NetSuite 2023.1 Release Notes

Revision Date: March 13, 2023
PDF File Version: v5

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

NetSuite · Accounting

- 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
- Brazil Localization
- Country-Specific Address Forms Enhancements
- Country-Specific Reports Hierarchical View of Accounts
- GL Matching Enhancement
- India Localization Enhancements

NetSuite · Account Setup and Maintenance

- 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
- Upcoming Removal of Application Performance Management 1.13.0 and Earlier Versions

NetSuite · Authentication

- 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

NetSuite · Banking

- 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

NetSuite · Globalization

- Changes to Turkey Country Name

NetSuite · Inventory Management

- Warehouse Management Enhancements
- SCM Mobile Enhancements
- Smart Count Enhancements
- Quality Management Enhancements
- Item 360 Dashboard

NetSuite · Manufacturing

- Bill of Materials Support Ending
- Manufacturing Mobile Stand Alone Assembly Build Reporting
- Manufacturing Mobile Backflush Logic has been Updated

NetSuite · NetSuite Connector

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

NetSuite · NetSuite CPQ

- NetSuite CPQ SuiteApps Now Available

- New Rule-Based Item Creation
- Updates to Options Page

NetSuite · Order Management

- 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
- NetSuite Ship Central Now Available
- Philippines Invoicing Printing Preferences and Templates Enhancements
- Singapore Localization Now Available in the SuiteApp Marketplace
- Support for Japan Qualified Invoicing System

NetSuite · Projects

- Project Status Enhancements
- Percent Complete Override Enhancements

NetSuite · 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
- Enhancements to Connect Driver Download Page

NetSuite · SuiteApp Distribution

- Bundle Support During Release Phasing
- Increased Performance for Managed Bundle Upgrades

NetSuite · SuiteBuilder – Customization

- Updated CKEditor for Advanced PDF/HTML Templates

NetSuite · SuiteCloud SDK

- 2023.1 SuiteCloud Extension for Visual Studio Code Is Not Yet Available

- 2023.1 SuiteCloud CLI for Node.js Is Not Yet Available
- 2023.1 SuiteCloud IDE Plug-in for WebStorm Is Not Yet Available
- 2023.1 SuiteCloud CLI for Java Is Not Yet Available

NetSuite · SuiteScript

- 2023.1 SuiteScript Records Browser
- Newly Supported Record Action in 2023.1
- Improvements to the SuiteScript Code Samples Catalog

NetSuite · SuiteTalk Web Services Integration

- 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

NetSuite · Taxation

- SuiteTax
  - Nexus-Level Tax Exemption
  - Tax Reporting Framework Enhancements
    - Tax Item Type and Tax Transaction Type Support for Journal Reporting
    - New Credit Card Transaction Type for Custom Tax Returns
  - 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 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 3.125.0 Issue Fixes
    - International Tax Reports 3.124.0 Issue Fixes
  - Portugal Invoice Certification Enhancements
  - Portugal SAF-T Enhancements
  - Withholding Tax Issue Fixes

NetSuite · User Interface

- Global Search Enhancements
- CKEditor Library Update
- New Preference to Display Inline Editor Sublist Tooltip

NetSuite · Vendors, Purchasing, and Receiving

- Create NetSuite Vendor Bills From Emailed or Uploaded Files
- 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

The 2023.1 release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced will be available in a future release. For the current release notes for these solutions, see the help topic 2022.2 Release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced.

Commerce · SuiteCommerce InStore

- Release Summary

SuiteApps

SuiteApps · SuiteApps (Bundles) Released by NetSuite

- Accounting SuiteApps
- Administration SuiteApps
- Banking SuiteApps
- Inventory Management SuiteApps
- Localization SuiteApps
- Manufacturing SuiteApps
- Order Management SuiteApps
- Taxation SuiteApps
- Vendors, Purchasing, and Receiving 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
- Brazil Localization
- Country-Specific Address Forms Enhancements
- Country-Specific Reports Hierarchical View of Accounts
- GL Matching Enhancement
- India Localization 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
- Upcoming Removal of Application Performance Management 1.13.0 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.

