

# NetSuite 2023.1 Release Notes

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**Important:** This document summarizes the changes to NetSuite between 2023.1 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 2023.1 enhancements and changes listed in this document are not available to customers until they are upgraded to NetSuite 2023.1. 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

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- [Advanced Revenue Management Period Close Checklist Tasks Enhancements](#)
- [Enhancements to Carve In/Carve Out Adjustment Journal Entries](#)
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### NetSuite · Account Setup and Maintenance

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- [Storage Info Page Removed from NetSuite Account Center](#)

- Rescheduling Support for Sandbox Upgrades and Development Account Moves to OCI
- Subscribe to a Specific Data Center from the NetSuite Status Page
- Scheduled Scripts No Longer Run Automatically in Sandbox After a Refresh
- Removal of Application Performance Management 1.14.0 and Earlier Versions

## NetSuite · Authentication

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- End of Support for New SMS/Voice Call Setup for 2FA
- Outbound Single Sign-on (SuiteSignOn) End of Support Targeted for NetSuite 2024.2

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- Cash 360 Enhancements
- Improved CSV Bank Statement File Parsing
- Payment Automation for HSBC Now Generally Available
- Support Two-Factor Authentication for Bank Statement Import
- Transaction Type Mapping to Payer/Payee Field in CAMT.053 Parser

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- Smart Count Enhancements
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- NetSuite Ship Central Now Available
- End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC
- Philippines Invoicing Printing Preferences and Templates Enhancements
- Singapore Localization Now Available in the SuiteApp Marketplace
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- Project 360 Dashboard Enhancements

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- Third-party Library Updates for SuiteCloud Extension for Visual Studio Code and SuiteCloud CLI for Node.js
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## NetSuite · Taxation

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  - International Tax Reports Enhancements
    - Germany Monthly and Quarterly VAT Report 2023 Update
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    - Germany VAT Report XML Tags Automation
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- Portugal Invoice Certification Enhancements
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- New Preference to Display Inline Editor Sublist Tooltip

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- Vendor Bill File Processing Failed Email Notification for Transaction Email Capture
- Transaction Email Capture Now Available

## Commerce

### Commerce · Commerce Sales and Marketing

- Intelligent Recommendations Available to Enable in all Accounts
- New Intelligent Recommendation Types: Buy Again and Alternative Items
- Intelligent Recommendations Available on Opportunity Records

### Commerce · Commerce Website Management and Performance

- Updates to Application Performance Management for Commerce

### Commerce · SC/SCMA/SCA — SuiteCommerce Solutions

**Note:** For a comprehensive list of 2023.1 releases of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced (including minor releases), see [SC/SCMA/SCA — SuiteCommerce Solutions](#).

- ACH Available in the Checkout Flow
- Strike-Through Pricing Support for Matrix Items
- Support for Google Analytics 4 Existing Events
- SuiteCommerce Extension Management Updates
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- Node.js Requirement
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## Commerce · SuiteCommerce InStore

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## SuiteApps

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- Inventory Management SuiteApps
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- Manufacturing SuiteApps
- Order Management SuiteApps
- Projects SuiteApps
- SuiteAnalytics SuiteApps
- Taxation SuiteApps
- Vendors, Purchasing, and Receiving SuiteApps
- Wholesale Distribution SuiteApps

## Accounting

NetSuite 2023.1 includes the following enhancements to accounting features:

- Advanced Revenue Management Period Close Checklist Tasks Enhancements
- Enhancements to Carve In/Carve Out Adjustment Journal Entries
- Fixed Assets Management Enhancements
- Expense Commitments and Budget Validation Enhancements
- Indirect Cost Allocation for Grants SuiteApp Now Available
- Indirect Cost Allocation for Grants Enhancements
- Brazil Localization
- Country-Specific Address Forms Enhancements
- Country-Specific Reports Hierarchical View of Accounts
- GL Matching Enhancement
- India Localization Enhancements
- Japan Fixed Assets Reports Enhancements

## Advanced Revenue Management Period Close Checklist Tasks Enhancements

The Period Close Checklist now contains two new tasks:

- Recognize Revenue - This task enables you to create revenue recognition journal entries.
- Reclassify Revenue - This task enables you to create revenue reclassification journal entries.

You can mark both tasks as complete if you do not want to run these processes.

When using the Period Close Checklist, accounts receivable and accounts payable must be locked before recognizing and reclassifying revenue. When accounts receivable and accounts payable are locked, the revenue recognition and revenue reclassification journal entries are posted to the same period you are closing. To access the Period Close Checklist, go to Setup > Accounting > Manage G/L > Manage Accounting Periods. For information about completing Period Close Checklist tasks, see the help topic [Using the Period Close Checklist](#).

The Advanced Revenue Management (Essentials) feature must be enabled to see the revenue recognition and revenue reclassification tasks in your Period Close Checklist. For more information, see the help topic [Enabling the Advanced Revenue Management \(Essentials\) Feature](#).

The **Edit** or **Full** level of the Manage Accounting Periods permission is required to set up, edit, lock transactions for period close, or reopen periods. For more information about permissions, see the help topic [Accounting Period Management](#).

You can run the revenue recognition and revenue reclassification processes at any time. You should run these processes at the end of the period. For more information, see the help topics [Revenue Recognition Journal Entries](#) and [Reclassification of Deferred Revenue](#).

## Enhancements to Carve In/Carve Out Adjustment Journal Entries

This release includes enhancements to how NetSuite handles revenue arrangements when the carve in/carve out adjustment for the reclassification process exceeds 1,000 lines. Previously, when the reclassification process exceeded 1,000 journal entry lines, NetSuite split a single revenue arrangement across multiple carve in/carve out adjustment journals. Now, NetSuite does not split a single revenue arrangement across multiple carve in/carve out adjustment journals. This enhancement makes the carve in/carve out adjustment journals more readable.

Line limitations on reclassification journal entries have not changed. When a journal entry for the reclassification process exceeds 1,000 lines, multiple reclassification journal entries are created. For more information about line limitations on reclassification journal entries, see the help topic [Creating Reclassification Journal Entries](#).

For more information about carve in/carve out adjustments, see the help topic [Carve In/Carve Out Adjustment](#).

## Account Setup and Maintenance

NetSuite 2023.1 includes the following enhancements to account setup and maintenance features:

- [Personal Information Removal Enhancements for Addresses](#)
- [Storage Info Page Removed from NetSuite Account Center](#)
- [Rescheduling Support for Sandbox Upgrades and Development Account Moves to OCI](#)



- [Subscribe to a Specific Data Center from the NetSuite Status Page](#)
- [Scheduled Scripts No Longer Run Automatically in Sandbox After a Refresh](#)
- [Removal of Application Performance Management 1.14.0 and Earlier Versions](#)

## Personal Information Removal Enhancements for Addresses

To streamline the process of Personal Information (PI) Removal for addresses and to comply with the General Data Protection Regulation (GDPR), the California Consumer Privacy Act (CCPA), and other regulations, the following enhancements are available in the PI Removal feature:

- Previously, to anonymize information about addresses, you had to select multiple fields: Shipping Address Country, Override, Shipping Address State, Shipping Address Zip Code, Shipping Address is Residential, Billing Address is Residential, Ship To, Shipping Address, Vendor, and Billing Address. Now, to select all of the corresponding address fields, you can select the Shipping Address and Billing Address fields. To remove personal information from an address, select the field for each address type.

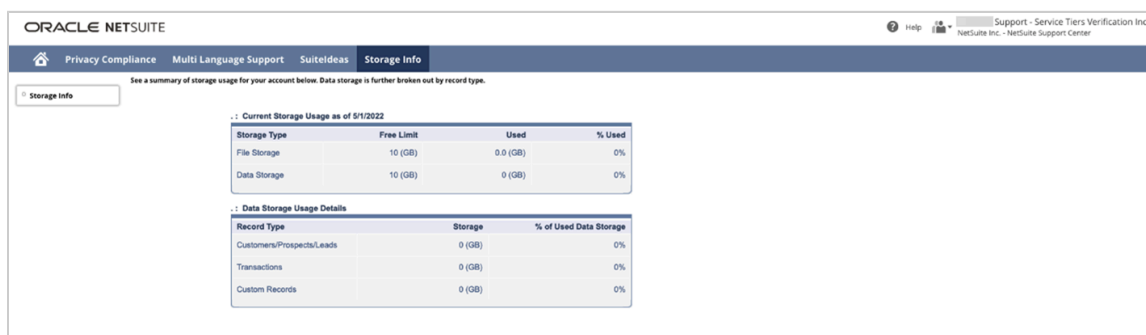
**Note:** If you copy PI removal requests, edit your requests to remove unavailable fields. Also, if you have a script that uses a removed address field, you must adjust the script to use the correct field (for example, Billing Address or Shipping Address).

- You can no longer create PI removal requests for address fields that are needed for tax and shipping calculations, such as Country, Subdivision, Postal Code, and City. These fields do not contain any personal information, but your company may need them for future financial audits.
- You can now create PI removal requests for addresses used in transactions from closed accounting periods.

For more information about the PI Removal feature, see the help topic [Personal Information \(PI\) Removal](#).

## Storage Info Page Removed from NetSuite Account Center

The Storage Info page has been removed from the NetSuite UI because total storage is no longer used as a metric for your NetSuite Service Tier usage.



The screenshot shows the NetSuite interface with the 'Storage Info' page selected. The page displays a summary of storage usage for the account as of 5/1/2022. It includes two tables: 'Current Storage Usage as of 5/1/2022' and 'Data Storage Usage Details'.

Storage Type	Free Limit	Used	% Used
File Storage	10 (GB)	0.0 (GB)	0%
Data Storage	10 (GB)	0 (GB)	0%

Record Type	Storage	% of Used Data Storage
Customers/Prospects/Leads	0 (GB)	0%
Transactions	0 (GB)	0%
Custom Records	0 (GB)	0%

Instead, users with the Administrator role or System Administrator role can check the File Cabinet storage size or the number of monthly transaction lines the account uses. To check these metrics, go to Setup > Company > View Billing Information.

If you have bookmarked the Storage Info page, visiting this page now redirects you to the Billing Information page.

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

## Rescheduling Support for Sandbox Upgrades and Development Account Moves to OCI

The Customer-Scheduled Maintenance feature supports rescheduling for NetSuite Version Upgrade maintenance on all sandbox accounts. This feature also now supports all development account moves to data centers built on OCI.



**Important:** If you want to reschedule maintenance for your sandbox or development accounts, you must log in to those accounts and visit the Customer-Scheduled Maintenance page in those accounts.

## Subscribe to a Specific Data Center from the NetSuite Status Page

To receive email or phone updates that are published to the status page for your specific data center, click [Subscribe to Updates](#) from the NetSuite Service Status Page and select the data center for which you want to receive incident reports.



**Note:** To find your data center, go to [Setup > Company > Company Information](#). For more information, see the help topics [Enter Basic Company Information](#) and [Checking NetSuite System Status](#).

## Scheduled Scripts No Longer Run Automatically in Sandbox After a Refresh

Scheduled scripts are account-specific. Scheduled scripts configured in production will no longer run automatically in a sandbox account after a refresh. Instead, scheduled scripts can be set up separately in a sandbox account.

For more information, see the help topic [Features Available for Testing in a Sandbox](#).

## Authentication

NetSuite 2023.1 includes the following enhancements to authentication features:

- [End of Support for HMAC-SHA1 Signature Method for TBA](#)
- [End of Support for New SMS/Voice Call Setup for 2FA](#)
- [Outbound Single Sign-on \(SuiteSignOn\) End of Support Targeted for NetSuite 2024.2](#)

## End of Support for HMAC-SHA1 Signature Method for TBA

In NetSuite 2023.1 the support ends for the HMAC-SHA1 signature method for the Token-based Authentication (TBA). You should update your integrations to use HMAC-SHA256 as soon as possible.

As of NetSuite 2023.1, any integrations using the TBA feature with HMAC-SHA1 as a signature method will stop working. The end of support and the request to change the signature method to HMAC-SHA256 also applies to third-party integrations.

You must update your authorization header to use HMAC-SHA256. To update the authorization header, change the values of the `oauth_signature_method` parameter and the `oauth_signature` parameter to HMAC-SHA256.

For more information, see the following help topics:

- [Example OAuth Header](#)
- [The Authorization Headers](#)
- [The Signature for Web Services and RESTlets](#)



**Important:** If you are using a library for signing, verify that the library supports HMAC-SHA256, and if needed, update to a library with HMAC-SHA256 support.

## End of Support for New SMS/Voice Call Setup for 2FA

As of March 1, 2023, the Two-factor authentication (2FA) setup using SMS/Voice Call will no longer be available. This change will not affect already existing 2FA setups.

If you need to set up 2FA in your account after March 1, 2023, you will be able to use only an authenticator app. The option to generate backup codes is not affected by this change. The SMS/Voice Call option is not available as a secondary option for 2FA either.

SMS/Voice Call can be easily intercepted and breached. Also, the SMS service provider may have outage, your own phone service may have problems, as well, and your phone may be out of signal. The authenticator app is free from all these potential risks.

## 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

This release note was updated [April 10, 2023](#).

NetSuite 2023.1 includes the following enhancements to banking features:

- [ACH Payments Available for Use with SuiteCommerce and SuiteCommerce Advanced](#)
- [Cash 360 Enhancements](#)

- [Improved CSV Bank Statement File Parsing](#)
- [Payment Automation for HSBC Now Generally Available](#)
- [Support Two-Factor Authentication for Bank Statement Import](#)
- [Transaction Type Mapping to Payer/Payee Field in CAMT.053 Parser](#)

## ACH Payments Available for Use with SuiteCommerce and SuiteCommerce Advanced

Changes to the Commerce API now allow you to use ACH payments with SuiteCommerce and SuiteCommerce Advanced. As a merchant, you can use this feature to offer ACH payments as a payment method on your web store for B2B customers.

With this feature, changes have been made to the following:

- `setPayment` method - See the help topic [setPayment\(payment\)](#) for more details.
- `payment` object - See the help topic [payment](#) for more details.
- `paymentmethod` object - See the help topic [paymentmethod](#) for more details.

To use this feature with checkout, you must:

- Enable the **Payment Instruments** feature (Setup > Company > Enable Features > Transactions > Payment Processing).
- Create a new payment method (Setup > Accounting > Accounting Lists > New > Payment Method). Set the **Type** to **ACH**, and check **Display in website**.
- Enable the **Allow non-credit card payment methods during checkout** feature (Commerce > Websites > Website List > [your website] > Shopping tab > Payments Page).
- Enable ACH Payments for companies, individuals, or both:
  - To enable **ACH Payments from Companies**:  
Check **ENABLE ACH PAYMENTS FROM COMPANIES** (Commerce > Websites > Configuration > [your website and domain] > Checkout).
  - To enable **ACH Payments from Individuals**:  
Check **ENABLE ACH PAYMENTS FROM INDIVIDUALS** and **ENABLE ACH PAYMENTS FROM COMPANIES** (Commerce > Websites > Configuration > [your website and domain] > Checkout).



**Important:** To enable ACH payments in the Checkout flow for your individual customers, ensure that the **ENABLE ACH PAYMENTS FROM COMPANIES** box is also checked.

For more information, see the help topic [ACH Payments](#).

## Commerce

NetSuite 2023.1 includes the following enhancements to Commerce features:

- [Commerce Sales and Marketing](#)
- [Commerce Website Management and Performance](#)
- [SC/SCMA/SCA — SuiteCommerce Solutions](#)
- [SuiteCommerce InStore](#)

# Commerce Sales and Marketing

NetSuite 2023.1 includes the following enhancements to Commerce sales and marketing features:

- **Commerce Marketing**
  - [Intelligent Recommendations Available to Enable in all Accounts](#)
  - [New Intelligent Recommendation Types: Buy Again and Alternative Items](#)
  - [Intelligent Recommendations Available on Opportunity Records](#)

## Commerce Marketing

### Intelligent Recommendations Available to Enable in all Accounts

The Intelligent Item Recommendations feature uses artificial intelligence algorithms to calculate and display product recommendations to sales representatives and web store shoppers. From 2023.1, this feature can be enabled in all NetSuite accounts that have the Customer Relationship Management or Website features enabled.

For more information about enabling the Intelligent Item Recommendations feature, see the help topic [Enable Intelligent Item Recommendations](#).

You can check what types of recommendations are available in your account on the Recommendation Availability screen, which you can access at Commerce > Marketing > Intelligent Recommendations > Recommendation Availability.

The recommendation types available in a subsidiary or website depend upon the number of inventory items and the number of transactions in the past 12 months. For more information about eligibility criteria, see the help topic [Account Requirements for Intelligent Item Recommendations](#).

### New Intelligent Recommendation Types: Buy Again and Alternative Items

Two new intelligent recommendation types are now available in NetSuite. These are:

- **Buy Again** – these are specific to each customer and are based on whether items are bought regularly by the customer. If a customer bought an item only one time, recommendations are based on whether the item is bought regularly by other customers. For example, if other customers buy printer paper every week, the Buy Again recommendation may recommend printer paper for a customer, a week after they have bought it for the first time.

Buy Again recommendations are available on sales orders, estimates, and opportunity records, as well as SuiteCommerce websites.

- **Alternative Items** – these are specific to an item already selected and show intelligent recommendations of alternatives to the item based on similarity of item name, description, and category. For example, if a website shopper adds small green shirts to an order, and then realizes there aren't enough shirts in stock, the Alternative Items recommendation might recommend large green shirts or small red shirts.

Alternative Items recommendations are available on sales orders, estimates, and opportunity records, as well as SuiteCommerce websites.

For more information about adding Buy Again and Alternative Items recommendations to opportunity records, see the help topic [Add Recommended Items to Sales Orders, Estimates, and Opportunities](#).

For more information about the Intelligent Recommendations feature, see the help topic [Intelligent Recommendations](#).

## Intelligent Recommendations Available on Opportunity Records

From 2023.1, sales representatives can view and choose from intelligent item recommendations as they create opportunity records for prospects or customers. This is in addition to the ability to use these recommendations on the sales order and estimate records, which has been available since 2022.1.

The artificial intelligence algorithms that calculate the recommendations use data such as:

- what the customer bought in the past
- what other customers with similar transaction history bought in the past
- what other items were bought by customers who bought a specific item
- items in the same account that have similar names, descriptions, and categories

When the Intelligent Recommendations feature is enabled, an **Intelligent Recommendations** button appears on opportunity records. After sales representatives have selected the customer or prospect, they can click Intelligent Recommendations to view intelligent recommendations. They can also add one or more items to the opportunity before they click the button.

