versions of the Safari browser and Mac OS are supported for NetSuite. If you are using an older version of Safari or Mac OS, update to a supported version before you upgrade to NetSuite 2023.2.

Enhancements for Current Page Results

The Current Page Results feature in the global search is now available for form pages, setup pages, and list pages. The results include the following elements:

- Fields
- Tabs
- Subtabs
- Column headers in lists, actions, buttons, and links

If you hover over a search result, you can see the **Open** link on the right side of the result. When you click **Open**, you will be redirected to a new NetSuite page showing the result.

emp

Global Search Results

Page: **Approve Employee Commissions**
Search: **Custom Employee Search**
Search: **Custom Employee Search: Mass Update**
Page: **Employee Change History**
Search: **Employee Directory**
Page: **Employee Directory**
Page: **Employee Payroll Item History**
Page: **Employee Plan Assignments**
Page: **Employee Plans**
Page: **Employee Related Lists**

Show all results

Current Page ResultsAlt+Shift+G

Field: Human Resources > **Employee Status**
Field: **Employee ID**
Column: Payroll > Taxes > **Exempt**
Menu: Transactions > **Employees** > Enter Expense Reports
Menu: Transactions > **Employees** > Enter Expense Reports > List
Menu: Transactions > **Employees** > Enter Expense Reports > Search
Menu: Transactions > **Employees** > Imported **Employee Expenses**Open
Menu: Transactions > **Employees** > Imported **Employee Expenses** > Search
Menu: Transactions > **Employees** > Track Time
Menu: Transactions > **Employees** > Track Time > List

Show 85 more results

Vendors, Purchasing, and Receiving

This release note was updated [September 4, 2023](#).

NetSuite 2023.2 includes the following enhancements to the vendors, purchasing, and receiving features:

- [Enhancements to Bill Capture](#)
- [Email Enhancements for Transaction Email Capture](#)
- [Vendor Bill Sender Permission for Transaction Email Capture](#)

■ Brazil Certification Tax Authorities Enhancements

Enhancements to Bill Capture

The Scanned Vendor Bills page provides more control over how content is uploaded and displayed:

- Upload multiple files – You can upload multiple files on the Scanned Vendor Bills page. Previously, files could only be uploaded one at a time. Notifications alert you of successful and unsuccessful file uploads.
- Hide and delete rows – Rows of scanned bills can be hidden or deleted from the Scanned Vendor Bills page. This reduces the number of rows on the page, improving user experience and performance of the page, for example, when filtering.
 - Rows of scanned bills that have been reviewed and generated can be hidden. Hiding a row does not delete the file from the File Cabinet.
 - Rows of scanned bills that have been uploaded but for which the bills have not been generated yet can be deleted. Deleting a row also deletes the file from the File Cabinet. Full permissions for File Cabinet are required to delete rows.
- Auto-refresh – The list of scanned bills is automatically refreshed after a new file is uploaded.

The Review Bill page has several improvements:

- Subsidiary mapping – If you have access to multiple subsidiaries, Bill Capture attempts to select the correct subsidiary. If an incorrect subsidiary is suggested, you can manually update it.
- Vendor mapping – To populate the vendor, the system now compares the scanned bill's vendor name, vendor logo, and vendor address recipient with the vendor names found in NetSuite (company or individual).
- Expense line mapping – Accuracy of expense line mapping is improved by matching what is on the bill to the items and expenses on the purchase order (PO). If no PO is matched, historical transactions are considered to categorize lines as items or expenses. This takes into account multiple similarities when examining previous bills from your matched vendor. Bill Capture supports partial billing. POs are closed when fully billed, and PO lines that have been billed separately are tracked.
- Item line mapping – The system compares the uploaded bill's item name, description, and product code (if any) with item names, vendor codes, and manufacturer part numbers found in NetSuite. The closest match is suggested. If there is no match, the field is left blank.
- Class, Department, and Location – Class and Department are now available fields under the Items and Expenses tabs. Similarly, Location is now an available field under the Expenses tab. These fields will be automatically populated on the Review Scanned Bill page if found in a matched PO or the respective item record.
- Reference number duplicate detection – Reference numbers are validated to check if they have already been used for the vendor. If the reference number is not unique for the vendor, a warning message is displayed. You can save the duplicate or change the reference number.
- System learning – Bill Capture learns from corrections you make to most field. After one correction for a field, any time the same value is scanned, the learned value is automatically populated for that field. For the most accurate data, the system learns when:
 - Clicking **Save For Later** – the system learns from any corrections you made (fields that were manually changed).
 - Clicking **Create Bill** – the system learns from all fields, whether they were manually corrected or not.

Additional options are available on the Bill Capture Preferences page:

- Line Categorization – You can now select how to categorize scanned lines. They can be recorded as items only, expenses only, or both, based on existing records and transactions.
- Expense Line Total – If any lines are recorded as expenses, they can be recorded as individual expense lines, or summarized into a single line. Tax and shipping can be included in this total, or recorded separately.
- Default Expense Account Source – If expense accounts are sourced from the vendor record, the system automatically populates the default expense account of the matched vendor. Otherwise, the system associates each memo with the expense account or category you entered.
- Payment Terms Source – You can select whether payment terms should be sourced from the scanned file or the vendor record.

For more information, see the help topic [Email or Upload Vendor Bill Files Into NetSuite Using Bill Capture](#).