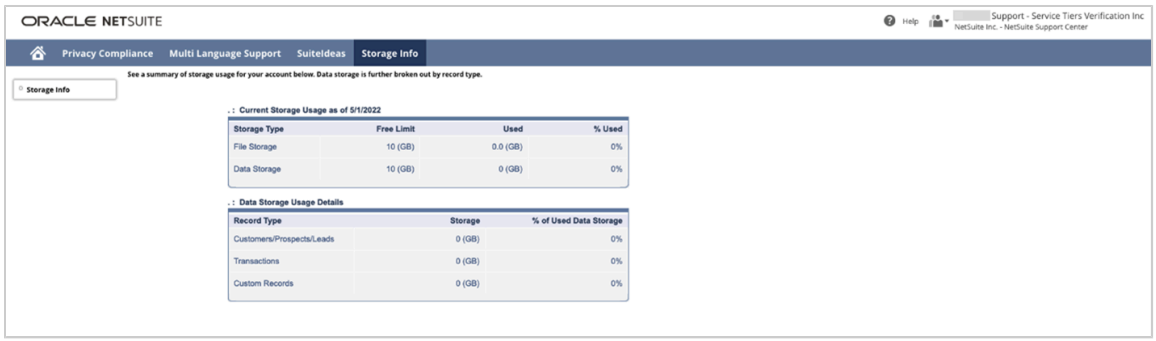
  Note: If you copy PI removal requests, edit your requests to remove unavailable fields. Also, if you have a script that uses a removed address field, you must adjust the script to use the correct field (for example, Billing Address or Shipping Address).

- 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.



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

NetSuite 2023.1 includes the following enhancements to banking features:

- 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

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 Upcoming Removal of Application Performance Management 1.13.0 and Earlier Versions.

SC/SCMA/SCA — SuiteCommerce Solutions

The 2023.1 release of SuiteCommerce, SuiteCommerce MyAccount, and SuiteCommerce Advanced will be available in a future release. For information about the current release, see the help topic 2022.2 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. Administrators set up for customers within a phased group receive an email notification listing when their upgrade will occur.

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

Release 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.

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 Turkiye.

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:

- Warehouse Management Enhancements
- SCM Mobile Enhancements
- Smart Count Enhancements
- Quality Management Enhancements
- Item 360 Dashboard

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

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

NetSuite 2023.1 includes the following enhancements to NetSuite Connector features:

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).

NetSuite CPQ

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

- NetSuite CPQ SuiteApps Now Available
- New Rule-Based Item Creation
- Updates to Options Page

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.

New Rule-Based Item Creation

The Item Creation page in the CPQ Configurator SuiteApp now 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 way, you can reduce 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** tab on the Product page.

Updates to Options Page

The following fields and settings have been added to the Options page 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 box options distributed in two separate sections: Hide Configure Button and Additional Transactions.

The Options page 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 box options under the **Transactions** section.

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
- NetSuite Ship Central Now Available
- Philippines Invoicing Printing Preferences and Templates Enhancements
- Singapore Localization Now Available in the SuiteApp Marketplace
- Support for Japan Qualified Invoicing System

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 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

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
- Enhancements to Connect Driver Download Page

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.

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.

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
- Taxation SuiteApps
- Vendors, Purchasing, and Receiving SuiteApps

Accounting SuiteApps

This release note was updated March 13, 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

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 version 1.0.0 is now available for installation from the SuiteApp Marketplace as a public and managed SuiteApp.

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

- Enables organizations to enter a provisional or agreed rate for each grant.
- Provides the ability to identify which direct costs on the grant are allowable according to the grant agreement and specify any dollar limits.
- Automatically calculates the indirect costs and posts 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.

Administration SuiteApps

This release note was updated February 20, 2023.

Following is the 2023.1 administration enhancement to SuiteApps:

Upcoming Removal of Application Performance Management 1.13.0 and Earlier Versions

As of March 7, 2023, you can no longer use Application Performance Management (APM) SuiteApp version 1.13.0 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 Application Performance Management SuiteApp
- Uninstalling a Bundle

Banking SuiteApps

Following is the 2023.1 banking enhancement to SuiteApps:

- 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

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 February 20, 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 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:

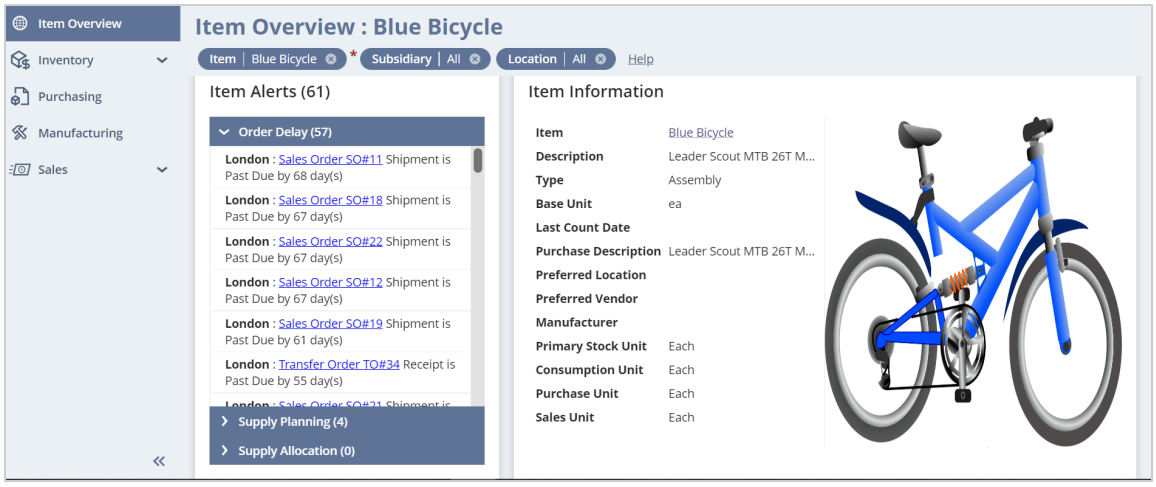
- Item 360 Dashboard Now Available
- Item 360 Dashboard SuiteApp Version 1.1.0

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



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 March 13, 2023.

Following are the 2023.1 localization enhancements to SuiteApps:

- Brazil Localization
- Brazil Reports
- Country-Specific Address Forms Enhancements
- Country-Specific Reports Hierarchical View of Accounts
- GL Matching Enhancement
- India Localization Enhancements
- Support for Japan Qualified Invoicing System
- LATAM File Builder

- Philippines Invoicing Printing Preferences and Templates Enhancements
- Portugal Invoice Certification 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
- U.S. Sales Tax Reports for SuiteTax

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.

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.

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 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 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.

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 the help topic 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.

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.

For more information, see the help topic Portugal Invoice Certification.

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.

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

Following are the 2023.1 manufacturing enhancements to SuiteApps:

- Manufacturing Mobile Stand Alone Assembly Build Reporting
- Manufacturing Mobile Backflush Logic has been Updated

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.

Order Management SuiteApps

This release note was updated February 20, 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

SuiteScript 1.0 (Old Scripts)	SuiteScript 2.0 (New Scripts)
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 9.02.0

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 Single Instant Accounts 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 Single Instant Accounts Needs No Configuration

For Electronic Invoicing SuiteApp in single instance accounts, you need not define the country in the **E-Document Country for Free Use** field. The field is disabled and autopopulated 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 unavailable. 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 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.

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.

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 customizable 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.

Taxation SuiteApps

Following are the 2023.1 taxation enhancements to SuiteApps:

- SuiteTax SuiteApps
  - Tax Reporting Framework Enhancements
    - 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 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 3.125.0 Issue Fixes
    - International Tax Reports 3.124.0 Issue Fixes
  - 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 FrameworkSuiteApp includes the following enhancements in 2023.1:

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

- New Credit Card Transaction Type for Custom Tax Returns

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 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 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:

- ReportUmsatzStVoranmeldung
- ReportUmsatzStErklärung
- TaxonomyId
- PeriodStart
- PeriodEnd

The latest version also includes an updated ElserTransit 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
■ NR-SG ■ EP-SG ■ BL8-SG ■ BL9-SG	**Exclude from VAT Reports** tax code property is added
■ SRCA8-C-SG ■ SRCA8-C-SG	**Purchaser Issued Invoice** 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 version 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 Partner ID.

Old Label	New Label	Description
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 Country of Origin.