The items recommended apply to the specific combination of customer and items selected. A different combination results in different recommendations. Because the machine learning algorithms continuously process and learn from the transaction data, the recommendations that are shown change and improve over time.

For more information about adding intelligent recommendations to opportunity records, see the help topic [Add Recommended Items to Sales Orders, Estimates, and Opportunities](#).

For more information about the Intelligent Recommendations feature, see the help topic [Intelligent Recommendations](#).

## Commerce Website Management and Performance

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

NetSuite 2023.1 includes the following enhancements to Commerce site management features:

### Updates to Application Performance Management for Commerce

In the latest version of SuiteCommerce Application Performance Management (SC APM) and SuiteCommerce InStore Application Performance Management (SCIS APM), the links on the Action History Detail portlets now redirect to the Profiler Details and SuiteScript Analysis pages of the latest version of the APM SuiteApp (available from the SuiteApp Marketplace). Previously, these links redirected you to pages of the APM SuiteApp version installed from the Search & Install Bundles page.

As of March 7, 2023, you can no longer use the APM SuiteApp installed from the Search & Install Bundles page. To continue using the APM tools with SC APM and SCIS APM, install the latest APM SuiteApp version from the SuiteApp Marketplace. For more information, see [Removal of Application Performance Management 1.14.0 and Earlier Versions](#).

## 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](#).

## 2023.1.0 Release Notes

The latest versions of SuiteCommerce, SuiteCommerce My Account, and SuiteCommerce Advanced include the following enhancements. Complete release notes are available here: [2023.1 Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#).

- [ACH Available in the Checkout Flow](#)
- [Strike-Through Pricing Support for Matrix Items](#)
- [Support for Google Analytics 4 Existing Events](#)
- [SuiteCommerce Extension Management Updates](#)
- [Configuration Properties Updates](#)
- [Node.js Requirement](#)
- [Third-Party Library Updates](#)
- [Issue Fixes](#)

## Minor Release Notes

- [2023.1.3 Minor Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#)
- [2023.1.2 Minor Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced](#)
- [2023.1.1 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 who receives the latest SCIS release. Your administrator will receive notice by email when your group is scheduled for an update.

 **Note:** Contact your account representative or Customer Support if you have questions about the availability of SCIS 2023.1.

## Feature Summary

The SCIS 2023.1 release provides updates that affect behind-the-scenes processing in NetSuite. The release has no functional changes that are visible at the point-of-sale.

## Included Fixes

In SCIS 2023.1 we corrected the following issues. Note that these issues occurred only under specific scenarios or unique configurations.

- **Gift cards for discounts not applying correctly** – In some scenarios, gift cards configured to provide a predefined discount were not being applied to transactions as designed.
- **New customers had Default Shipping automatically enabled** – When a customer was created from an SCIS mobile device, the box for Default Shipping on the customer record in NetSuite was automatically checked (enabled).
- **Close Shift receipt shows incorrect Cash Sale vs. Expected Cash** – In some scenarios using Advanced Cash Drawer Management, the reported cash drawer amounts at closing were the same for Cash Sale and Expected Cash.
- **Payment setup caused refund error** – Certain instances having Payment Instruments enabled and Multiple Currencies disabled caused refunds to error during return transactions.
- **Change to line item discount did not update** – When a discount was added to a line item and then changed to a different value, the new discount amount was not being applied.
- **Incorrect result when exact bar code not found** – Scanning a bar code that was not associated with an item record in NetSuite did not always prompt the clerk to the error. Instead the search might select a different item that matched a portion of the scanned code.

## Globalization

NetSuite 2023.1 includes the following enhancements to internationalization features:

### Changes to Turkey Country Name

Türkiye has replaced the country name of Turkey. The default short name on the Countries page is Türkiye.

The new name of Türkiye is reflected in any existing records, transactions, tax reports, and subsidiaries in your account. Text type fields representing the country of Turkey in your account, such as address fields, require manual changes. You should make these changes in any records with text type fields where the country name is Turkey (for example, any open transactions that include shipping or billing addresses). These changes should be made for all channels where the name of Turkey is hardcoded, including NetSuite UI, scripts, workflows, and integrations.



# Inventory Management

NetSuite 2023.1 includes the following enhancements to inventory management features:

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


## Supply Planning Enhancements

The NetSuite 2023.1 Supply Planning (MRP) feature includes the following enhancements:

- [Define a Workday Calendar by Location](#)  
 NetSuite Supply Planning 2023.1 enables you to use the Workday Calendar feature with Supply Planning (MRP) locations. By applying a work calendar to a specific location, you can define which days of the week are working days and which are non-working days. For example, weekends or holidays.  
 This enhancement enables the Supply Planning engine to identify a defined workday calendar. The process creates a plan to calculate lead times, start planned work orders, or reschedule existing work orders within the context of the calendar.
- [Lot Sizing Options](#)  
 You can control lot sizing when the required quantity is greater than one iteration of the specified lot size. In the Item Location Configuration page, Planning subtab, from the Supply Lot Sizing list, select a Fixed Lot Size or a Fixed Lot Multiple option.  
 Select Fixed Lot Size when you need multiple individual work orders of the specified lot size.  
 Select Fixed Lot Multiple when you need one work order that is equal to a multiple of the specified quantity.
- [Lead Time Offset](#)  
 The new Leadtime Offset field enables you to extend lead-time for an item and location. Enter a lead-time amount into this field to account for any required post-fulfillment activity before the quantity is available for use. For example, handling time or quality inspection.

## Warehouse Management Enhancements

NetSuite 2023.1 includes the following Warehouse Management enhancements:

 **Important:** Use of this feature requires that you install the SCM Mobile and Oracle NetSuite WMS SuiteApps. For more information, see the help topic [NetSuite WMS Setup](#).

- [Ability to Release Multilevel Kit Items in a Wave](#)
- [Bin Handling During Order Picking](#)
- [Updates to Warehouse Management Records](#)
- [HIBC Formats for Item Bar Code Scanning](#)

## Ability to Release Multilevel Kit Items in a Wave

Waves now support kits with kit components. You can add orders for these items to a wave and release them for picking in your warehouse. For more information about items that you can release in waves, see the help topic [Releasing Orders to the Warehouse](#).

## Bin Handling During Order Picking

When you activate the new **Enable bin reporting and blocking** rule, you can block bins that you cannot pick from. For each item that you pick, you can report bins with the reason for blocking, like empty bin or bin used for damaged items. The mobile app removes them from the list of bins that you can pick from for a particular item.

On the NetSuite UI, you can set up email notification when you block a bin. You can also review all the blocked bins per item and choose the ones you want to unblock. If you use the Smart Count app, you can perform a spot count for the blocked bin before you unblock it.

For more information, see the help topic [System Rules for NetSuite WMS](#) or [Picking Orders](#).

## Updates to Warehouse Management Records

Note the updates to the following Warehouse Management records:

- **Lot or serial number on labels for printing** – You can print labels that show the lot or serial number of an item. NetSuite provides the following new label templates:

- WMS Item Label with Lot or Serial
- WMS Pallet Label with Lot or Serial

To set up a label for printing, assign it to a new print report type. Then, associate the report type with the mobile process from which you print item or pallet labels. For more information, see the help topic [WMS Standard Labels for Mobile Printing](#) or [Configuring or Creating Print Report Types](#).

- **Automatic status update for open pick tasks** – NetSuite WMS can now automatically set pick task lines to Done status. After you stage a partially picked item on the mobile app, it automatically updates the status of associated pick task lines. .

To set up, you can activate the new **Automatically mark partial picks as Done** rule for order picking. For more information, see the help topic [Picking Orders](#)

## HIBC Formats for Item Bar Code Scanning

For supported inbound and outbound mobile processes, you can now scan the following HIBC bar code formats:

- Code 128
- Data Matrix

When you scan an item bar code in any of these formats, the mobile app displays or stores its data. For more information and setup instructions, see the help topic [Bar Code Setup for NetSuite WMS](#).

## Manufacturing

NetSuite 2023.1 includes the following enhancements to Manufacturing features:

- [Bill of Materials Support Ending](#)
- [Manufacturing Mobile Stand Alone Assembly Build Reporting](#)
- [Manufacturing Mobile Backflush Logic has been Updated](#)
- [Costed Bill of Materials SuiteApp Now Available](#)
- [Work Instructions and Traveler SuiteApp Now Available](#)

## Bill of Materials Support Ending

With the release of NetSuite 2023.1 Bills of Materials, where components are embedded to an Assembly Item will no longer be supported. Only business critical issues will be fixed. To continue working with this functionality you should transition to the [Advanced Bill of Materials](#) feature, which is free of charge. After you enable this feature, NetSuite will automatically migrate all of your Bill of Materials to the new structure.

## NetSuite Connector

This release note was updated [May 29, 2023](#).

NetSuite 2023.1 includes the following enhancements to NetSuite Connector features:

- [NetSuite Connector Portal Now Hosted on Oracle Cloud Infrastructure \(OCI\)](#)
- [Virtual Variations in NetSuite Connector](#)

## NetSuite Connector Portal Now Hosted on Oracle Cloud Infrastructure (OCI)

The NetSuite Connector portal (<https://app.farapp.com>) is now hosted on Oracle Cloud Infrastructure (OCI). If you have storefronts that are behind a firewall, you need to update the allowed IP addresses. For more information, see the help topic [NetSuite Connector IP Addresses to Safelist \(Allowlist\)](#).

## Virtual Variations in NetSuite Connector

You can now configure virtual variations in the NetSuite Connector portal. For more information about virtual variations, see the help topic [Virtual Variations in NetSuite Connector](#).

## NetSuite CPQ

This release note was updated [July 24, 2023](#).

NetSuite 2023.1 includes the following enhancements to NetSuite CPQ (Configure, Price, Quote):

- [Enhancements to Item Creation Process](#)
- [Updates to Favorites](#)
- [New Options for Editing and Removing Line Items](#)
- [New Option for Importing and Updating Products](#)
- [Updates to Item Creation Record](#)

- [Updates to Composite Image Record](#)
- [Updates to SuiteCommerce Integration](#)
- [New Rule-Based Item Creation](#)
- [Updates to Options Record](#)
- [NetSuite CPQ SuiteApps Now Available](#)

## 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 **Import to Product** field. Then, select the product you want to import in the **Import Product** field and click the **Import** button as usual.

## Updates to Item Creation Record

When the Advanced Bill of Materials feature is not enabled on the account, you can now create assembly items without advanced BOM from the item creation record with NetSuite CPQ Configurator (version 1.1.0). In the **Type** field, select Assembly/Bill of Materials.

## Updates to Composite Image Record

With NetSuite CPQ Configurator (version 1.1.0), the composite image record now includes the **Height** and **Width** fields where you can enter the image size with percentage values. These fields also support the size in pixels by adding px after the number—for example, 10px.

A **CSS** field has also been added to the record to let you customize the image style by adding CSS.

In addition, you can dynamically assign values to these new fields depending on user selections on the interface. To do this, enter question and answer codes separated by the forward slash character and enclosed in curly brackets. For example, {Q/A}. NetSuite CPQ replaces this expression with the corresponding answer value.

## Updates to SuiteCommerce Integration

NetSuite CPQ SuiteCommerce Integration (version 1.1.0) now provides more flexibility when dealing with additional items in the shopping cart. Three options are available:

- **Lock** – Lets users only delete the whole configuration. They cannot remove specific additional items or change their quantities.
- **Allow Change** – Lets users change the quantities of additional items. They still need to delete the whole configuration to remove an additional item.
- **Allow Change Delete** – Lets users remove specific additional items belonging to the configuration and change their quantities.

Go to Commerce > Extensions > Extension Manager and select one of the options from the new **CPQ Cart Mode** field on the **Extensions** subtab.

Previously, you could only delete the whole configuration from the cart to remove an additional item.

## New Rule-Based Item Creation

The new item creation record in the CPQ Configurator SuiteApp enables you to dynamically create items based on rules without the support of actions and code exec functions. You can create any item type available to your account or copy existing items to create new ones when the conditions specified in the rule are met. This feature reduces manual work by automatically creating items only when needed and setting or editing only the fields you want to change.

If the item already exists, you can update it or assign a different name or number to the new item. You can also set or edit item fields and prices with user-friendly wizards that recall the user interface of the item record. After the creation, the new item can be used as a base item, material, or additional item inside a product.

Access this feature by clicking the **Item Creation** subtab on the product record.

## Updates to Options Record

The following fields and settings have been added to the options record in the CPQ Configurator SuiteApp:

- **Clean Unused Configurations Older Than** – To increase the available space in the database, NetSuite CPQ can now automatically remove configurations not associated with any transaction depending on their creation date. Select configurations older than 3, 6, or 12 months.
- **Auto-create missing items** – When you check this box, NetSuite CPQ creates placeholders to replace items that are linked to the product but do not exist in the target account. The linked items can be materials or additional items. You can automatically create missing items when importing products for testing purposes. This feature works only when the **Import links using search by name** option is selected in the **NS links import options** field.
- **Show Configurator Button on Transactions** – The eligible transactions for the **Configure** button are now grouped in a dedicated section with a list where you can select multiple values. Previously, transactions were checkbox options distributed in two separate sections: Hide Configure Button and Additional Transactions.

The options record in the Guided Selling SuiteApp now includes a **Show Guided Selling Button on Transactions** section. This section shows the eligible transactions for the **Guided Selling** button in a list where you can select multiple values. Previously, transactions were checkbox options under the **Transactions** section.

## NetSuite CPQ SuiteApps Now Available

Version 1.0.0 of the NetSuite CPQ SuiteApps is now available for installation from the SuiteApp Marketplace as a shared and managed collection of SuiteApps.

NetSuite CPQ is a front-end sales solution that helps you automate, accelerate, and increase accuracy in the process of configuring, quoting, and ordering complex products and services by leveraging your business logic.

The following SuiteApps are available as part of NetSuite CPQ:

- **NetSuite CPQ Configurator** (version 1.0.0) – Lets you build interfaces where users can configure complex products according to your business logic.
  - **NetSuite CPQ Manufacturing** (version 1.0.0) – Extends the functionality of the Configurator by letting you create work orders from the information entered for materials and routings.
  - **NetSuite CPQ Ecommerce Integration** (version 1.0.0) – Extends the functionality of the Configurator by validating and processing configuration data in the background.
  - **NetSuite CPQ Proposal Generator** (version 1.0.0) – Extends the functionality of the Configurator by letting you create customized documents and templates with HTML and CSS.
- **NetSuite CPQ Guided Selling** (version 1.0.0) – Lets you create ecommerce-like catalogs where you can search for items with advanced filtering tools.
- **NetSuite CPQ SuiteCommerce Integration** (version 1.0.0) – Lets you launch the Configurator from a SuiteCommerce product page and add items to the shopping cart when submitting the configuration.

**Note:** NetSuite CPQ was previously available as a collection of bundles. The NetSuite CPQ SuiteApps will be released in phases to customer accounts. If you already have one or more NetSuite CPQ bundles in your account, please contact NetSuite Customer Support before attempting to install the NetSuite CPQ SuiteApps.

## Order Management

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

NetSuite 2023.1 includes the following enhancements to order management features:

- [Subscription Management: Uplift Percentage at Renewal](#)
- [Subscription Setup: Minimum Amount and Maximum Amount Fields Added to the Price Plan Record](#)
- [Invoice Groups Feature Updates](#)
- [Electronic Bank Payments Enhancements](#)
- [Electronic Invoicing Enhancements](#)
- [Japan Localization Enhancements](#)
- [NetSuite Ship Central Now Available](#)
- [End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC](#)
- [Philippines Invoicing Printing Preferences and Templates Enhancements](#)
- [Singapore Localization Now Available in the SuiteApp Marketplace](#)
- [Support for Customized Footer for Philippines Invoicing](#)
- [Support for Japan Qualified Invoicing System](#)
- [Rebates and Trade Promotions Enhancements](#)

## Subscription Management: Uplift Percentage at Renewal

SuiteBilling users have a new global Invoicing preference, Define Percentage Uplift for Subscription Lines. When you select this preference, NetSuite automatically applies percentage price increases to a customer's renewal pricing.

On the Renewal tab of the subscription plan, SuiteBilling users can now define the default percentage of renewal uplift. The default value acts as a template for the default renewal settings when a new subscription is created. You can now define the percentage uplift to apply to renewal subscription lines

on the original subscription. When the subscription renewal is created, the price plans are automatically updated.

For more information, see the help topic [Renewing a Subscription](#).

## Subscription Setup: Minimum Amount and Maximum Amount Fields Added to the Price Plan Record

SuiteBilling users can use the new Minimum Amount and Maximum Amount fields on the Price Plan record to set an overall minimum and maximum per charge period. If the value computed through the tier setup is below your minimum or above your maximum then these values will be utilized instead. This feature offers flexibility to set an overall minimum and maximum value that will be charged to the customers, but allows the tier structures to be calculated separately.

Only when Advanced Subscription is enabled, the following optional new fields are added to the Price Plan record:

- Minimum Amount
- Maximum Amount

These fields are visible in all channels.

For more information, see [Subscription Setup: Minimum Amount and Maximum Amount Fields Added to the Price Plan Record](#).

## Invoice Groups Feature Updates

Starting in 2023.1, NetSuite allows invoice grouping only for invoices that use the same A/R account. Invoices using different A/R accounts can no longer be in the same invoice group.

You can now view the A/R account information in several locations:

- **Invoice Group record** – Under Primary Information, Account is a required and read-only field. This field is now an invoice grouping criterion to ensure that invoice groups have the same A/R account.
- **Invoice Groups list page** – On the Invoice Groups list page, the Account column indicates the A/R account used in an invoice group.
- **Group Invoices page** – On the Group Invoices page, the Account column shows the A/R account used in each invoice.
- **Invoice Group Search page** – When you create an advanced search for invoice groups, you can do the following:
  - Use the Account filter as a search criterion in the Criteria subtab.
  - Add the Account field in the Result subtab to display the column on the result page.
- **In SuiteAnalytics** – When you create an invoice group dataset, you can use the Account field as a criterion.

For more information, see the help topic [Invoice Groups Management](#).

## Projects

NetSuite 2023.1 includes the following enhancements to Projects features:



- [Project Status Enhancements](#)
- [Percent Complete Override Enhancements](#)
- [Project Cost-to-Cost Percent Complete Now Available](#)
- [Project 360 Dashboard Enhancements](#)

## Project Status Enhancements

When using Charged-Based Billing and Project Revenue Recognition, you can now customize which actions are triggered by the status of your projects. These triggers are also available for custom statuses.

- **Create Actual Charges During Midnight Run** – This box is available when using Charge-Based Billing. Check it to indicate that for projects with this status, actual charges should be created during the midnight run. For the In Progress project status, this box is checked by default.
- **Create Forecast Charges During Midnight Run** – This box is available when using Charge-Based Billing. Check it to indicate that for projects with this status, forecast charges should be created during the midnight run. For the In Progress project status, this box is checked by default.
- **Completely Billed** – This box is available when using Project Revenue Recognition. Check the box to show the **Completely Billed** button at the top of a project record set to this status. Click this button to begin the project revenue reconciliation process. For the Closed project status, this box is checked by default.

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

## Percent Complete Override Enhancements

On project records, the Percent Complete Override subtab now shows the following additional information:

- **Calculated Percent Complete** – This is the system calculated percent complete of the project for the accounting period in row.
- **Period Status** – This shows the current status of the accounting period for each row. The status can be either Open, Locked, or Closed.
- **Revenue Recognition Plans** – This shows the total amount from actual revenue plans for the project.

This information enables project managers to see the system calculations when entering percent complete overrides for ongoing projects. Previously, the Percent Complete Override subtab only listed the override values.

In addition, a new preference is available on project status records to enable automatic percent complete recalculation. Check the Percent Complete Automatic Recalculation box to prompt NetSuite to recalculate the percent complete every eight hours for projects with this status. For the In Progress project status, this box is checked by default.

You can also manually trigger a percent complete override recalculation from the Actions menu at the top of project records.

For more information, see the help topic [Using the Percent Complete Override Subtab](#).

## SuiteAnalytics

This release note was updated [July 3, 2023](#).

NetSuite 2023.1 includes the following enhancements to SuiteAnalytics:

- [Enhancements to Cached Data Documentation](#)
- [Filters Available in the Analytics Portlet](#)
- [Changes to SuiteQL Builtin.Hierarchy\(\) Function](#)
- [Accessibility of Measure-Related Functions in Workbook Visualizations](#)
- [Windows Server 2012 R2 No Longer Supported for SuiteAnalytics Connect](#)
- [Enhancements to Connect Driver Download Page](#)
- [Viewer Role Added to the NetSuite Analytics Warehouse User Management Page](#)
- [New Reset Functional Areas Button in NetSuite Analytics Warehouse](#)
- [Advanced SaaS Metrics Now Available](#)

## Enhancements to Cached Data Documentation

When you enable Cached Response mode for your datasets and workbooks, the associated datasets, workbooks, and Analytics portlets display cached data. However, some changes to a dataset require loading real-time data, even if Cached Response mode is enabled. The cached data documentation now describes which changes require loading real-time data and how you can work with cached data in these cases.

For more information, see the help topic [Working with Cached Response Mode](#).

## Filters Available in the Analytics Portlet

Previously, you could not modify filters on the Analytics portlets added to your personalized dashboard. Now, you can filter the data shown in your Analytics portlets, as well as modify filters applied from the Workbook UI.

For more information, see the help topic [Viewing Workbook Data in the Analytics Portlet](#).

## Changes to SuiteQL Builtin.Hierarchy() Function

There are new limitations to consider when using Builtin.hierarchy in conjunction with the parent level parameters. BUILTIN.HIERARCHY(parent, 'LEVEL') can sometimes produce inconsistent results if the depth of the parent field is directly connected to the base order. The level value will be taken from  $n-1$  instead of  $n$ , where  $n$  represents the depth of the parent.

For more information, see the help topic [SuiteQL Limitations and Exceptions](#).

## Accessibility of Measure-Related Functions in Workbook Visualizations

When you work with workbook visualizations, you can now do the following:

- For chart and pivot table visualizations, you can set measure-based filters from the Layout Panel. Click the Field Menu icon next to a measure. For more information, see the help topic [Measure-based Filters](#).
- For pivot table visualizations, you can access all measure-related options directly from the Pivot Table Viewer. Click the Field Menu icon on the measure grand total column.

## Windows Server 2012 R2 No Longer Supported for SuiteAnalytics Connect

All NetSuite accounts are being moved to Oracle Cloud Infrastructure (OCI). Due to this change, Windows Server 2012 R2 is no longer supported for SuiteAnalytics Connect. If you are using SuiteAnalytics Connect with Windows Server 2012 R2, you must upgrade to a later version of Windows Server.

For more information about the supported Windows versions, see the help topic [Supported Windows Versions](#).

## Enhancements to Connect Driver Download Page

Some visual and functional enhancements have been made to the Connect driver download page.

Previously, you could only see the latest driver version available and the SHA256 checksum value for each driver type. Now, you can see additional details of the latest driver version, such as the release date. Also, you can click View Driver Details to view a detailed description of the driver version in the Help Center.

Using the new Connect driver download page, you can now see all of the previous driver versions that have been released by expanding the Previous Versions section. Previous driver versions also include the release date, the version number, and the View Driver Details link to view a detailed description of the driver version in the Help Center. Only the latest driver version for each driver type is available for download.

Driver versions that have been recently made available for download are shown with the New badge next to the driver version. The badge is removed 60 days after the driver version is made available for download.

For more information about the details of all Connect driver versions, see the following topics:

- [ODBC Drivers](#)
- [JDBC Drivers](#)
- [ADO.NET Drivers](#)

For more information about the new Connect Driver Download page, see the help topic [Connect Driver Download Page](#).

## Viewer Role Added to the NetSuite Analytics Warehouse User Management Page

The Viewer role is now available in NetSuite Analytics Warehouse. Previously, when adding users to the Analytics Warehouse, you could specify if the user had administrator access. Now, you can select the Admin role, Author role, or Viewer role. For more information, see the help topic [Adding Users to NetSuite Analytics Warehouse](#).

## New Reset Functional Areas Button in NetSuite Analytics Warehouse

You can now transfer all data from your active functional areas to NetSuite Analytics Warehouse by clicking the new Reset Functional Areas button. For more information, see the help topic [Setting Up the Data Transfer](#).

## SuiteApps (Bundles) Released by NetSuite

NetSuite 2023.1 includes the following enhancements to SuiteApps released by NetSuite:

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

## Accounting SuiteApps

This release note was updated [July 17, 2023](#).

Following are the 2023.1 accounting enhancements to SuiteApps:

- [Fixed Assets Management Enhancements](#)
- [Expense Commitments and Budget Validation Enhancements](#)
- [Indirect Cost Allocation for Grants SuiteApp Now Available](#)
- [Indirect Cost Allocation for Grants Enhancements](#)

## Fixed Assets Management Enhancements

The following enhancements are available in Fixed Assets Management version 23.1:

- [Quarterly and Semiannually Rental Frequency Options for Lease](#)
- [Enhanced Asset Split](#)

## Quarterly and Semiannually Rental Frequency Options for Lease

The Fixed Assets Management SuiteApp version 23.1 introduces two additional rental frequency options for lease – Quarterly and Semiannually. On the Lease record page, you can select these options from the **Rental Frequency** list. You can also choose to automatically generate lease payments and calculate the net present value and interest for the new rental frequencies.

Modifying lease records with a quarterly or semiannually rental frequency is currently not possible in Fixed Assets Management version 23.1.

For more information, see the help topic [Creating a Lease Record](#).

## Enhanced Asset Split

The Asset Split feature in Fixed Assets Management version 23.1 now enables you to split assets into multiple records in one transaction. On the Asset Split Details subtab, you can specify the quantity of assets for each record that will be generated after the split. Values for the generated assets are calculated based on the split quantity, but you can also change these values.

To ensure optimum performance, the Split sublist can contain a maximum of 120 rows.

To track assets that were generated from a split transaction, the system creates a User Note in the generated asset records. The note contains information about the source asset ID and the FAM process record ID.

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

## Expense Commitments and Budget Validation Enhancements

The Expense Commitments and Budget Validation SuiteApp version 1.1.2 includes the following updates:

- **Enhanced Performance in Budget Validation** – The new version of SuiteApp will let you save a transaction record with a maximum of 50 lines without a page timeout error.
- **Roll over budget** – You can now roll over unused budgets from the previous budget period to the current period.

To roll over unused budget when creating a new expense transaction, check the **Roll Over Budget** box under the Primary Information section on the record.

- **Support for different budget methods** – Aside from Monthly, the SuiteApp now supports the following budget methods:
  - Quarterly
  - Yearly
  - Custom – For this method, you must enter the start date and end date manually.

For more information, see the help topic [Expense Commitments and Budget Validation](#).

## Indirect Cost Allocation for Grants SuiteApp Now Available

The Indirect Cost Allocation for Grants SuiteApp is now available for installation from the SuiteApp Marketplace as a public and managed SuiteApp.

The Indirect Cost Allocation for Grants SuiteApp 1.0.0 has the following features:

- Enables organizations to enter a provisional or agreed rate for each grant.
- Tags which direct costs on the grant are allowable according to the grant agreement and specify any dollar limits.
- Automatically calculates the indirect costs and post them to the grant for each month.
- Displays the total costs incurred on the grant and the indirect costs at any given time.

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

## Indirect Cost Allocation for Grants 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 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 <b>ICA Customer</b> dropdown list in the Indirect Cost Allocation Method and Rates page.
ICA Rate Source	To map the source field for <b>ICA Rate</b> 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 <b>ICA Customer</b> 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 will appear after selecting a value for the <b>ICA Customer</b> field. A dropdown field for selecting a default item for your selected customer.

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

## Administration SuiteApps

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

Following is the 2023.1 administration enhancement to SuiteApps:

## Removal of Application Performance Management 1.14.0 and Earlier Versions

As of March 7, 2023, you can no longer use Application Performance Management (APM) SuiteApp version 1.14.0 and earlier versions to manage the performance of your customizations. As of NetSuite 2021.1, APM SuiteApp versions that were installed from the Search & Install Bundles page stopped receiving new features and updates.

After these versions are removed, you can no longer access APM SuiteApp pages by going to Customization > Performance (SuiteBundler). When you do, you will be directed to install the latest version of the APM SuiteApp from the SuiteApp Marketplace.

To continue using the APM tools, install the latest version of the APM SuiteApp from the SuiteApp Marketplace and then uninstall the earlier version.

When you have the APM SuiteApp installed from the SuiteApp Marketplace, you can access its pages by going to Customization > Performance. The latest version of the APM SuiteApp includes the following new and updated features:

- New REST Web Services Analysis page
- SOAP Web Services Analysis page changes
- Record Pages Monitor filter, sorting, and response time value updates

For more information, see the following help topics:

- [Installing the APM SuiteApp from the SuiteApp Marketplace](#)
- [Uninstalling a Bundle](#)

## Banking SuiteApps

This release note was updated [May 29, 2023](#).

Following is the 2023.1 banking enhancement to SuiteApps:

- [Cash 360 Enhancements](#)
- [Improved CSV Bank Statement File Parsing](#)
- [Payment Automation for HSBC Now Generally Available](#)
- [Support Two-Factor Authentication for Bank Statement Import](#)
- [Transaction Type Mapping to Payer/Payee Field in CAMT.053 Parser](#)

## 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 chart of accounts with the type bank for your subsidiary 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](#).

## Improved CSV Bank Statement File Parsing

In version 23.1.0 of Bank Statement Parsers SuiteApp, you no longer need to manually remove the time, time zone, and footer from your CSV bank statement file before importing. The parser automatically removes them to lessen errors typically caused by manual editing.

The time and time zone of the transaction are removed because only the transaction date is needed for bank reconciliation.

If your bank statement has footer lines, you can configure the parser to automatically remove them. Before importing a file, specify the number of footer lines to remove. A new **Footer Lines** field has been added to the Parser Configuration subtab of your format profile, under the Formatting Preferences subtab.

For more information, see the help topic [Configuring CSV Parser](#).

## Payment Automation for HSBC Now Generally Available

The Payment Automation SuiteApp version 1.2.0 is now generally available for installation from the SuiteApp Marketplace.

Payment Automation lets you automate all your vendor payments from within NetSuite, and pay your suppliers by checks, virtual cards, and ACH.

### Benefits of the Payment Automation SuiteApp:

1. **Enjoy one integrated solution**
  - Manage your AP processes in your NetSuite account
  - Better control of outgoing cash flows
  - Easily scale end-to-end AP processes
2. **Save time and money**
  - Cut back on manual processing time
  - Replace manual data entry
  - Streamline AP processes
3. **Improve working capital with Virtual Card payments**
  - Optimize cash flow by making payments through extended credit
  - Earn 1% cash back on all eligible virtual card spend
4. **Reduce fraud and human error**



- Define and apply strict rules and approval workflows
- Helps you to catch fraudulent invoices before they are paid
- Avoid sharing sensitive financial data with suppliers
- 5. **Improve visibility and control**
  - Monitor, track, and analyze each stage of the AP process
  - Gain insights to make better decisions
- 6. **Automate reconciliation processes for fewer errors**
  - Eliminate error-prone manual reconciliation
  - Enable a faster financial close

The SuiteApp is available only in the United States, and the only supported currency is the US dollar (\$).

The Payment Automation SuiteApp is a paid SuiteApp that is a part of the AP Automation module, which also includes the Bill Capture feature. For information about the Bill Capture feature, see the help topic [Email or Upload Vendor Bill Files Into NetSuite Using Bill Capture](#).

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

## Support Two-Factor Authentication for Bank Statement Import

With Auto Bank Statement Import SuiteApp version 23.1.0, you can now automatically import bank statements from financial institutions that require two-factor authentication.

To authenticate your two-factor Secure File Transfer Protocol (SFTP) connection in NetSuite, go to the Parser Configuration subtab of your format profile and enter the following information:

- Password
- Digital Certificate or Private Key

For more information, see the help topic [Configuring SFTP Connection for Auto Bank Statement Import](#).

## Transaction Type Mapping to Payer/Payee Field in CAMT.053 Parser

The Bank Statement Parsers SuiteApp version 22.2.0 includes an update to the Payer/Payee mapping hierarchy and a new column on the Parser Configuration subtab.

The updated mapping hierarchy ensures that the system sources the correct payer or payee name from your bank statement file based on the transaction type. Prior to this version, the system's Payer/Payee mapping hierarchy does not recognize the transaction type when parsing a CAMT.053 statement file. This behavior then results in an incorrect payer or payee name.

The new column labeled **Transaction Type** is added on the Parser Configuration subtab of the format profile page. By default, each Payer/Payee NetSuite field mapping is assigned to either Debit or Credit transaction type based on the system's Payer/Payee hierarchy.

For more information, see help topic [Configuring CAMT.053 Parser](#).

## Inventory Management SuiteApps

This release note was updated [July 17, 2023](#).

Following are the 2023.1 inventory management enhancements to SuiteApps:

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

## SCM Mobile Enhancements

NetSuite 2023.1 includes the following SCM Mobile enhancements:

- [Ability to Add Custom Fields Through Configuration](#)
- [Custom Columns on Search Grids and Multiselect Tables](#)
- [Ability to Select Pages to Print](#)

### Ability to Add Custom Fields Through Configuration

Previously, you can add custom fields through mobile customization only. Now you can add them to standard processes through mobile configuration. The fields that you set up must belong to the following page element types: Text Box, Dynamic Text, or Drop Down.

### Custom Columns on Search Grids and Multiselect Tables

For custom mobile processes, mobile customization enables you to add columns to the following table elements: search grids and multiselect tables. On the mobile app, you can hide or show your additional columns for viewing. For more information, see the help topic [Adding Columns to Table Elements](#).

### Ability to Select Pages to Print

When you print or reprint a document, you can now specify the page numbers or a page range. Note that this enhancement does not apply to ZPL printers for labels.

To set up, you must check the **Enable selective page printing** box on print report types for your documents. For more information, see [Configuring or Creating Print Report Types](#)

## Smart Count Enhancements

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](#).

Smart CountSuiteApp version 3.0.0 includes the following enhancements:

- [Enhancements to the Smart Count Preferences Page](#)
- [Enhancements to the Smart Count Review Page](#)
- [Enhancements to the Count Configuration Page](#)
- [Item Count Record Information Included in the Memo Field](#)

- [Placement of the Quantity Field Changed on the Count Page](#)
- [Enhancements to the Task List](#)

## Enhancements to the Smart Count Preferences Page

The Smart Count Preferences page now enables you to set the following preferences:

- **Account for Spot Count Variance** – Lets you select an account to post quantity variance for spot counted items.
- **Complete and Next** – Lets you display the **Complete and Next** button on the count page. When you click this button, the SuiteApp displays the count page for the next item on the task list that is available for count or recount.
- **Enable Advanced Bar Code Scanning** – Lets you scan GS1 bar codes when counting items.
- **Ignore Serial Number Until Variance** – Lets you count a serialized item without entering the serial numbers unless the item has quantity variance. When you set this preference, the **Scan or Enter Serial Number** field on the count page remains hidden at count start. The SuiteApp prompts you to validate the serial numbers when you try to complete an item count that has quantity variance.
- **Ignore Lot Number Until Variance** – Lets you count a lot numbered item without entering the lot numbers unless the item has quantity variance. When you set this preference, the **Scan or Enter Lot Number** field on the count page remains hidden at count start. The SuiteApp prompts you to validate the lot numbers when you try to complete an item count that has quantity variance.

To set these preferences, go to Setup > Smart Count > Preferences.

## Enhancements to the Smart Count Review Page

The Smart Count Review page includes the following enhancements:

- You can now enter comments when approving, rejecting, or marking items for recount in the new **Comments** popup window. The SuiteApp displays the comments on rejected item counts and items marked for recount on the task list.
- The task list now removes the canceled item counts that are 30 days old from the Smart Count Review page.

To review item counts, go to Transactions > Smart Count > Count Review.

## Enhancements to the Count Configuration Page

The Count Configuration page now includes the following enhancements:

- The **Saved Search for Item List** field on the Count Configuration page now includes the following search types to create count configuration records.
  - Inventory Balance
  - Transaction
- The SuiteApp now updates the next inventory count date for custom count configuration records. To update the next inventory count date, you must enter values in the **Next Inventory Count Date** and **Inventory Count Interval** fields on the Item Location Configuration page.

To create a count configuration record, go to Setup > Smart Count > Count Configuration.