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
■ SR8-SG ■ DS8-SG ■ TX8-SG ■ IM8-SG ■ TX8-E33-SG ■ TX8-N33-SG ■ TX8-RE-SG ■ BL8-SG ■ SRCA8-S-SG ■ TX8CA-SG ■ SRRC8-SG ■ SRCA8-C-SG ■ SROVR8-RS-SG ■ SROVR8-LVG-SG ■ SRLVG8-SG	■ SR9-SG ■ DS9-SG ■ TX9-SG ■ IM9-SG ■ TX9-E33-SG ■ TX9-N33-SG ■ TX9-RE-SG ■ BL9-SG ■ SRCA9-S-SG ■ TX9CA-SG ■ SRRC9-SG ■ SRCA9-C-SG ■ SROVR9-RS-SG ■ SROVR9-LVG-SG ■ SRLVG9-SG

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 3.125.0 Issue Fixes
- International Tax Reports 3.124.0 Issue Fixes

International Tax Reports 3.125.0 Issue Fixes

- **Belgium VAT Report** – The Belgium VAT report now recognizes comma (,) as a decimal (.).
- **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.
- **EU Intrastat Report** – Transactions with item names that have < and > are now showing in the Instrastat report.
- **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.
- **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.
- **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.

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.

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

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

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.

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.

SuiteCloud SDK for 2023.1 includes the following features and updates:

- 2023.1 SuiteCloud Extension for Visual Studio Code Is Not Yet Available
- 2023.1 SuiteCloud CLI for Node.js Is Not Yet Available
- 2023.1 SuiteCloud IDE Plug-in for WebStorm Is Not Yet Available
- 2023.1 SuiteCloud CLI for Java Is Not Yet Available

2023.1 SuiteCloud Extension for Visual Studio Code Is Not Yet Available

The 2023.1 SuiteCloud Extension for Visual Studio Code is targeted for release in March 2023.

SuiteCloud Extension for Visual Studio Code provides a UI for NetSuite platform development using SuiteCloud Development Framework (SDF). You can install the SuiteCloud Extension for Visual Studio Code, develop SuiteCloud projects, and deploy them to your account. For more information, see the help topic SuiteCloud Extension for Visual Studio Code Overview.

SuiteCloud Extension for Visual Studio Code is an open-source project published in GitHub. To view its code and get the latest changes, see SuiteCloud Extension for Visual Studio Code GitHub Repository.

2023.1 SuiteCloud CLI for Node.js Is Not Yet Available

The 2023.1 SuiteCloud CLI for Node.js is targeted for release in March 2023.

SuiteCloud CLI for Node.js is a tool that you can use with your own integrated development environment (IDE) or source-code editor to develop SuiteCloud projects. This CLI is optimized for the end-user experience. It is interactive and guides you through all the steps of the communication between your local project and your NetSuite account. For more information, see the help topic SuiteCloud CLI for Node.js Guide.

SuiteCloud CLI for Node.js is an open-source project published in GitHub. To view its code and get the latest changes, see SuiteCloud CLI for Node.js GitHub Repository.

2023.1 SuiteCloud IDE Plug-in for WebStorm Is Not Yet Available

The 2023.1 SuiteCloud IDE plug-in for WebStorm is targeted for release in March 2023.

SuiteCloud IDE plug-in for WebStorm is an integrated development environment (IDE) that is packaged for NetSuite platform development. It provides a UI for SuiteCloud Development Framework (SDF). You can download SuiteCloud IDE plug-in for WebStorm as a plug-in installation, develop SuiteCloud projects, and deploy them to your account. For more information, see the help topic SuiteCloud IDE Plug-in for WebStorm Overview.

2023.1 SuiteCloud CLI for Java Is Not Yet Available

The 2023.1 SuiteCloud CLI for Java is targeted for release in March 2023.

SuiteCloud CLI for Java is the SDF command-line interface. You can use the CLI for Java with your own integrated development environment (IDE) source code editor to create SuiteCloud projects. You can also create batch and shell scripts that use CLI commands to automate your project validation and deployment processes. When used with your own IDE, CLI for Java acts as an alternative to SuiteCloud IDE. For more information, see the help topic SuiteCloud CLI for Java Guide.

SuiteScript

This release note was updated March 13, 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

2023.1 SuiteScript Records Browser

The 2023.1 SuiteScript Records Browser is not yet available.