## Item Count Record Information Included in the Memo Field

The **Memo** field on the following pages now displays information about the associated item count record:

- Bin Adjustment
- Inventory Adjustment
- Inventory Transfer

## Placement of the Quantity Field Changed on the Count Page

The **Quantity** field is now placed after the **Scan or Enter Serial Number** and **Scan or Enter Lot Number** fields on the count page.

## Enhancements to the Task List

The task list now includes the following enhancements:

- The Administrator role now has access to the task lists of all the subsidiaries in the administrator's account.
- The SuiteApp now removes the approved item counts from the task list.

To access a task list, go to Setup > Custom > Mobile – App > Smart Count.

For more information, see the following help topics:

- [Setting Up Smart Count Preferences](#)
- [Creating Count Configuration Records](#)
- [Working with Smart Count Review](#)
- [Performing Inventory Count on Mobile Devices](#)

Smart Count SuiteApp version 2.0.0 includes enhancements that enable you to:

- Perform real-time inventory count for lot numbered and serialized items.
- Provide comments when you approve, reject, or recount lot numbered and serialized items' count records. You can view comments on the task list of counters.
- View updates to bin transfer and location transfer records associated with an item on the item's count record.

The Smart Count SuiteApp is a paid SuiteApp. To get access to the SuiteApp, contact your NetSuite account manager.

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

## Quality Management Enhancements

NetSuite 2023.1 includes support for the following enhancements to the Quality Management SuiteApp:

### Generate Outsourced Manufacturing Item Inspection Queues

The Quality Management SuiteApp enables you to automatically generate an inspection queue on receipt transactions for outsourced manufacturing items. You can also manually start an ad hoc inspection queue for receipt transactions.

### Generate Ad Hoc Inspection Queues for Multiple Lots and Serial Numbers

The Quality Management SuiteApp enables you to generate ad hoc inspection queues for:

- Available inventory by selecting the corresponding lot numbers for multiple item lots.
- Available inventory for item lots by checking the **All Available Lots** box.
- Multiple item serial numbers by selecting the corresponding serial numbers.

## Generate Inspection Queue Scheduling for Inventory Items

This capability supports only Without Transaction Reference ad hoc inspections.

The Quality Management SuiteApp enables you to check the new **Schedule Ad Hoc Request** box to generate inspection queues in regular intervals to evaluate the quality check of inventory.

## Item 360 Dashboard

Item 360 Dashboard SuiteApp includes the following features and enhancements in 2023.1:

- [Item 360 Dashboard Now Available](#)
- [Item 360 Dashboard SuiteApp Version 1.1.0](#)

## Item 360 Dashboard Now Available

The Item 360 Dashboard SuiteApp provides real-time and concise overview of an item's current status. The SuiteApp lets you view all current transactional data that is impacting the item along with related alerts that help you make informed decisions.

It drills down to item transaction details from the following focus pages:

- [Item Overview Page](#)
- [Inventory Page](#)
- [Purchasing Page](#)
- [Manufacturing Page](#)
- [Sales Page](#)

The screenshot displays the 'Item Overview : Blue Bicycle' dashboard. On the left, a sidebar shows navigation options: Inventory, Purchasing, Manufacturing, and Sales. The main content area is divided into two sections. The 'Item Alerts (61)' section on the left lists several alerts, including 'Order Delay (57)' with details for various sales orders (e.g., SO#11, SO#18, SO#22, SO#12, SO#19, TO#34, SO#31) and their respective due dates. The 'Item Information' section on the right provides key details for the 'Blue Bicycle' item, such as Description (Leader Scout MTB 26T M...), Type (Assembly), Base Unit (ea), Last Count Date, Purchase Description, Preferred Location, Preferred Vendor, Manufacturer, Primary Stock Unit (Each), Consumption Unit (Each), Purchase Unit (Each), and Sales Unit (Each). A large image of a blue bicycle is shown on the right side of the dashboard.

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

## Item 360 Dashboard SuiteApp Version 1.1.0

Item 360 Dashboard SuiteApp version 1.1.0 includes the following updates:

- **View Required Portlets in Item 360 Dashboard:** Item 360 Dashboard SuiteApp now only displays portlets and the associated columns dynamically based on the features enabled in your accounts or selected item type. For example, if the searched item is not a lot item, then the Inventory by Lot portlet will not appear on the Inventory page.
- **New Portlets on the Purchasing page:** The **Purchasing** page now includes the following new portlets:
  - Open Purchase Contracts
  - Open Quote Requests
  - Open Requisitions
 For more information, refer [Purchasing Page](#).
- **New Portlets on the Sales page:** The **Sales** page now includes the following new portlets:
  - Open Opportunities
  - Item Demand Plans
  - Return Material Authorizations
 For more information, refer [Sales Page](#).
- **Kit Sales Charts on the Analytics page:** The Analytics sub page within the Sales page has two newly added charts as a part of Kit Sales:
  - Sales within Kits
  - Sales by Kit
 For more information, refer [Sales Page](#).
- **Enhancements in Existing Charts :** The following enhancements are for the Gross Sales & Volume, Net Sales & Volume charts in the Analytics sub page within the Sales page:
  - The charts now display last two years data by default. Data for the current year data up to the current month, are also included.
  - The charts now display the total sales or quantity of items sold for the period you select in the filter.
  - You can now view sales charts of the item across multiple subsidiaries.
- A new portlet, **Open Quality Inspections**, is added to the Quality page. To use the portlet, the Quality Management System bundle must be installed in your account. For more information, refer [Quality Page](#).
- A new read-only field, **Last Job Run**, on the Item Alerts Dashboard displays the latest timestamp of the MR Scheduled script for updating total alerts count. For more information, refer [Item Alerts Dashboard](#).
- The inbound portlets now include **Return Material Authorization** transactions.
- Improved auto search capability using item description on the **Item Overview** page.
- The portlet in focus is always displayed on the center of the page.
- The SuiteApp is now supported for Safari browser.
- Inventory History sub page now includes inventory adjustments where the portlet can be filtered based on date and type of transaction.

## Localization SuiteApps

This release note was updated [June 26, 2023](#).

Following are the 2023.1 localization enhancements to SuiteApps:

- [ANZ Localization Enhancements](#)

- Belgium Localization Enhancement
- Brazil Localization
- Brazil Reports
- Canada Sales Tax Reports Enhancements
- Country-Specific Address Forms Enhancements
- Country-Specific Reports Hierarchical View of Accounts
- End of Support for Singapore GST F5 Report in SuiteTax Country Tax Reports APAC
- GL Matching Enhancement
- India Localization Enhancements
- Japan Localization Enhancements
- Japan Fixed Assets Reports Enhancements
- Support for Japan Qualified Invoicing System
- LATAM File Builder
- Philippines Invoicing Printing Preferences and Templates Enhancements
- Portugal Invoice Certification Enhancements
- Portugal Localization Enhancements
- Portugal SAF-T Enhancements
- Singapore Localization Now Available in the SuiteApp Marketplace
- SuiteTax Latam Engine
- SuiteTax Latam Engine - Brazil Records
- SuiteTax Latam Engine - Colombia Records
- Support for Customized Footer for Philippines Invoicing
- U.S. Sales Tax Reports for SuiteTax

## ANZ Localization Enhancements

ANZ Localization SuiteApp version 2.0.4 includes the following enhancements:

- Enhancements to the Payment Times Report (PTR) Configuration Page
- Additional Information on the Payment Times Summary Report
- Updated ANZ Localization Preferences Setup
- Enhancements to the Supplier ABN List Report Page

## Enhancements to the Payment Times Report (PTR) Configuration Page

The Payment Times Report (PTR) Configuration page includes the following enhancements:

- **Approver Details sublist of multiple approvers and their details**  
You can now add up to three approvers and their details to the new **Approver Details** sublist. The approver fields in the Submission and Approval Information section, which remain dimmed, will be removed in future releases of the SuiteApp. Therefore, you must copy existing approver details from the Submission and Approval Information section or add at least one approver to the **Approver Details** sublist. To ensure approver details appear on the PTR, the sublist must have at least one approver.
- **System Information subtab containing system notes on fields and subtabs of the PTR Configuration page**

You can now view system notes related to fields and subtabs of the PTR Configuration page on the new **System Information** subtab. You can filter system notes based on the values you select from the **Fields** and **Subtab** list.

## Additional Information on the Payment Times Summary Report

You can now view the following additional information on the Payment Times Summary report. This report is a drill through per payment bracket of the Payment Times Report.

- Address 1
- Address 2
- City
- State
- ZIP

## Updated ANZ Localization Preferences Setup

You can set up the **ABN and NZBN verification** warning only from the ANZ Localization Preferences page using the Administrator role. In addition, the **Allow Override** box has been removed from the ANZ Localization Preferences page.

## Enhancements to the Supplier ABN List Report Page

The Supplier ABN List Report page includes the following enhancements:

- New **Report Period** field that enables you to filter suppliers with fully paid bills within the selected range.
- The generated supplier list now excludes suppliers that are marked to be excluded from the PTR.

For more information, see the following help topics:

- [Setting Up ANZ Localization Preferences](#)
- [Payment Times Report Configuration](#)
- [Generating a Supplier ABN List Report](#)
- [Viewing the Payment Times Summary Report](#)

## Belgium Localization Enhancement

Belgium Localization SuiteApp version 2.2.0 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.

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

## Brazil Localization

The Brazil Localization SuiteApp enables you to comply with accounting, invoicing, and financial requirements from Brazil.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a shared and managed SuiteApp.



The Brazil Localization SuiteApp provides the following features and capabilities:

- **Localized records** – Set up subsidiaries, customers, vendors, items, taxes, and other records with information required by Brazilian authorities.
- **Electronic invoicing for Brazil** – Generate and send e-documents for certification to Brazilian tax authorities.
- **Localized transactions** – With transactions tailored for Brazilian business needs, you can cancel e-documents, submit corrections, send and receive deliveries, and return and import goods.
- **Electronic bank files** – Make and receive installment payments, charge fines and interests, generate and import electronic bank files, and generate bank slips.

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

## Brazil Reports

The Brazil Reports SuiteApp enables you to comply with Brazilian reporting requirements.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a shared and managed SuiteApp.

The Brazil Reports SuiteApp enables you generate the reports you must send to the government. The SuiteApp also provides localized reports that you can leverage to monitor journal entries, balances, income, and transactions for Brazil.

With Brazil Reports, you can generate the following types of reports:

- Accounting reports
- Financial statements
- Fiscal books
- Tax assessment reports
- Statutory reports
- Auxiliary reports

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

## Canada Sales Tax Reports Enhancements

In Canada Sales Tax Reports version 1.0.4, you can view General Ledger by clicking the new **View General Ledger** button on the GST34 Worksheet report.

For more information, see the help topic [Canada GST Report: GST34 Worksheet](#).

## Country-Specific Address Forms Enhancements

The Country-Specific Address Forms version 1.05.0 provides custom address forms for the following additional countries:

- Austria
- Belgium
- Germany
- Japan
- Luxembourg

- Netherlands
- Singapore
- Switzerland

For more information, see the help topic [Country-Specific Address Forms](#).

## Country-Specific Reports Hierarchical View of Accounts

In version 1.05.0, you can enable a hierarchical view of the accounts in your report. Instead of a list, the report displays the accounts included in a variable based on the parent-child hierarchy in your Chart of Accounts. Adding the macro for the hierarchical view to your report's HTML/XML template is required.

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

## 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](#).

## GL Matching Enhancement

GL Matching SuiteApp version 2.03.8 includes enhancements to the **GLM - UE - Hide Tab** script. The script has been renamed to **GLM - UE - Hide Subtab**. Additionally, the script's performance has been optimized to reduce the loading time of records.

For more information, see the help topic [GL Matching Dashboard Management](#).

## India Localization Enhancements

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 Engine SuiteApp version 4.00.0 includes the following new features:

- **Customized notifications based on scenarios for India localization features**  
You can now send customized notifications for India localization features such as GST tax rate rules and LUT bond and details. You can create scenarios using predefined criteria, and then assign the scenario to GST tax rate rules and LUT bond and details. When a scenario occurs, the SuiteApp automatically sends an email notification to your registered recipients. You can also define the email content and list of recipients to customize the notification.
- **TCS on cash sale and invoice transactions**  
You can now calculate Tax Collection at Source (TCS) on cash sale and invoice transactions using TCS tax rate rules. To calculate TCS, create unique TCS tax rules and apply the rules to transactions.

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

## Japan Localization Enhancements

Japan Localization SuiteApp version 2023.1.2 includes the following new features and enhancements:

- **Enhancements to Vendor Records**  
Vendor records with Japan subsidiaries will have a new box called **Qualified Invoice Issuer** that you can check to specify that a vendor is exempt from consumption or purchase tax. Doing so will automatically check the same box on the transactions (vendor bill and vendor credit) of the vendor. The Qualified Invoice Issuer box is only displayed on vendor records with Japan subsidiaries.  
Another new field is added to vendor records, the Tax Registration Number, where you can enter the vendor's **Tax Registration Number**. This field becomes required if the Qualified Invoice Issuer box is

checked. Entering the Tax Registration Number on a vendor record automatically enters it in the same field on the transactions of the vendor.

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

#### ■ **Deductible Tax Rates on Tax Codes**

A new **Tax Deductible** field on Tax Code records enables you to specify a deductible tax rate. Either **100%**, **80%**, or **50%** deductible rate can be selected in the field. When you use or apply the tax code to a transaction, the deductible rate you selected will be the percentage of tax exemption that your company can claim.

For more information, see the help topic [Specifying Deductible Rate on Tax Code Records](#).

#### ■ **Classification Fields for Enabling Invoice Summary Tax Adjustment**

The classification fields **Department**, **Location**, and **Class** are added on the **Japan Localization Setup** subtab of Japan subsidiaries, and on the Company Information page for accounts without OneWorld. Specifying either a Department, Location, or Class is required if you enable invoice summary tax adjustment features.

For more information, see the help topics [Japan Localization Setup](#) and [Enabling Invoice Summary Tax Adjustment](#).

#### ■ **Custom Fields for Credit Memo PDF Template**

New custom fields **Document Title of Credit Memos**, **Greeting on Credit Memos**, and **Company Seal on Credit Memos** are added, where you can enter details that will be displayed on the PDF printout of credit memos. The fields are under the **Custom Advanced PDF Template** section, on the **Japan Localization Setup** subtab of Japan subsidiaries, or on Company Information page for accounts without OneWorld.

For more information, see the help topic [Using Custom PDF Templates for Custom Transaction Forms](#).

## Japan Fixed Assets Reports Enhancements

Japan Fixed Assets Reports SuiteApp version 2.0 includes the following new features:

#### ■ **New DATR Custom Role**

You can assign the new DATR Custom Role to users who do not have the Administrator or Accountant role but need to do the following tasks:

- View or edit generated reports and records, as well as FAM Assets
- Generate the Depreciable Asset Report and Depreciable Asset Tax Report
- Create depreciable asset records from FAM asset records

For more information, see the help topic [Roles for Using the Japan Fixed Assets Reports SuiteApp](#).

#### ■ **Support for CSV Import**

You can now use the CSV import feature in NetSuite to add or update multiple DATR Depreciable Asset records at one time.

For more information, see the help topic [Importing DATR Depreciable Assets Using CSV Import](#).

#### ■ **Enhancement to DATR Municipal Information Page**

The following options on the Municipal Information page are renamed and shown as check boxes instead of dropdown fields:

Old Label	New Label
Approval for Abbreviated Useful Year	Approved Useful Period of Asset
Notification of Increased Depreciation	Notify for Increase in Depreciation

Old Label	New Label
Existence of Non-taxable Assets	Non-taxable Assets
Exceptions for Standard Taxation	Standard Tax Exemption
Existence of Leased Assets	Leased Assets
Existence of Blue-Form Return	Blue-form Return

You can check the corresponding boxes of features, records, and settings that are enabled or existing in your account.

For more information, see the help topic [Specifying Municipal Information](#).

#### ■ **Enhancement to FAM Asset Record**

After you create a depreciable asset record from a FAM record, NetSuite makes the following updates to the source FAM record:

- The Create Depreciable Asset button is hidden because the depreciable asset is already created.
- The **Link to Depreciable Asset** field is added on the FAM record. You can click it if you want to view the corresponding depreciable asset record.

For more information, see the help topic [Creating Depreciable Asset Records from FAM Asset Records](#).



**Important:** Fixed Assets Management (FAM) SuiteApp version 23.1 is a prerequisite for Japan Fixed Asset Reports version 2.0. If your account does not have Fixed Assets Management version 23.1, the automatic update to version 2.0 of Japan Fixed Assets Reports SuiteApp will fail.

## Support for Japan Qualified Invoicing System

Japan Localization SuiteApp version 2023.1 supports compliance with the Japan Qualified Invoicing System, which starts in October 2023.

To use the new features, check the **Apply Invoice Summary Tax Adjustment** box on the **Japan Payment Terms** subtab on customer records. Then, select an adjustment item to use in the **AR Debit/Credit Adjustment Item** field on the **Japan Localization Setup** subtab for OneWorld accounts or the Company Information page for accounts without OneWorld.



**Note:** The features for Japan Qualified Invoicing System only works if the **Use Invoice Summary** box is checked, and Include All Transactions of Subcustomers is cleared (do not use a consolidated invoice summary).

For more information, see the help topic [Support for Japan Qualified Invoicing System](#).

Features supporting compliance with the Japan Qualified Invoicing System include the following:

#### ■ **New computation for total consumption tax in the invoice summary**

In the invoice summary, total consumption tax is the sum of all tax amounts that have the same tax rate, multiplied by the applicable tax rate. This is different from the previous computation of consumption tax that only adds the tax amounts of all the transactions included in the invoice summary.

For more information, see the help topic [Computation of Total Invoice Summary Tax](#).

#### ■ **AR Debit/Credit tax adjustment**

The difference in the invoice summary tax total and the added tax amounts of transactions is reconciled by debiting or crediting it to the account of the adjustment item selected in **AR Debit/Credit Adjustment Item**.

For more information, see [AR Debit/Credit Tax Adjustment](#).

- **Compliance with qualified invoice storage method**

Invoice summaries generated by the Japan Localization SuiteApp now includes the Tax Registration Number, Tax amount by tax rate, and Customer Name, to comply with the qualified invoice storage method.

For more information, see the help topic [Compliance with Qualified Invoice Storage Requirements](#).

- **Invoice Date field on Credit Memos**

The credit memo standard form now has the **Invoice Date** field that is displayed if a credit memo is created from an invoice.

For more information, see the help topic [Enhancement to Credit Memos](#).