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

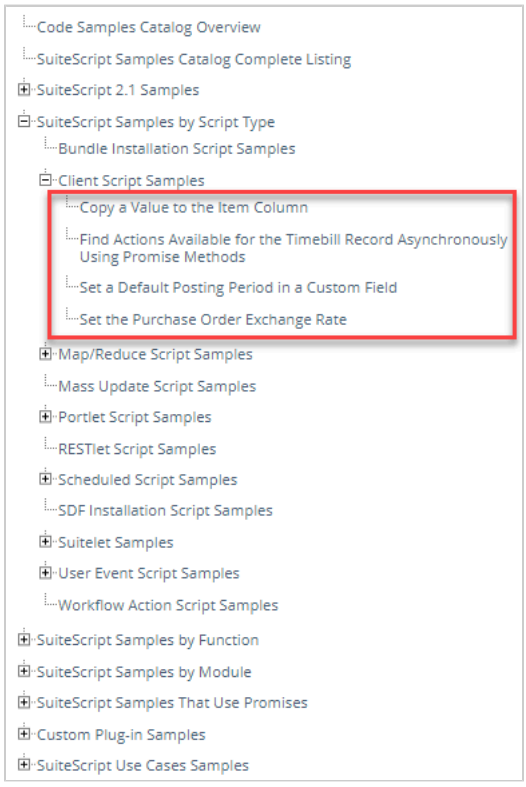
Project Revenue Rules	recalculatepercentcompleteoverride For more information, see the help topic Revenue Recognition Event.	A new action is available on project revenue rules records to enable automatic percent complete recalculation. Check the Percent Complete Automatic Recalculation box to prompt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

Improvements to the SuiteScript Code Samples Catalog

SuiteScript 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.



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

SuiteTalk Web Services Integration

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
Customer Payment	The record ID for the customer payment REST record is **customerPayment**. 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.
Deposit	The record ID for the deposit REST record is **deposit**. The **To Be Printed** field is not exposed to REST web services.
Description Item	The record ID for the description item REST record is **descriptionItem**. This record is not a subrecord, nor does it have any subrecords.
Fulfilment Request	
Item Group	The record ID for the item group REST record is **itemGroup**. The sublist `translations` is not exposed for REST.
Non-Inventory Purchase Items	The record ID for the non-inventory purchase item record is **nonInventoryPurchaseItem**.
Non-Inventory Resale Item	The record ID for the non-inventory resale item REST record is **nonInventoryResaleItem**.

Record Type	Notes
Vendor Return Authorization	The record ID for a vendor return authorization REST record is **vendorReturnAuthorization**. 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 not yet available.

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. The Araxis Merge diff file is not yet available, but this section provides details about the types of information it will include.

- About the Araxis Merge Diff File
- Using the Araxis Merge Diff File

About the Araxis Merge Diff File

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

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

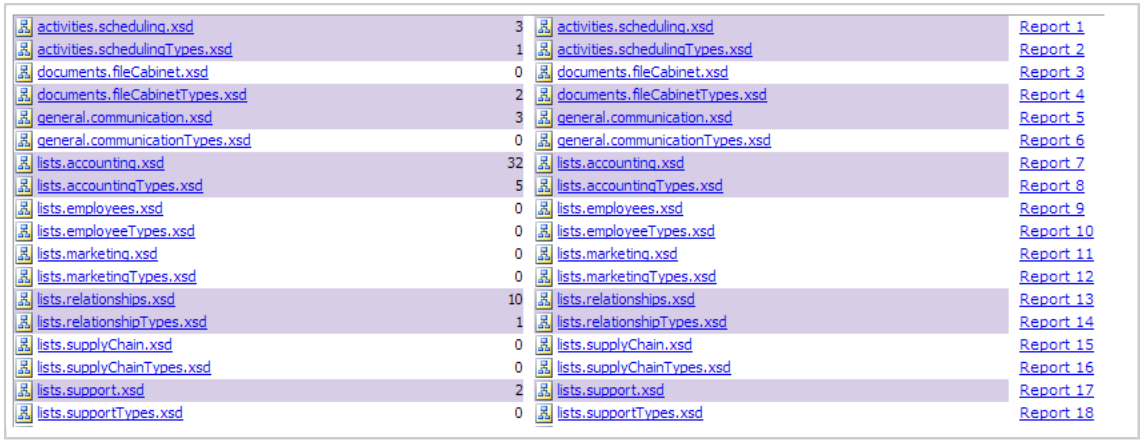
Using the Araxis Merge Diff File

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

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

The following screenshot shows how this summary page looks. In this example, the highlighted rows indicate that an XSD has been modified. The integers at the center indicate the number of changed lines