- **Changes to Default PDF Templates for Custom Transaction Forms**

The PDF templates for Japan custom transactions have been updated to include the Tax Registration Number and Customer Name on the PDF printouts as required by the Qualified Invoicing System.

For more information, see the help topic [Changes to Default PDF Templates for Custom Transaction Forms](#).

## LATAM File Builder

The LATAM File Builder SuiteApp enables you to build dynamic file layouts to generate and import electronic data files in NetSuite.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a public and managed SuiteApp.

You can leverage the LATAM File Builder SuiteApp to comply with business and legal requirements, such as accounting reports and bank payment files.

For more information, see the help topic [LATAM File Builder](#).

## Philippines Invoicing Printing Preferences and Templates Enhancements

The Southeast Asia Localization SuiteApp version 5.00.0 includes the following enhancements:

- [Support for Multiple Currencies](#)
- [Philippines Printing Preferences Update](#)
- [Print Address on Forms Preferences](#)
- [Bar Codes and Item Labels Feature](#)
- [Combined PDF and HTML Templates](#)

### Support for Multiple Currencies

Support for multicurrency is now available for Philippines invoicing transactions. This feature lets you create transactions for foreign customers and vendors with whom you do business.

For more information, see the help topic [Enabling the Multiple Currencies Feature](#).

### Philippines Printing Preferences Update

The following printing preferences are now supported for Philippines invoicing:

- Print Remittance Form With Invoices & Statements
- Print Transaction Forms Landscape
- Print Discount and Shipping Lines in Columns
- Use Location Address on Forms

To set your printing preferences, go to the Printing & Fax Preferences page (Setup > Company > Preferences > Printing & Fax).

For more information, see the help topics [Printing](#) and [Setting Printing and Fax Preferences](#).

## Print Address on Forms Preferences

If you have the Location feature enabled in your NetSuite account, the **Print Address on Forms** field gets added to your location record. The new field lets you specify which logo and address appear in printed Philippines documents. To specify the address and logo on your printed forms, go to Setup > Company > Classifications > Locations.

For more information, see the help topic [Specifying the Address on Printed Forms](#).

## Bar Codes and Item Labels Feature

The Bar Coding and Item Labels feature is now available for Philippines invoicing. To enable this feature, go to Setup > Company > Setup Tasks > Enable Features.

For more information, see the help topic [Enabling the Bar Coding and Item Labels Feature](#).

## Combined PDF and HTML Templates

The latest version of the Southeast Asia Localization SuiteApp merges the Philippines PDF and HTML invoicing templates. You can now use the following combined templates on your transactions:

- Philippines Billing Statement PDF/HTML Template
- Philippines Collection Receipt PDF/HTML Template
- Philippines Credit Memo PDF/HTML Template
- Philippines Official Receipt PDF/HTML Template
- Philippines Sales Invoice PDF/HTML Template

For more information about how to switch to using the combined templates, refer to the help topic [Setting Custom Forms to Use Advanced Templates](#).

## Support for Customized Footer for Philippines Invoicing

The Southeast Asia Localization SuiteApp version 6.00.0 includes the new Philippines Document Printing Preferences page. You can use this page to customize how footer messages appear in the document you use for Philippines invoicing.

- You can select the Philippines document you want to customize with footer messages in the new **Document Type** field.
- You can add customized footer messages in three sections of your documents using the following new fields:
  - Upper Section Footer Message
  - Middle Section Footer Message
  - Lower Section Footer Message

Also, you can check any footer message combination you create in real time through the new **Preview** section.

To update your footer messages, go to Setup > Southeast Asia Localization > Document Printing Preferences. For more information, read the help topic [Customizing Philippines Document Printing Preferences](#).

## Portugal Invoice Certification Enhancements

Portugal Invoice Certification SuiteApp version 1.10.0 includes the following enhancement:

- **Inclusion of a Unique Document Code ATCUD in Portugal Tax Documents**

The ATCUD code in your Portugal documents results from the concatenation of your document series' validation code and the transaction's sequential number within that series. The validation code is assigned to your document series by the Portugal Tax and Customs Authority. Effective from January 1, 2023, the inclusion of the ATCUD code in Portugal tax documents is required.

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

- The support for the Portugal Invoice Certification SuiteApp ended.
- Features and data in the Portugal Invoice Certification SuiteApp migrated to the Portugal Localization SuiteApp, which is 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 the help topic [Portugal Invoice Certification](#).

## Portugal Localization Enhancements

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

- The Portugal SAF-T SuiteApp is renamed to Portugal Localization SuiteApp.
- Features and data in the Portugal Invoice Certification SuiteApp 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.

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

## Portugal SAF-T Enhancements

Portugal SAF-T SuiteApp version 1.07.0 includes the following enhancement:

- **Addition of ATCUD Information to Portugal SAF-T for Billing and SAF-T for Shipping in XML Version 1.04\_1**

In this version, the Portugal SAF-T for Billing and SAF-T for Shipping in XML Version 1.04\_1 include information about a unique document code ATCUD.

Portugal SAF-T SuiteApp version 1.09.0 includes the following enhancements:



- **Support of Updated Values for Tax Exemption Reasons in Portugal Tax Codes**

If your account uses tax codes with M03 or M08 selected as tax exemption reasons, this version removes these from your tax codes. You need to edit your tax codes and reselect the updated values for the M03 and M08 tax exemption reasons.

- **Correct Display of Unit Price Value in Portugal SAF-T for Billing Report**

In this version, all unit price values included in the Portugal SAF-T for Billing report are displayed as absolute values.

- **Correct Display of Currency Codes and Amounts in Portugal SAF-T Reports for Accounts Without Multi-Book Accounting**

In this version, all currency codes and amounts in Portugal SAF-T reports are displayed correctly, and reflect the amounts and currency types present in NetSuite.

Portugal SAF-T SuiteApp version 1.10.0 includes the following enhancement:

- **Reporting Non-Euro Subsidiary Transactions in Euros Using the Portugal SAF-T for Billing Report**

In this version, the base currency of your subsidiary's accounting book is being considered for the Portugal SAF-T for Billing report generation. Setting the base currency to euros and the primary book base currency to a non-euro currency allows you to report non-euro transactions in euros.

Portugal SAF-T SuiteApp version 1.11.0 includes the following enhancement:

- **Support of New and Updated Tax Exemption Reasons in Portugal Tax Codes**

In this version, the Portugal SAF-T SuiteApp supports the following newly introduced Portugal tax exemption reasons:

- M26 – Lei n.º 17/2023, de 14 de abril
- M34 – Artigo 2.º n.º 1 alínea n) do CIVA

The SuiteApp additionally supports the following updated tax exemption reason with the code M25:

- M25 – Artigo 38.º n.º 1 alínea a) do CIVA

For more information, see the help topic [Portugal SAF-T](#).

## Singapore Localization Now Available in the SuiteApp Marketplace

Singapore Localization version 1.0.0 is now available in the SuiteApp Marketplace. The SuiteApp provides customized transaction fields, records, report templates, and tax codes specific to Singapore.

Singapore Localization includes the following features for accounts with SuiteTax:

- [IRAS Audit File Generation](#)
- [GST F5 Report Generation](#)
- [Automatic Provisioning of Singapore Tax Codes](#)

### IRAS Audit File Generation

The IRAS Audit File (IAF) is a data file containing standardized accounting information required for audit purposes. Singapore Localization enables you to generate the IAF from the Country Tax Reports page in a text file format (.txt) for Singapore companies and subsidiaries. To generate the file, the Singapore Localization SuiteApp adds the following custom fields upon installation:

- UEN

- Import Permit Number
- Document Date

These fields appear on your Singapore company or subsidiary, vendor, customer, sale, and purchase transaction records.

For more information about generating reports using the Country Tax Reports page, see the help topic [Generating Localized Country Tax Reports](#).

## GST F5 Report Generation

The SuiteApp enables you to view, generate, and configure the GST F5 Return for Singapore. The GST F5 form contains boxes for reporting low value goods and imported non-digital services.

For more information, see the help topic GST F5 Return in the Help Center starting January 17, 2023.

## Automatic Provisioning of Singapore Tax Codes

Upon installation, the Singapore Localization SuiteApp automatically provisions tax codes for Singapore. To see the list of available tax codes, see the help topic Singapore Localization Tax Codes in the Help Center starting January 17, 2023.



**Important:** The SuiteApp does not overwrite your current tax codes. The system only adds tax codes that do not have the same name in your account.

More information about Singapore Localization and its features will be available in the Help Center starting January 17, 2023.

## SuiteTax Latam Engine

The SuiteTax Latam Engine SuiteApp enables you to comply with Latin American tax determination requirements.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a public and managed SuiteApp.

The SuiteTax Latam Engine SuiteApp provides the following features and capabilities:

- **Predefined Tax Engine plug-in implementation** – Use this plug-in implementation to enable tax determination features provided by the SuiteApp. For more information, see the help topic [Enabling the SuiteTax Latam Engine Plug-In](#).
- **Tax determination records** – Set up tax determination for specific business scenarios with different rules and settings. For more information, see the help topic [SuiteTax Latam Engine Setup](#).
- **Custom plug-in type** – Use the SuiteTax Latam Engine plug-in type to create plug-in implementations to calculate one or several taxes.
- **General tax plug-in** – Use the general tax plug-in to calculate taxes that only require the multiplication of the net amount by the tax rate. For more information, see the help topic [General Tax Plug-in Overview](#).

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

## SuiteTax Latam Engine - Brazil Records

The SuiteTax Latam Engine - Brazil Records SuiteApp enables you to determine and calculate taxes for Brazil.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a shared and managed SuiteApp.

The SuiteTax Latam Engine - Brazil Records SuiteApp provides predefined plug-ins and records required to calculate the following taxes:

- Services
  - Contribuição de Intervenção no Domínio Econômico (CIDE)
  - Contribuição para o Funcionamento da Seguridade Social (COFINS)
  - Contribuições Sociais Retidas na Fonte (CSRF)
  - Instituto Nacional do Seguro Social (INSS)
  - Imposto de Renda Retido na Fonte (IRRF)
  - Imposto Sobre Serviços de Qualquer Natureza (ISS or ISSQN)
  - Programa de Integração Social (PIS)
- Goods
  - Contribuição para o Funcionamento da Seguridade Social (COFINS)
  - Fundo de Combate à Pobreza (FCP)
  - Imposto sobre a Circulação de Mercadorias e Serviços (ICMS)
  - Imposto sobre Produtos Industrializados (IPI)
  - Programa de Integração Social (PIS)

For more information, see the help topic [SuiteTax Latam Engine - Brazil Records](#).

## SuiteTax Latam Engine - Colombia Records

The SuiteTax Latam Engine - Colombia Records SuiteApp enables you to determine and calculate taxes for Colombia.

The SuiteApp is generally available and can be installed from the NetSuite SuiteApp Marketplace. It is a shared and managed SuiteApp.

The SuiteTax Latam Engine - Colombia Records SuiteApp provides predefined plug-ins and records required to calculate the following taxes:

- Impuesto al valor agregado (IVA)
- Retención en la fuente (RETEFUENTE)
- Retención de industria y comercio (RETEICA)
- Retención en la fuente por IVA (RETEIVA)

For more information, see the help topic [SuiteTax Latam Engine - Colombia Records](#).

## U.S. Sales Tax Reports for SuiteTax

The U.S. Sales Tax Reports SuiteApp version 1.0.2 allows accounts with the SuiteTax feature enabled to use a filter page to set up and generate SuiteAnalytics workbooks for sales tax transaction data.

Reports included are:

- Sales Tax Liability by Tax Item
- Sales Tax Liability by Tax Agency

- Sales Tax by State Analysis
- Sales Tax Analysis

After installation, a filtering page enables you to select the report you want to generate. You can filter by subsidiary, state, and accounting book. You can also select a filing partner (Avalara or Wolter Kluwer) if you use a third party for tax filing. Reports are generated using SuiteAnalytics workbooks.

For more information, see the help topic [U.S. Sales Tax Reports](#).

## Manufacturing SuiteApps

This release note was updated [June 26, 2023](#).

Following are the 2023.1 manufacturing enhancements to SuiteApps:

- [Manufacturing Mobile Stand Alone Assembly Build Reporting](#)
- [Manufacturing Mobile Backflush Logic has been Updated](#)
- [Costed Bill of Materials SuiteApp Now Available](#)
- [Work Instructions and Traveler SuiteApp Now Available](#)

### Manufacturing Mobile Stand Alone Assembly Build Reporting

The Manufacturing Mobile SuiteApp enables you to use scanners to report manufacturing data when an assembly is built without a work order reference. This mobile solution supplements the current reporting work order capabilities which are available to all customers who have purchased the Assembly Items feature in NetSuite.

### Manufacturing Mobile Backflush Logic has been Updated

The Manufacturing Mobile SuiteApp Preferences record now includes the **Build even if components are insufficient during backflush** box. This setting helps you to determine build processing behavior when some components are not available.

Check this box when you want the build to be successful when the component quantity is not sufficient.

Clear this box when you want the build to fail when the component quantity is not sufficient.

### 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](#).

## Work Instructions and Traveler SuiteApp Now Available

The Work Instructions & 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 & 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 & 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 [July 24, 2023](#).

Following are the 2023.1 order management enhancements to SuiteApps:

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

## Electronic Bank Payments Enhancements

NetSuite 2023.1 includes the following enhancements for Electronic Bank Payments SuiteApp.

- [Process Payments for Customers from Primary or Secondary Banks](#)
- [Processing Payment Scripts Using SuiteScript 2.0](#)
- [Tracking the Log Status of Entity Banks](#)

### Process Payments for Customers from Primary or Secondary Banks

You can now process payments for customers from primary or secondary banks using the **Entity Bank** list. The **Entity Bank** list is available on the EFT subtab for invoice and credit memo transactions.

### Processing Payment Scripts Using SuiteScript 2.0

Starting 2023.1, the following payment scripts are processed using SuiteScript 2.0. Also, old scripts are replaced with new scripts:

SuiteScript 1.0 (Old Scripts)	SuiteScript 2.0 (New Scripts)
customscript_2663_payment_file_mgmt_ue	customscript_15767_payment_file_mgmt_cs
customscript_2663_payment_file_mgmt_cs	customscript_15767_payment_file_mgmt_cs
customscript_2663_file_format_ue	customscript_15486_file_format_ue
customscript_2663_file_format_cs	customscript_15486_file_format_cs
customscript_2663_batch_selection_main_s	customscript_15767_batch_selection_su
customscript_2663_payment_pp_selection_s	customscript_15767_positive_pay_su
customscript_2663_batch_selection_ap_s	customscript_15767_batch_selection_ap_su
customscript_2663_cust_ref_selection_s	customscript_15767_ep_customer_refund_su
customscript_2663_payment_ar_selection_s	customscript_15767_ep_direct_debit_su
customscript_2663_payment_selection_s	customscript_15767_eft_paymt_selection_s
customscript_15529_global_eft_selection	customscript_15767_ge_eft_selection_su
Payment Batch Processing Portlet	EP Payment Batch Processing Portlet SS2
customscript_2663_jumplet_s	customscript_15767_pfa_jumplet_su
customscript_2663_exchangerates_loader_s	customscript_15767_exchangrate_loader_su
customscript_2663_batch_rejection_notify	customscript_15767_batch_rejection_wf
customscript_2663_batch_approval_notify	customscript_15767_batch_approval_wf

### Tracking the Log Status of Entity Banks

Starting 2023.1, you can track the status of a deleted, removed or reassigned entity bank. You can track the entity bank status by using the **Bank Details Logs** column in the **Bank Details** subtab.

## Electronic Invoicing Enhancements

Electronic Invoicing SuiteApp includes enhancements for the following versions:

- [Electronic Invoicing SuiteApp Version 9.02.0](#)
- [Electronic Invoicing SuiteApp Version 9.03.0](#)
- [Electronic Invoicing SuiteApp Version 9.04.0](#)
- [Electronic Invoicing SuiteApp Version 9.04.1](#)

### Electronic Invoicing SuiteApp Version 9.02.0

Electronic Invoicing SuiteApp version 9.02.0 includes the following enhancements:

- [Generate PDFs for Invoice and Credit Memo with Advanced PDF/HTML Templates](#)
- [PEPPOL Template Support for Australia and New Zealand](#)
- [SOAP And REST Web services Context](#)

### Generate PDFs for Invoice and Credit Memo with Advanced PDF/HTML Templates

The Electronic Invoicing SuiteApp version 9.02.0 enables you to select [Advanced PDF/HTML Template](#) at the subsidiary level for invoice and credit memo transaction types. This template will be used to generate a PDF version of the invoice or credit memo in the e-document generation process.

This newly added support also helps you add a QR code in the PDF file using the appropriate Custom Data Source plug-in. This plug-in is responsible for QR code generation in the e-document template. For more information, refer to the [Creating E-Document Templates](#) help topic link.

### PEPPOL Template Support for Australia and New Zealand

As of 9.02.0, Electronic Invoicing SuiteApp supports PEPPOL Generic templates for invoice, credit memo (Outbound), and vendor bill (Inbound). This is prepared for Australia and New Zealand. These templates are supported with Custom Data Source plug-in implementations to populate all the required values. The template contents and the Custom Data Source plug-in implementations together can be used to set up e-document template records. This can then be used for Outbound E-Document generation and Inbound E-Document conversion. For more information, refer to ANZ PEPPOL Template.

### SOAP And REST Web services Context

For vendor and customer records, SOAP And REST Web services Context skips the validation of email recipients and email sender. This includes REST Web services context for customer, vendor, and transaction scripts.