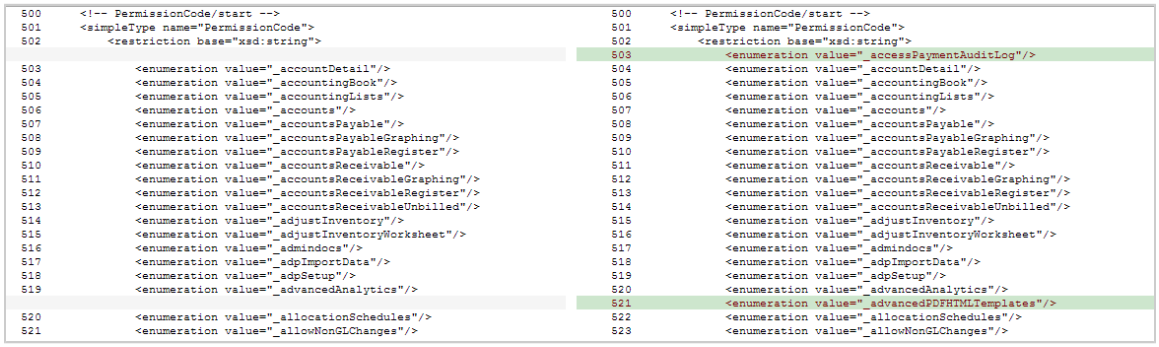
in the file. To see the exact differences, click the report link in the column on the right or click the name of the file in either column.



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

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

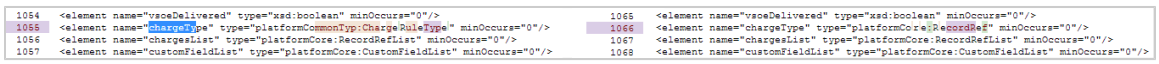
For example, the following screenshot shows an excerpt from the report on platform.commonTypes.xsd. Notice the addition of two values to the `PermissionCode` enumeration: `_accessPaymentAuditLog` and `_advancedPDFHTMLTemplates`.



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

```
500     <!-- PermissionCode/start -->
501     <simpleType name="PermissionCode">
502         <restriction base="xsd:string">
503             <enumeration value="_accessPaymentAuditLog"/>
504             <enumeration value="_accountDetail"/>
505             <enumeration value="_accountingBook"/>
506             <enumeration value="_accountingLists"/>
507             <enumeration value="_accounts"/>
508             <enumeration value="_accountsPayable"/>
509             <enumeration value="_accountsPayableGraphing"/>
510             <enumeration value="_accountsPayableRegister"/>
511             <enumeration value="_accountsReceivable"/>
512             <enumeration value="_accountsReceivableGraphing"/>
513             <enumeration value="_accountsReceivableRegister"/>
514             <enumeration value="_accountsReceivableUnbilled"/>
515             <enumeration value="_adjustInventory"/>
516             <enumeration value="_adjustInventoryWorksheet"/>
517             <enumeration value="_admindocs"/>
518             <enumeration value="_adpImportData"/>
519             <enumeration value="_adpSetup"/>
520             <enumeration value="_advancedAnalytics"/>
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="chargeType" type="platformCommonTyp:ChargeRuleType" minOccurs="0"/>
1056    <element name="chargesList" type="platformCore:RecordRefList" minOccurs="0"/>
1057    <element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>
```

```
1065    <element name="vsoeDelivered" type="xsd:boolean" minOccurs="0"/>
1066    <element name="chargeType" type="platformCore:RecordRef" minOccurs="0"/>
1067    <element name="chargesList" type="platformCore:RecordRefList" minOccurs="0"/>
1068    <element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>
```

2023.1 SOAP Schema Browser

The 2023.1 SOAP Schema Browser is not yet available.