### Electronic Invoicing SuiteApp Version 9.03.0

Electronic Invoicing SuiteApp version 9.03.0 includes the following enhancements:

- [The E-Document Country for Free Use Field in Accounts Without OneWorld Needs No Configuration](#)
- [The E-Document Country for Free Use Field in NetSuite OneWorld Accounts Now Only Displays Countries with Subsidiaries](#)
- [Enhancements in ANZ PEPPOL Vendor Bill Template](#)

- Changes in PEPPOL Template
- Improvement of Outbound Template with JSON FreeMarker Validation
- Autopopulation Support for Multi-Subsidiary Entities
- Performance Improvements in Transaction View and Load Time
- Track Network Status of E-Document with E-Document Network Status

## The E-Document Country for Free Use Field in Accounts Without OneWorld Needs No Configuration

For Electronic Invoicing SuiteApp in accounts without OneWorld, you need not define the country in the **E-Document Country for Free Use** field. The field is disabled and populated with the company's country because these accounts have a single business in only the country where their business operates. Active license for Electronic Invoicing SuiteApp is required for this scenario. For more information, refer [Defining the E-Document Country for Free Use](#)

## The E-Document Country for Free Use Field in NetSuite OneWorld Accounts Now Only Displays Countries with Subsidiaries

For One World accounts, you can select a subsidiary country from the list in the **E-Document Country for Free Use** field to generate, certify, and send e-documents. This feature is free to the country selected in the field. If you have a license for multi-country use, the **E-Document Country for Free Use** field is not available. You can use the feature for all countries without any restriction. For more information, refer [Defining the E-Document Country for Free Use](#)

## Enhancements in ANZ PEPPOL Vendor Bill Template

The enhancements in the ANZ PEPPOL Vendor Bill template include:

- The ANZ PEPPOL Custom Data Source plug-in has been enhanced with additional validations. Elements like cbc:IssueDate, cbc:DueDate and cbc:IdentificationCode under cac:AccountingCustomerParty are enhanced to process the XML source file for conversion on inbound e-documents. Inactive tax codes are not considered in XML source file. Tax codes of type **Purchase** or **Both** will only be used to allocate tax codes to the items mentioned in the XML source file.
- For the fields cbc:LineExtensionAmount, cbc:PriceAmount, and cbc:Percent in the XML source file, there can be only one decimal separator (.) or (,) to be valid. Group separator is invalid.
- For the fields cbc:InvoicedQuantity and cbc:CreditedQuantity through outbound or inbound, decimal separator (.) is valid. Group separator is invalid.

## Changes in PEPPOL Template

The following elements in the template can have a value with a single decimal separator (.) or a whole number to be valid.

S.No	Template Name	Element Name
1	ANZ_Creditmemo_Peppol_Template_Generic	CreditedQuantity
2	ANZ_Invoice_Peppol_Template_Generic	InvoicedQuantity
3	Creditmemo_Peppol_Template_Generic	CreditedQuantity
4	Creditmemo_Peppol_Template_Master	CreditedQuantity



S.No	Template Name	Element Name
		BaseQuantity
5	Invoice_Peppol_Template_Generic	InvoicedQuantity
6	Invoice_Peppol_Template_Master	InvoicedQuantity BaseQuantity
7	ANZ_VendorBill_Peppol_Template_Generic	rate
8	ANZ_VendorBill_Peppol_Template_Generic	amount
9	ANZ_VendorBill_Peppol_Template_Generic	quantity

## Improvement of Outbound Template with JSON FreeMarker Validation

Validations have been improved in the **Template for Outbound E-documents** field for JSON type content in E-Document templates. If an E-Document template does not contain valid JSON FreeMarker content, the template cannot be saved.

## Autopopulation Support for Multi-Subsidiary Entities

The auto-population of e-document template and e-document sending method now also works with change in subsidiary on the transaction record for multi-subsidiary entities. For more information, refer [Multi-subsidiary Support in the Outbound Process](#)

## Performance Improvements in Transaction View and Load Time

Performance improvements are made in license check to improve load and view time of transactions.

## Track Network Status of E-Document with E-Document Network Status

You can now check network status for all transactions of e-documents (except transfer order) that are at the certification stage or send stage of the e-document. For more information, refer [E-Document Network Status Overview](#).

## 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
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, 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.

## NetSuite Ship Central Now Available



**Important:** Use of this feature requires that you install two SuiteApps in the following order: (1) SCM Mobile (2) NetSuite Ship Central.

For more information, see the help topic [Installing the SuiteApps for NetSuite Ship Central](#).

NetSuite Ship Central is now available in accounts that use Warehouse Management or Advanced Inventory Management. On your kiosk or tablet device, Ship Central provides packing and shipping capabilities that enable you to do the following:

- Identify picked items across multiple orders for a customer and pack them at the same time.  
Ship Central supports item packing in cartons and transferring packed cartons onto pallets.
- Gain visibility into which items are packed across multiple cartons or pallets and shipped.
- Ship through carriers that you integrate from ShipEngine.
- Choose from a variety of shipping modes offered by a carrier: single or multi-package and domestic shipping.  
International shipping and LTL are currently not supported.
- Access real-time rates and rerate a shipment.
- Print or reprint labels, packing lists, and shipping documents through your device.  
Use printers that you set up in PrintNode, a third-party provider of hosted printing services.
- Void a shipping label.

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

## Projects SuiteApps

This release note was updated [May 29, 2023](#).

Following are the 2023.1 projects enhancements to SuiteApps:

- [Project Cost-to-Cost Percent Complete Now Available](#)
- [Project 360 Dashboard Enhancements](#)

### Project Cost-to-Cost Percent Complete Now Available

The Project Cost-to-Cost Percent Complete SuiteApp version 1.0.0 is a cost-based percent complete approach to recognize revenue on projects. It provides you the flexibility to define the basis of budget and cost on projects. It also enables the calculation of project completion percentage based on the budget and the cost.

The Project Cost-to-Cost Percent Complete SuiteApp enables you to:

- Use a cost-based percent complete approach to recognize revenue on project contracts.
- Flexibly define the basis of the cost budget and actual cost for the project cost percent complete rule.
- Preview project details and calculations before starting the execution process.
- Override percent complete calculation based on business needs.
- Provide detailed audit trails of process execution.
- Avoid the manual work of extracting and calculating percentages.
- Attain accurate and timely revenue numbers.

For more information, see the help topic [Project Cost-to-Cost Percent Complete](#).

### 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 determines 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](#).

## SuiteAnalytics SuiteApps

This release note was updated [May 29, 2023](#).

Following are the 2023.1 SuiteAnalytics enhancements to SuiteApps:

- [Advanced SaaS Metrics Now Available](#)

### 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](#).

## Taxation SuiteApps

This release note was updated [May 29, 2023](#).

Following are the 2023.1 taxation enhancements to SuiteApps:

- SuiteTax SuiteApps
  - [Tax Reporting Framework Enhancements](#)
    - [Manual Submission and Multiple Nexuses Support](#)
    - [Annual and Quarterly Tax Periods Without Base Periods Support](#)
    - [Tax Item Type and Tax Transaction Type Support for Journal Reporting](#)
    - [New Credit Card Transaction Type for Custom Tax Returns](#)
- Legacy Tax SuiteApps
  - [International Tax Reports Enhancements](#)
    - [Germany Monthly and Quarterly VAT Report 2023 Update](#)
    - [Philippines VAT RELIEF Reports Update](#)
    - [Germany VAT Report XML Tags Automation](#)
    - [Philippines VAT Report Update](#)
    - [Singapore GST F5 Return Update](#)

- Germany Annual VAT Return Form and XML 2022 Update
- Generic Intrastat Dispatch Report Update 2022
- Finland Intrastat Dispatch Report Update 2022
- Singapore 2023 and 2024 Tax Code Provisioning
- Indonesia Tax Code Provisioning Update for 2022
- International Tax Reports Issue Fixes
  - International Tax Reports 3.126.0 Issue Fixes
  - International Tax Reports 3.125.1 Issue Fixes
  - International Tax Reports 3.125.0 Issue Fixes
  - International Tax Reports 3.124.0 Issue Fixes
- Tax Audit Files Updates
- Withholding Tax Issue Fixes

## SuiteTax SuiteApps



**Important:** The SuiteTax enhancements in this section are applicable only to NetSuite production and Sandbox accounts where the SuiteTax feature is enabled. For NetSuite accounts without SuiteTax, see [Legacy Tax SuiteApps](#).

## Tax Reporting Framework Enhancements

The Tax Reporting Framework SuiteApp includes the following enhancements in 2023.1:

- Manual Submission and Multiple Nexuses Support
- Annual and Quarterly Tax Periods Without Base Periods Support
- Tax Item Type and Tax Transaction Type Support for Journal Reporting
- New Credit Card Transaction Type for Custom Tax Returns

## Manual Submission and Multiple Nexuses Support

Tax Reporting Framework SuiteApp 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](#).

## Annual and Quarterly Tax Periods Without Base Periods Support

Tax Reporting Framework SuiteApp 1.20.0 adds support for yearly and quarterly tax periods without base periods in accounts without SuiteTax. If you use quarters or years as your lowest tier of tax periods, ensure the **Is Posting** box is checked on the tax period record.

For more information about setting up tax periods, see the help topic [Setting Up Tax Periods](#).

## Tax Item Type and Tax Transaction Type Support for Journal Reporting

Tax Reporting Framework SuiteApp 1.19.0 adds a Tax Item Type and Tax Transaction Type filter support for journal reporting on custom reports. You can assign a Tax Item Type on a Journal Entry record and customize localized tax returns on the Set Up Tax Return page.

For more information about how to assign a Tax Item Type, see the help topic [Assigning a Tax Item Type](#).

## New Credit Card Transaction Type for Custom Tax Returns

Tax Reporting Framework SuiteApp version 1.18.0 adds a new Credit Card transaction type for custom templates. You can customize localized tax returns on the Set Up Tax Return page.

For more information, see the help topic [Customizing Localized Tax Returns](#).

## Legacy Tax SuiteApps



**Important:** The legacy tax enhancements in this section are applicable only to NetSuite accounts without the SuiteTax feature.

## International Tax Reports Enhancements

The International Tax Reports SuiteApp includes the following enhancements in 2023.1:

- [Germany Monthly and Quarterly VAT Report 2023 Update](#)
- [Philippines VAT RELIEF Reports Update](#)
- [Germany VAT Report XML Tags Automation](#)
- [Philippines VAT Report Update](#)
- [Singapore GST F5 Return Update](#)
- [Germany Annual VAT Return Form and XML 2022 Update](#)
- [Generic Intrastat Dispatch Report Update 2022](#)
- [Finland Intrastat Dispatch Report Update 2022](#)
- [Singapore 2023 and 2024 Tax Code Provisioning](#)
- [Indonesia Tax Code Provisioning Update for 2022](#)

### 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"> <li>■ English description: Zero rate</li> <li>■ German description: Nullsatz</li> </ul>	<ul style="list-style-type: none"> <li>■ Effective from: January 1, 2023</li> <li>■ Rate: 0%</li> <li>■ Available on: Both</li> </ul>	87	Taxable transactions at the rate of 0%
EZR-DE	<ul style="list-style-type: none"> <li>■ English description: EU purchases - zero rate</li> </ul>	<ul style="list-style-type: none"> <li>■ Effective from: January 1, 2023</li> </ul>	90	Intracommunity acquisitions at the rate of 0%



Tax Code	Tax Code Description	Properties	Box	Box Description
	<ul style="list-style-type: none"> <li>German description: EU-Einkäufe - Nullsatz</li> </ul>	<ul style="list-style-type: none"> <li>Rate: 0%</li> <li>Notional Rate: ZR-DE</li> <li>EC Code: Enabled</li> <li>Available on: Both</li> </ul>		



**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](#).

### Germany VAT Report XML Tags Automation

International Tax Reports SuiteApp version 3.125.0 automatically generates the year values based on the selected tax period end date for the Germany VAT report XML tags. The following tags are also generated for your monthly, quarterly, and annual VAT reports:

- ReportUmsatzStVorankmeldung
- ReportUmsatzStErklärung
- TaxonomyId
- PeriodStart
- PeriodEnd

The latest version also includes an updated ElsterTransit link used to transmit the 2023 VAT returns.

For more information, see the help topics [Submission of VAT Returns in Germany](#) and [Installing ElsterTransit](#).

### Philippines VAT Report Update

In compliance with the Revenue Memorandum Order No. 9-2021, International Tax Reports version 3.125.0 includes an update to the Philippines VAT 2550 monthly and quarterly forms. When you generate a PDF file, a footnote is added with the following information:

- Username and user ID of the person who generated the report

- Date and time stamp indicating date and time of report generation
- Software used in generating the report

The Philippines VAT Report now also displays the first nine digits of the business tax registration number followed by three zeroes.

For more information about the Philippines VAT Report update, see the help topic [Monthly and Quarterly VAT Reports for the Philippines](#).

## Singapore GST F5 Return Update

In International Tax Reports version 3.125.0, the Singapore GST F5 report now supports the reporting of low-value goods, business-to-consumer imported non-digital services, and tax codes with 8% rates.

On the Tax Reports (International) page, the Singapore (English) 2023 form is now available in the Country Form list when you select a tax period starting January 2023. The updated form includes the following new boxes:

Box	Description	Amount
16	Did you operate as a redeliverer, or an electronic marketplace to supply imported low-value goods subject to GST on behalf of third-party suppliers?	Editable field + Sales net amount SROVR8-LVG-SG
17	Did you make your own supply of imported low-value goods that is subject to GST?	Editable field + Sales net amount SRLVG8-SG

The following tax codes are also modified to include new tax code properties:

Tax Code	Modifications
<ul style="list-style-type: none"> <li>■ NR-SG</li> <li>■ EP-SG</li> <li>■ BL8-SG</li> <li>■ BL9-SG</li> </ul>	<b>Exclude from VAT Reports</b> tax code property is added
<ul style="list-style-type: none"> <li>■ SRCA8-C-SG</li> <li>■ SRCA8-C-SG</li> </ul>	<b>Purchaser Issued Invoice</b> tax code property is added

For more information about what goes into each of the boxes of the GST Return form, see the help topic [What goes into each box - Singapore GST F5 Return](#).

For more information about the tax codes used in Singapore, see the help topic [Tax Code Table for Singapore](#).

## Germany Annual VAT Return Form and XML 2022 Update

International Tax Reports version 3.124.0 includes updates to the Germany Annual VAT Return form and XML to comply with the German tax administration for 2022.

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

## Generic Intrastat Dispatch Report Update 2022

The Country of Origin, Mode of Transport, Statistical Value, Partner ID, and Reference Number columns are added to the Intrastat declaration for Dispatches form of the following countries:

- Ireland

- Sweden
- Luxembourg
- Spain
- Portugal
- Poland
- Czech Republic
- Romania
- Hungary
- Bulgaria
- Cyprus
- Malta
- Greece
- Lithuania
- Slovak Republic
- Estonia
- Latvia
- Slovenia
- Croatia

For more information, see help topic [Intrastat Report Dispatches and Arrivals Forms](#).

International Tax Reports 3.124.0 also includes the following new values to the Country of Origin dropdown list in transaction forms:

- Unspecified countries and territories
- Unspecified countries and territories (Intra-EU trade)
- Unspecified countries and territories (Extra-EU trade)

When selected, these values display as codes QU, QV, and QW on the Intrastat Dispatch report.

For more information, see help topic [Country of Origin](#).

## Finland Intrastat Dispatch Report Update 2022

The Intrastat declaration for Dispatches for Finland contains the following updates for field labels:

Old Label	New Label	Description
Customer VAT No.	Trading Partner	The column now sources the value from the Partner ID fields in transaction records under the Item and Tax Reporting subtabs. For more information, see the help topic <a href="#">Partner ID</a> .
Member State	Country of Destination	No change in current behavior.
Country of Origin (Import)	Country of Origin	The column now sources the value from the Country of Origin field in transactions records under the Item and Tax Reporting subtabs. When both fields are left blank, the Intrastat Dispatch Report for Finland displays the value FI in the Country of Origin column. For more information, see the help topic <a href="#">Country of Origin</a> .

For more information, see help topic [Intrastat Report for Finland](#).

## Singapore 2023 and 2024 Tax Code Provisioning

Starting **January 1, 2023**, Singapore tax rates will have a phased increase from the current 7% to 8% and 9% the following year. The GST in Singapore will also be extended to low value goods and business-to-consumer imported non-digital services.

To support these new tax regulations, the International Tax Reports version 3.124.0 automatically provisions the following 8% and 9% rate tax codes to newly created Singapore subsidiaries and nexuses:

Tax Codes with 8% rate effective on Jan. 1, 2023	Tax Codes with 9% rate effective on Jan. 1, 2024
<ul style="list-style-type: none"> <li>■ SR8-SG</li> <li>■ DS8-SG</li> <li>■ TX8-SG</li> <li>■ IM8-SG</li> <li>■ TX8-E33-SG</li> <li>■ TX8-N33-SG</li> <li>■ TX8-RE-SG</li> <li>■ BL8-SG</li> <li>■ SRCA8-S-SG</li> <li>■ TX8CA-SG</li> <li>■ SRRC8-SG</li> <li>■ SRCA8-C-SG</li> <li>■ SROVR8-RS-SG</li> <li>■ SROVR8-LVG-SG</li> <li>■ SRLVG8-SG</li> </ul>	<ul style="list-style-type: none"> <li>■ SR9-SG</li> <li>■ DS9-SG</li> <li>■ TX9-SG</li> <li>■ IM9-SG</li> <li>■ TX9-E33-SG</li> <li>■ TX9-N33-SG</li> <li>■ TX9-RE-SG</li> <li>■ BL9-SG</li> <li>■ SRCA9-S-SG</li> <li>■ TX9CA-SG</li> <li>■ SRRC9-SG</li> <li>■ SRCA9-C-SG</li> <li>■ SROVR9-RS-SG</li> <li>■ SROVR9-LVG-SG</li> <li>■ SRLVG9-SG</li> </ul>

For accounts with existing Singapore subsidiary or nexus, you can run the Tax Code Provisioning script to get the new tax codes. For more information, see [Singapore GST Phased Rate Increase to Start on January 2023](#), SuiteAnswers ID: 1012062.

For more information, see help topic [Singapore Tax Codes](#).

## Indonesia Tax Code Provisioning Update for 2022

In compliance with the Harmonization of Tax Regulations (HPP Law), the International Tax Reports version 3.214.0 supports the increase in the VAT rate from the current 10% to 11%. The automatically provisioned tax codes to newly created Indonesia subsidiaries or nexuses are updated to have the 11% tax rate. If you already have an existing Indonesia subsidiary or nexus, you may run the Tax Code Provisioning script to get the updated tax rate. For more information, see the [Automatic Tax Code Provisioning Workaround](#).

For more information about the enhancements for Indonesia, see help topic [Indonesia Tax Codes](#).

## International Tax Reports Issue Fixes

The International Tax Reports SuiteApp includes the following issue fixes in 2022.2:

- [International Tax Reports 3.126.0 Issue Fixes](#)
- [International Tax Reports 3.125.1 Issue Fixes](#)
- [International Tax Reports 3.125.0 Issue Fixes](#)
- [International Tax Reports 3.124.0 Issue Fixes](#)

## 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	The box now reports notional amount of purchases of the following tax codes by default:

Box	Updates to the formula
	<ul style="list-style-type: none"> <li>□ ESSP-DE</li> <li>□ ESSP1-DE</li> <li>□ IS-DE</li> <li>□ IS1-DE</li> <li>□ RC-DE</li> <li>□ RC1-DE</li> <li>□ S1-DE</li> <li>□ SS1-DE</li> </ul> <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"> <li>□ S1-DE</li> <li>□ RC-DE</li> <li>□ SS1-DE</li> <li>□ RC1-DE</li> </ul> <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"> <li>□ ESSS-DE</li> <li>□ ESSS1-DE</li> </ul> <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).

## International Tax Reports 3.125.1 Issue Fixes

International Tax Reports SuiteApp version 3.125.1 includes the following fixes:

- **Belgium VAT Report Issue Fixes**
  - Previously, tax amounts from bill credits are included in boxes 55, 56, and 57. In the latest version, only tax amounts from bill transactions are reported in these boxes and bill credit tax amounts are excluded.
  - Box 63 is fixed to exclude notional tax amounts from bill credits with the following tax codes:
    - RC-BE
    - ES-BE
    - ER-BE

- EZ-BE
  - IS-BE
- The amounts shown in boxes 61 and 62 are now automatically calculated by adding the notional tax amounts for the following tax codes:
  - RCFA-BE
  - RC-BE
  - ES-BE
  - ER-BE
  - EZ-BE
  - ESSP-BE
  - IS-BE

Boxes 61 and 62 are still editable.

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

#### ■ **UK VAT Return Issue Fixes**

- The MTD System Notes pages are extended to display your entire submission history. The pagination buttons are fixed so you can browse from your first logged submission to the most recent one.
- The Edit button on the UK MTD Submit Via CSV page is also fixed to display correctly on all browsers.

### International Tax Reports 3.125.0 Issue Fixes

- **Belgium VAT Report** – The VAT report template includes the following fixes:
  - **Box 59** – The box no longer includes credit transactions.
  - **Box 85** – The box no longer adds credit transactions.
  - **Box 55** – The box now shows the notional VAT on bill credit transactions.
- **EU Intrastat Report** – Transactions with item names that have < and > are now showing in the Intrastat report.
- **Germany Annual VAT Report** – Update is applied to let you print the VAT report faster.
- **Indonesia VAT Report** – The VAT report template is updated to remove the format of box II A, II B, and II C before recalculating the value in box II D.
- **Netherlands Dispatches and Arrivals Intrastat Reports** – The Netherlands Intrastat report now filters out domestic transactions.
- **Netherlands VAT Report** – The VAT report template is updated to remove the format of box 1d before recalculation.
- **VIES VAT Validation Link** – The VIES VAT link is fixed to validate the format of the tax registration numbers of European Union (EU) customer and vendor records.

### International Tax Reports 3.124.0 Issue Fixes

International Tax Reports SuiteApp version 3.124.0 includes the following fixes:

- **Germany VAT Report** – The Germany VAT report now recognizes comma (,) as a decimal (.) symbol.
- **VAT/GST Tax Reports Optimization** – VAT/GST reports are optimized to prevent displaying a blank page when using a specific period range.

- **Portugal VAT Report** – Box 40 and 41 no longer shows negative (-) amount for the summary box. For more information, see the help topic [What goes into each box – Portugal VAT report](#).
- **Belgium VAT Report** – Box 59 now reports credit transactions for the tax codes that report notional tax.
- **Indonesia Tax Report** – The tax report template is updated to trigger the recalculation for II D when the values of dependent boxes are changed.
- **France Dispatches and Arrivals Intrastat Reports** – The France Intrastat report now filters out domestic transactions.
- **Germany Intrastat Report** – The following issue fixes are added to the Germany Intrastat report:
  - Domestic transactions are now filtered out in both Intrastat Sales and Purchase reports.
  - The Statistical Value's sum computation is updated to correct the calculation when there are 2 lines of the same value.
  - UK transactions coming from Great Britain (XU) are now filtered out in the Intrastat Sales Report for version 2022 onwards.

## Tax Audit Files Updates

The Tax Audit Files SuiteApp version 1.86.0 includes the following:

- [Spain SII Audit Files Enhancements](#)
- [Philippines Audit Files Enhancements](#)

### Spain SII Audit Files Enhancements

The Spain SII audit files is enhanced to support the following transactions:

- Transactions that use manually created tax codes with a tax rate of 5% are now included in the Spain Issued and Received Invoices.
- Credit transactions that are not linked to invoices is now included in Amending Transactions and Corrected Amending Transactions reports for both Spain issued and received invoices.
- Transactions that are not subject to VAT is now reported when you update the **Tax Exemption Details** field.

For more information, read the help topics [Spain Online VAT Register](#) and [Generating and Submitting the Spain VAT Register Information](#).

The enhancement also includes the following XML tag and field updates for Spain:

Fied Name	Field Type	Description
ImportePorArticulos7_14_Otros	XML Tag	This tag is available for transactions with Special Scheme Code 10 and Tax Exemption Details Code N2.
CuotaDeducible	XML Tag	This tag automatically shows zero (0) in the report when conditions are met.
NumSerieFacturaEmisorResumenFin	XML Tag	This tag shows the value entered in the <b>Last Document Number of Summary Invoice</b> field.
Last Document Number of Summary Invoice	Input Field	In this field, you can enter the document number series of the last invoice from the invoice summary entry.  To update this field, go to Transactions > Spain SII Reporting > Last Document Number of Summary Invoice.



Fied Name	Field Type	Description
Tax Exemption Details	List Field	<p>Previously labeled as <b>Details of Subject and Exempt Transactions</b>, this field enables you to select the cause of exemption of transactions. The update also includes the following new options you can select:</p> <ul style="list-style-type: none"> <li>Not subject - Not subject to article 7.14, others (Code N1)</li> <li>Not subject - Operations not subject to the TAI by location rules (Code N2)</li> </ul> <p>To update this field, go to Transactions &gt; Spain SII Reporting &gt; Tax Exemption Details.</p>

For more information, see the help topics [List of XML Fields for Spain Online VAT Reports](#) and [Additional Fields for Spain VAT Register Information](#).

### Philippines Audit Files Enhancements

Tax Audit File reports for Philippines now includes the following requirements of the Bureau of Internal Revenue (BIR):

- The following headers have been renamed in compliance with BIR requirements:
  - VAT REG TIN** – Previously labeled as **TIN**, this field displays the VAT registered tax identification number entered in the account.
  - Extracted By** – Previously labeled as **User ID**, this field displays the ID of the user that generated the report.
- The sourcing of the value displayed in the **Description/Memo** field has been updated.
- The report now includes the following new headers:
  - Taxable Year
  - Software Name
  - File Name
  - File Type
  - Number of Records
  - Period Covered
- All Philippines audit files now includes the following new fields:
  - File Attribute Key
  - Total
- The General Ledger now includes the following new columns:
  - Balance
  - Name
  - Transaction Number

For more information, read the help topic [Tax Audit Files - Philippines](#).

### Withholding Tax Issue Fixes

Withholding Tax SuiteApp version 1.45.2 includes the following fixes for Certificate of Creditable Tax Withheld at Source (Form 2307):

- Previously, the Select Transactions window in Form 2307 does not open for reports with high volume of transactions because of URL character limitation.  
The URL character limitation is now fixed and the Select Transactions window can display high volume of transactions.
- The value of the Payee's Name field is now automatically sourced from the selected vendor's name regardless of the default billing address.

## Vendors, Purchasing, and Receiving SuiteApps

This release note was updated [June 26, 2023](#).

Following are the 2023.1 vendors, purchasing, and receiving enhancements to SuiteApps:

- [Vendor Bill Sender Permission for Transaction Email Capture](#)
- [Vendor Bill File Processing Failed Email Notification for Transaction Email Capture](#)
- [Transaction Email Capture Now Available](#)

### 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](#).

### Vendor Bill File Processing Failed Email Notification for Transaction Email Capture

In version 1.1.0 of Transaction Email Capture SuiteApp, NetSuite sends back a file processing failed email notification to vendors and employees who send vendor bill files when:

- The employee or vendor bill recipient does not have the permission to use the Bill Capture feature. For the SuiteApp to process vendor bill files in NetSuite, an employee or vendor bill recipient must have the necessary Bill Capture feature permissions.  
For more information, see the help topic [Granting Permissions to Users for Bill Capture](#).
- The folder to store the vendor bill files does not exist in NetSuite. For more information about Transaction Email Capture folders, see the help topic [Sending Vendor Bills to NetSuite](#).

For more information about the email notification, see the help topic [Transaction Email Capture Error Messages](#).

### Transaction Email Capture Now Available

Transaction Email Capture SuiteApp version 1.0.1 is now available for installation from the Search & Install Bundles page as a paid and managed SuiteApp. For more information, see the help topic [Installing the Transaction Email Capture SuiteApp](#).

The SuiteApp enables employees and vendors to send vendor bills in PNG, PDF, or JPG file format through email. The SuiteApp works with the Bill Capture feature which lets you review details of file attachments before creating a vendor bill record in NetSuite.

For more information, see the help topic [Transaction Email Capture SuiteApp](#).

## Wholesale Distribution SuiteApps

This release note was updated [May 1, 2023](#).

Following are the 2023.1 wholesale distribution enhancements to SuiteApps:

### 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 2023.1 includes the following changes:

- [Bundle Support During Release Phasing](#)
- [Increased Performance for Managed Bundle Upgrades](#)

## Bundle Support During Release Phasing

Bundle support during phasing of 2023.1 is consistent with the support provided during previous releases. During phasing of 2023.1, some accounts continue to use 2022.2 at the same time that other accounts are upgraded to 2023.1. 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 2022.2 can be installed in accounts that are already using 2023.1.
- Bundles developed with 2023.1 can be installed in accounts that are still using 2022.2, but with the following limitations:
  - When a user in a 2022.2 account installs a bundle from a 2023.1 account, the bundle installation stops if there are object types in the bundle that are not supported in 2022.2.
  - A bundle with a script that uses a new API available only in 2023.1 can be installed into a 2022.2 account, but the script may not function correctly because 2022.2 does not support the API.

## Increased Performance for Managed Bundle Upgrades

The performance of managed bundle upgrade has been increased. The processing time for managed bundle upgrade operations has been significantly reduced. This enhancement is available for all partners and customers.

## SuiteBuilder – Customization

NetSuite 2023.1 includes the following enhancements to SuiteBuilder features:

### Updated CKEditor for Advanced PDF/HTML Templates

Advanced PDF/HTML templates now use an updated CKEditor. For more information, see [CKEditor Library Update](#).

## 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.

This release note was updated [June 12, 2023](#).

SuiteCloud SDK for 2023.1 includes the following features and updates:

- [Third-party Library Updates for SuiteCloud Extension for Visual Studio Code and SuiteCloud CLI for Node.js](#)
- [Third-party Library Updates for SuiteCloud Extension for Visual Studio Code and SuiteCloud CLI for Node.js](#)
- [2023.1 SuiteCloud Extension for Visual Studio Code Is Now Available](#)
- [2023.1 SuiteCloud CLI for Node.js Is Now Available](#)
- [2023.1 SuiteCloud IDE Plug-in for WebStorm Is Now Available](#)
- [2023.1 SuiteCloud CLI for Java Is Now Available](#)
- [New Version of SuiteCloud Unit Testing with SuiteScript 2.x Stubs for All Modules](#)

## Third-party Library Updates for SuiteCloud Extension for Visual Studio Code and SuiteCloud CLI for Node.js

For SuiteCloud CLI for Node.js and SuiteCloud Extension for Visual Studio Code, there are new releases that include updates for a third-party library.

## Third-party Library Updates for SuiteCloud Extension for Visual Studio Code and SuiteCloud CLI for Node.js

For SuiteCloud CLI for Node.js and SuiteCloud Extension for Visual Studio Code, there are new releases that include updates for a third-party library.

## 2023.1 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](#).

With the new version of the extension, you can now see the active project name and its authentication ID in the status bar. Also, the status bar offers control of the default auth ID actions, making it simple to switch among already saved auth IDs or to set a new one as default. If the project does not have an auth ID, the status bar now shows a shortcut to the Set Up Account command. For more information, see the help topic [User Interface of SuiteCloud Extension for Visual Studio Code](#).

## 2023.1 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](#).

## 2023.1 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 2022.3. For more information, see the help topic [Update SuiteCloud IDE Plug-in for WebStorm](#).

## 2023.1 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](#).

## New Version of SuiteCloud Unit Testing with SuiteScript 2.x Stubs for All Modules

For SuiteCloud CLI for Node.js and SuiteCloud Extension for Visual Studio Code, the new version of SuiteCloud Unit Testing allows you to mock all Suitescript 2.x modules in your unit tests. For more information, see [SuiteCloud Unit Testing](#).

## SuiteScript

This release note was updated [April 10, 2023](#).

Refer to the following sections for details on SuiteScript updates for NetSuite 2023.1:

- [2023.1 SuiteScript Records Browser](#)
- [Newly Supported Record Action in 2023.1](#)
- [Improvements to the SuiteScript Code Samples Catalog](#)
- [New Methods in N/https Module](#)
- [SuiteCloud Project Repository on Oracle Samples GitHub](#)

## 2023.1 SuiteScript Records Browser

The 2023.1 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.

## Newly Supported Record Action in 2023.1

The following table lists the newly supported record action for SuiteScript in 2023.1.

Record Type	Record Action	Description
<a href="#">Project Revenue Rules</a>	recalculatepercentcompleteoverride For more information, see the help topic <a href="#">Revenue Recognition Event</a> .	A new action is available on project revenue rules records to enable automatic percent complete recalculation. Check the Percent Complete Automatic Recalculation box to prompt NetSuite to recalculate the percent complete every eight hours for projects with this status. For the In Progress project

		<p>status, this box is checked by default. You can also manually trigger a percent complete override recalculation from the Actions menu at the top of project records.</p> <p>For more information, see the help topic <a href="#">Using the Percent Complete Override Subtab</a>.</p>
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## Improvements to the SuiteScript Code Samples Catalog

[SuiteScript 2.x Code Samples Catalog](#) now has additional samples, enhanced organization using multiple categories, and a complete table listing of all available samples. The catalog is now organized into the following categories, and each sample can be included in multiple categories:

- SuiteScript 2.1 Samples – Samples that use SuiteScript 2.1 language features
- SuiteScript Samples by Script Type – Samples specific to each SuiteScript script type
- SuiteScript Samples by Function – Samples that use distinct SuiteScript functions and capabilities
- SuiteScript Samples by Module – Samples for each SuiteScript API module
- SuiteScript Samples That Use Promises – Samples that use SuiteScript promise methods
- Custom Plug-in Samples – Custom plug-in samples
- SuiteScript Use Case Samples – Full use case samples

The Table of Contents for the catalog also now includes links to each sample under each category.

Code Samples Catalog Overview
SuiteScript Samples Catalog Complete Listing
[-] SuiteScript 2.1 Samples
[-] SuiteScript Samples by Script Type
[-] Bundle Installation Script Samples
[-] Client Script Samples
[-] Copy a Value to the Item Column
[-] Find Actions Available for the Timebill Record Asynchronously Using Promise Methods
[-] Set a Default Posting Period in a Custom Field
[-] Set the Purchase Order Exchange Rate
[-] Map/Reduce Script Samples
[-] Mass Update Script Samples
[-] Portlet Script Samples
[-] RESTlet Script Samples
[-] Scheduled Script Samples
[-] SDF Installation Script Samples
[-] Suitelet Samples
[-] User Event Script Samples
[-] Workflow Action Script Samples
[-] SuiteScript Samples by Function
[-] SuiteScript Samples by Module
[-] SuiteScript Samples That Use Promises
[-] Custom Plug-in Samples
[-] SuiteScript Use Cases Samples

The [SuiteScript Samples Catalog Complete Listing](#) lists all samples along with the categories where they can be found.

Clicking each sample name takes you directly to the code sample in the catalog.

Sample Name	SuiteScript 2.1 Samples	SuiteScript Samples by Script Type	SuiteScript Samples by Function
Access Parameterized Translation Strings	—	—	Translations
Access Sublists and a Subrecord from a Record	—	—	Lists, Sublists, and Subrecords
Access Sublists and a Subrecord from a Record Asynchronously Using Promise Methods	—	—	Lists, Sublists, and Subrecords
Access Translation Strings	—	—	Translations
Access Translation Strings Using a Non-Default Locale	—	—	Translations
Add a Custom Button to Execute a Suitelet	2.1 Sample	Suitelet Script User Event Script	—
Add a Dynamic Link to a List in a Suitelet	—	Suitelet Script	Lists, Sublists, and Subrecords

## New Methods in N/https Module

You can now use N/https module to communicate between SuiteScript scripts and Suitelet using the following new methods:

- [https.requestSuitelet\(options\)](#) - Sends an HTTPS request to a Suitelet and returns the response.
- [https.requestSuitelet.promise\(options\)](#) - Sends an HTTPS request asynchronously to a Suitelet and returns the response.

With these methods, you can perform outbound HTTPS requests in an anonymous client-side context. You can do this by performing the HTTPS request inside a Suitelet that is available without login, then calling the Suitelet inside your client script using the [https.requestSuitelet\(options\)](#) or [https.requestSuitelet.promise\(options\)](#) method. For more information, see [Outbound HTTPS in an unauthenticated client-side context](#).

## SuiteCloud Project Repository on Oracle Samples GitHub

A repository of sample NetSuite customization projects is now available on GitHub in the Oracle Samples organization. This repository contains a variety of sample projects meant to demonstrate the ways that you can create account customization projects using the SuiteCloud platform. Projects are designed for use with NetSuite developer tools in combination with SuiteBuilder, SuiteScript, SuiteScript Development Framework (SDF), SuiteAnalytics, and more. Each folder represents an independent project with its own README.md file for detailed descriptions of the use case and customization. To access the new repository, visit <https://github.com/oracle-samples/netsuite-suitecloud-samples>. For detailed tutorials that correspond to the projects, see the help topic [SuiteCloud Customization Tutorials](#).

Although the project is not currently accepting contributions, you can file issues and enhancement requests in GitHub. This repository will expand on a regular basis with new projects and samples for educational purposes. The sample code is provided on an "as-is" basis and is not guaranteed to work in every account environment because dependencies on features and preferences may exist.

## SuiteTalk Web Services Integration

This release note was updated [May 29, 2023](#).

NetSuite 2023.1 includes the following enhancements to web services features:

- [Fully Supported Record Types for REST Web Services in 2023.1](#)
- [SOAP Web Services Version 2023.1](#)



- [Araxis Merge Diff File for the 2023.1 Endpoint](#)
- [2023.1 SOAP Schema Browser](#)

## Fully Supported Record Types for REST Web Services in 2023.1

The following table lists the record types that are fully supported as of 2023.1.

Record Type	Notes
<a href="#">Customer Payment</a>	The record ID for the customer payment REST record is <b>customerPayment</b> .  In the UI, you can apply invoices, credits, and deposits on the Apply subtab of the Payment page. When using REST web services, you can apply only invoices on customer payments.
<a href="#">Deposit</a>	The record ID for the deposit REST record is <b>deposit</b> .  The <b>To Be Printed</b> field is not exposed to REST web services.
<a href="#">Description Item</a>	The record ID for the description item REST record is <b>descriptionItem</b> .  This record is not a subrecord, nor does it have any subrecords.
<a href="#">Fulfillment Request</a>	The record ID for a fulfillment request REST record is <b>fulfillmentrequest</b> .  You must enable FULFILLMENTREQUEST before you can use this record through REST web services.  Optionally, you must enable STOREPICKUP to use store pickup on the fulfillment request record through REST web services.
<a href="#">Item Group</a>	The record ID for the item group REST record is <b>itemGroup</b> .  The sublist translations is not exposed for REST.
<a href="#">Non-Inventory Purchase Items</a>	The record ID for the non-inventory purchase item record is <b>nonInventoryPurchaseItem</b> .
<a href="#">Non-Inventory Resale Item</a>	The record ID for the non-inventory resale item REST record is <b>nonInventoryResaleItem</b> .
<a href="#">Vendor Return Authorization</a>	The record ID for a vendor return authorization REST record is <b>vendorReturnAuthorization</b> . To use the vendor return authorization REST record, you must have the Vendor Return Authorization feature enabled.

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 2023.1

SOAP web services version 2023.1 is available. When your implementation is upgraded to 2023.1, the 2023.1 WSDL becomes available in your production account.

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

## Araxis Merge Diff File for the 2023.1 Endpoint

The [Araxis Merge diff file](#) highlights the schema changes between the 2022.2 and 2023.1 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.

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

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="vsoeDelivered" type="xsd:boolean" minOccurs="0"/>	1055	<element name="vsoeDelivered" type="xsd:boolean" minOccurs="0"/>
1055	<element name="chargeType" type="platformCommonType:ChargeRuleType" minOccurs="0"/>	1056	<element name="chargeType" type="platformCore:RecordRef" minOccurs="0"/>
1056	<element name="chargeItemList" type="platformCore:RecordRefList" minOccurs="0"/>	1057	<element name="chargeItemList" type="platformCore:RecordRefList" minOccurs="0"/>
1057	<element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>	1058	<element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>

## 2023.1 SOAP Schema Browser

The 2023.1 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 2023.1 includes the following enhancements to taxation features:

- SuiteTax
  - Nexus-Level Tax Exemption
  - Tax Reporting Framework Enhancements
    - Manual Submission and Multiple Nexuses Support
    - Annual and Quarterly Tax Periods Without Base Periods Support
    - Tax Item Type and Tax Transaction Type Support for Journal Reporting
    - New Credit Card Transaction Type for Custom Tax Returns
  - Canada Sales Tax Reports Enhancements
  - Belgium Localization Enhancement
  - Brazil Reports
  - LATAM File Builder
  - SuiteTax Latam Engine
  - SuiteTax Latam Engine - Brazil Records

- SuiteTax Latam Engine - Colombia Records
  - U.S. Sales Tax Reports for SuiteTax
- Legacy Tax
  - International Tax Reports Enhancements
    - Germany Monthly and Quarterly VAT Report 2023 Update
    - Philippines VAT RELIEF Reports Update
    - Germany VAT Report XML Tags Automation
    - Philippines VAT Report Update
    - Singapore GST F5 Return Update
    - Germany Annual VAT Return Form and XML 2022 Update
    - Generic Intrastat Dispatch Report Update 2022
    - Finland Intrastat Dispatch Report Update 2022
    - Singapore 2023 and 2024 Tax Code Provisioning
    - Indonesia Tax Code Provisioning Update for 2022
  - International Tax Reports Issue Fixes
    - International Tax Reports 3.126.0 Issue Fixes
    - International Tax Reports 3.125.1 Issue Fixes
    - International Tax Reports 3.125.0 Issue Fixes
    - International Tax Reports 3.124.0 Issue Fixes
  - Tax Audit Files Updates
  - Withholding Tax Issue Fixes
  - Belgium Localization Enhancement
  - Portugal Invoice Certification Enhancements
  - Portugal Localization Enhancements
  - Portugal SAF-T Enhancements

## Nexus-Level Tax Exemption

In NetSuite 2023.1, you can disable tax calculations for nexuses where you are not required to calculate or record taxes in SuiteTax. NetSuite administrators, implementation consultants, and partners can assign a nexus to a subsidiary and classify it as being tax-exempt.

This feature enables you to skip tax engine selection and the related configuration when your business is not required to report taxes. It also disables tax calculation on transactions for those nexuses.

A nexus' tax-exempt status appears in the Tax Registrations subtab in Subsidiary records.

For more information about nexus-level tax exemptions, see the help topics [Enabling the SuiteTax Feature](#), [Selecting a Tax Engine for Tax Registrations on Migrated Subsidiary Records](#), and [Assigning Tax Registrations to a Subsidiary in SuiteTax](#).

## User Interface

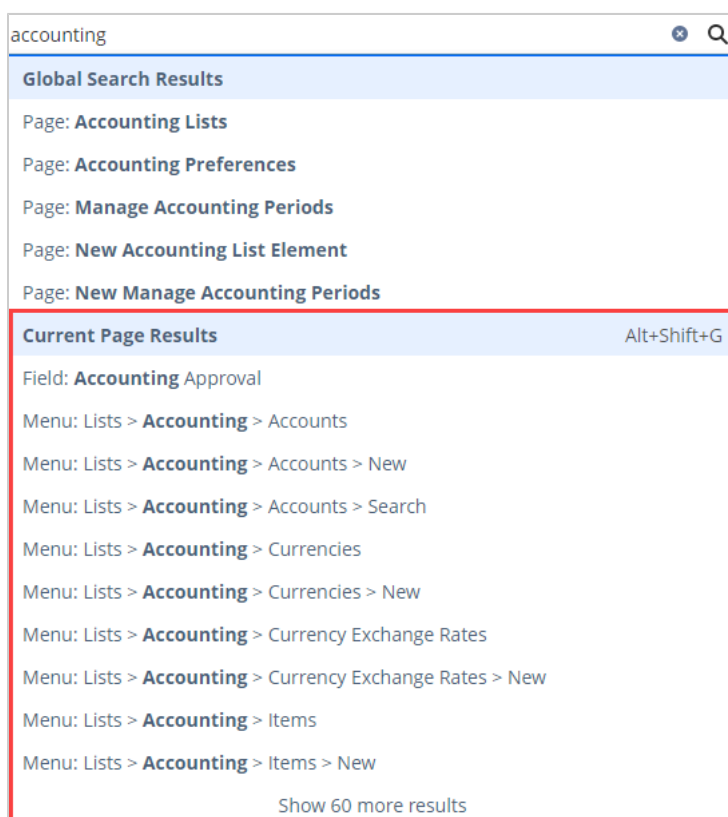
NetSuite 2023.1 includes the following enhancement to the NetSuite User Interface:

- [Global Search Enhancements](#)
- [CKEditor Library Update](#)
- [New Preference to Display Inline Editor Sublist Tooltip](#)

## Global Search Enhancements

The Menu Search feature in global search includes search results from the Navigation Menu. The feature now has the following enhancements:

- Search results from the Menu Search feature appear in a Current Page Results section.
- Searches using the Menu Search feature include all fields, tabs, and subtabs on the current NetSuite form.
- To view Current Page Results without using the global search, press Alt+Shift+G.
- To view the complete list of results, click **Show [N] more results**.

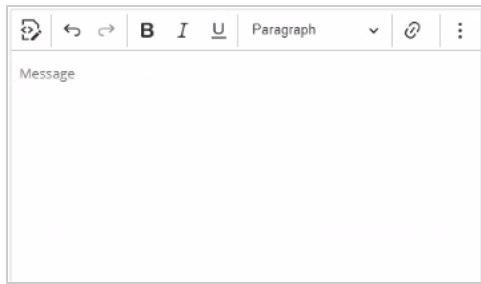


For more information, see the help topic [Current Page Results](#).

## CKEditor Library Update

The CKEditor library used in NetSuite has been updated to version 5. CKEditor is a third-party library used for rich text editing in NetSuite (for example, in advanced PDF/HTML templates).

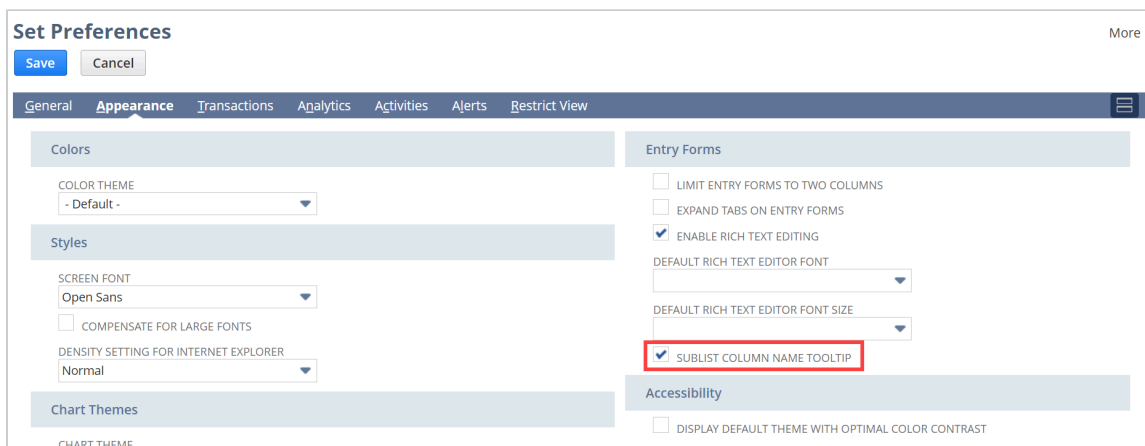
For more information, see the help topic [Viewing and Editing Records](#)



When using CKEditor, follow the guidelines described on the [CKEditor website](#).

## New Preference to Display Inline Editor Sublist Tooltip

When editing an inline sublist, tooltips with the column name appear when you point to a cell. You can now enable or disable these tooltips by checking or clearing the **Sublist Column Name Tooltip** box which is located on the Appearance subtab at Home > Set Preferences.



For more information, see the help topic [Using Inline Editing](#)

## Vendors, Purchasing, and Receiving

This release note was updated [May 29, 2023](#).

NetSuite 2023.1 includes the following enhancements to the vendors, purchasing, and receiving features:

- [Create NetSuite Vendor Bills From Emailed or Uploaded Files](#)
- [Vendor Bill Sender Permission for Transaction Email Capture](#)
- [Vendor Bill File Processing Failed Email Notification for Transaction Email Capture](#)
- [Transaction Email Capture Now Available](#)

## Create NetSuite Vendor Bills From Emailed or Uploaded Files

The Bill Capture feature, released in 2022.2, has additional enhancements in 2023.1.

Using Bill Capture, you can email or upload PNG, PDF, or JPG vendor bill files to create NetSuite vendor bills. This feature minimizes the data entry effort and reduces manual errors and inconsistencies that occur when entering vendor bills. NetSuite also learns from user corrections, making better suggestions with time.

Bill Capture can be purchased as part of the AP Automation module or as the standalone Bill Capture module. AP Automation also includes the Payment Automation SuiteApp. For more information about the Payment Automation SuiteApp, see the help topic [Payment Automation SuiteApp](#). The Bill Capture email feature is implemented through the Transaction Email Capture SuiteApp. For more information about prerequisites, see the help topic [Prerequisites for Bill Capture](#).

Emailed and uploaded files are displayed on the Scanned Vendor Bills page. The Scanned Vendor Bills page includes the following enhancements in 2023.1:

- filtering of uploaded files by Status and Upload Date
- sorting of uploaded files by Due Date and Vendor Bill Date
- new Source field to identify who uploaded or emailed each file

The screenshot shows the 'Scanned Vendor Bills' page. At the top is a navigation bar with tabs: Activities, Transactions, Lists, Reports, Analytics, Customization, Documents, Setup, Commerce, SuiteApps, and Support. Below the navigation bar is the 'Scanned Vendor Bills' header. Underneath is a 'File Uploader' section with a 'Choose a File' button and an 'Upload File' button. Below the uploader is a 'Filters' section with a 'STATUS' dropdown and an 'UPLOAD DATE' range selector (from 1/19/2023 to 1/19/2023) with an 'Apply Filters' button. Below the filters is a 'Refresh' button and a 'Quick Sort' dropdown. Below these is a table with the following columns: VIEW | REVIEW BILL, UPLOAD DATE, FILENAME, SOURCE, VENDOR, VENDOR BILL DATE, DUE DATE, STATUS, and STATUS DESCRIPTION. The table contains two rows of data. The first row has a 'VIEW' button and shows a file named 'TV\_PO2045.pdf' uploaded by 'Mark Wheel' from 'US Vendor', with a vendor bill date of 12/6/2022, a due date of 12/6/2022, and a status of 'Finalized'. The second row has a 'REVIEW BILL' button and shows the same file, uploaded by 'Mark Wheel' from 'US Vendor', with a vendor bill date of 12/6/2022, a due date of 12/6/2022, and a status of 'Under User Review'.

Clicking Review Bill opens the Review Scanned Bill page. This page displays a split view with the scanned file on the left, and the proposed vendor bill form on the right. The Review Scanned Bill page includes the following enhancements in 2023.1:

- Cross-reference highlighting – Select any field on the potential vendor bill on the right, to highlight the corresponding field in the scanned file on the left of the split view.
- Editable Subsidiary field – You can now update this field and select a different subsidiary. The default subsidiary is the one assigned to the NetSuite user in the role they are logged in as.
- Location field suggestions – The Location is populated based on information in the scanned file. You can update this field for all line items using the Location dropdown in the primary information section, or, individually, by editing each line item.
- Maximum entries in dropdowns – In the Items subtab, the number of records in the Item dropdown is dependent on your account's "Maximum Entries in Dropdowns" preference, located at Setup > Company > General Preferences.
- PO Number – A PO Number field is now available for Expense lines.
- Fields populated based on PO – For lines that are linked to PO Numbers, additional fields are populated based on information in the PO when the vendor bill is created, for example, Department and Class.
- Vendor and Account search – The Vendor dropdown now displays both the Entity ID and Company Name, if they are different. The Account field, in the Expenses subtab, displays both the Account Number and Account Name. Type-ahead search is available for the Vendor field and Account field and

will match on any part of the string. For example, Vendor search will match on any part of the Entity ID or Company Name.

- Line item swap – You can now swap line items between the Items and Expenses subtabs. NetSuite learns from these corrections and will implement them the next time a bill is created.

**Review Scanned Bill**

Create Bill Save for Later Cancel

Verify or Select Subsidiary

SUBSIDIARY \*  
Parent Company

Verify or edit primary information

VENDOR \*  
Sorelle Health & Fitness

CURRENCY \*  
USD

LOCATION

Scanned: Sorelle Health & Fitness

REFERENCE NO.  
#990202

PAYMENT TERMS  
Due on receipt

DUE DATE  
12/6/2022

Scanned: On Receipt

Scanned: 12/06/2022

DATE \*  
12/6/2022

AMOUNT \*  
1,874.58

Scanned: 12/06/2022

Add, edit, or verify line items

Expenses 174.28 Items 1,700.30

ITEM *	DESCRIPTION	QUANTITY	UNITS	RATE *	AMOUNT *	LOCATION *	PO NUMBER
✓	VGA Cable	25.00	Ea	13.66	341.5	Oakland, CA	2045
✓	Brocade Extension Switch	30.00	Ea	36.96	1,108.8	Oakland, CA	2045

## Bill Capture Preferences

The Bill Capture Preferences page lets you decide how taxes and shipping costs will be saved in vendor bills when using Bill Capture. You can access the Bill Capture Preferences page at Setup > Accounting Preferences > Bill Capture Preferences. For more information, see the help topic [Bill Capture Preferences](#).

## Bill Capture Considerations in the 2023.1 Release

- US only
- File Support
  - PDF, JPEG, PNG
  - Email, Drag and Drop, and File Explorer
  - Scanned file size is limited to 8 MB
  - PDF file format – 5 page limit
  - JPEG, PNG file format – 1 page limit
  - One bill per JPEG, PNG, PDF file (Multiple bills are not supported.)
  - For email – twenty attached files maximum, each file cannot exceed 5MB, and overall email size cannot exceed 10 MB
  - Email notification replies are not sent if the vendor bill contains a virus or if there is no bill file attached to the email
- Expense lines are partially supported, requiring the use of the swapping functionality for NetSuite to learn from these corrections and implement them the next time a bill is created
- Serial/Lot numbered items, Bins, and Inventory Status are not supported on standalone bills



- Mandatory line level fields are not supported on standalone bills
- Mandatory line level custom segments that are not sourced from the item record on standalone vendor bills, or are not sourced from the purchase order(s) associated with the bill are not supported.
- Custom segments not supported on the Review Scanned Bill page
- Customization is not supported on the Review Scanned Bill page

As of 2023.1, alphanumeric date formats are supported. The following is a list of currently supported date formats:

■ D.M.YYYY	■ YYYY/MM/DD	■ DD-Mon
■ D/M/YYYY	■ M/D/YYYY	■ DD-Mon-YY
■ DD.MM.YYYY	■ MM/DD/YYYY	■ Month DD, YYYY
■ DD/MM/YYYY	■ DD Month, YYYY	■ Month DD, YY
■ M/D/YYYY	■ DD-Month-YYYY	■ Mon-YY
■ MM/DD/YYYY	■ D Month, YYYY	■ Month-YY
■ YYYY-M-D	■ D-Month-YYYY	■ Month/D/YY
■ YYYY/M/D	■ DD-Mon-YYYY	■ Month/DD/YYYY
■ YYYY-MM-DD	■ D-Mon-YYYY	■ Mon-DD-YY

For more information, see the help topic [Email or Upload Vendor Bill Files Into NetSuite Using Bill Capture](#).