Taxation

NetSuite 2023.1 includes the following enhancements to taxation features:

- SuiteTax
  - Nexus-Level Tax Exemption

- Tax Reporting Framework Enhancements
  - Tax Item Type and Tax Transaction Type Support for Journal Reporting
  - New Credit Card Transaction Type for Custom Tax Returns
- 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 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 3.125.0 Issue Fixes
    - International Tax Reports 3.124.0 Issue Fixes
  - Portugal Invoice Certification Enhancements
  - Portugal SAF-T Enhancements
  - Withholding Tax Issue Fixes

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

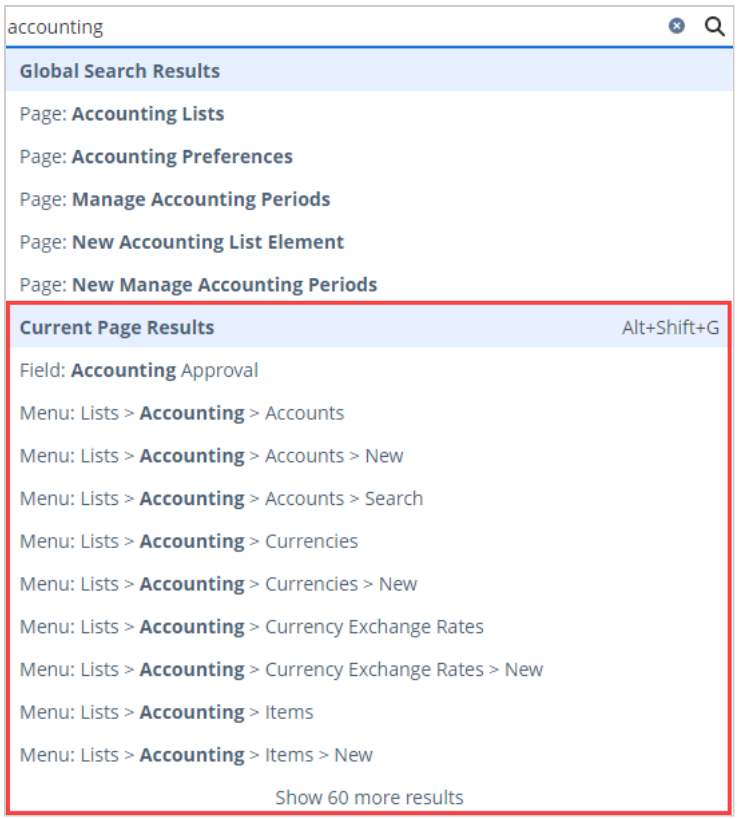
NetSuite 2023.1 includes the following enhancement to the NetSuite User Interface:

- 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 Menu Search.

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).

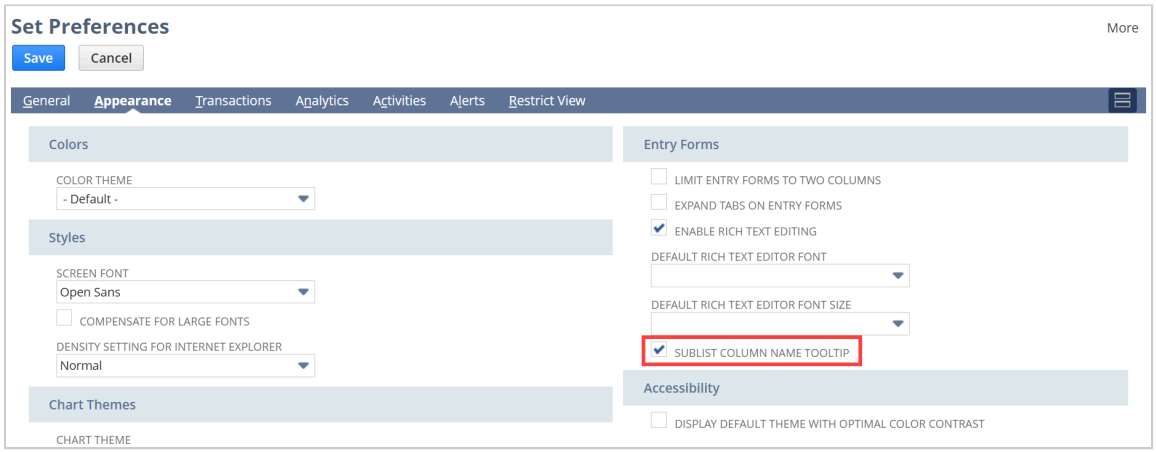
For more information, see the help topic Viewing and Editing Records



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

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

- Create NetSuite Vendor Bills From Emailed or Uploaded Files
- 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.

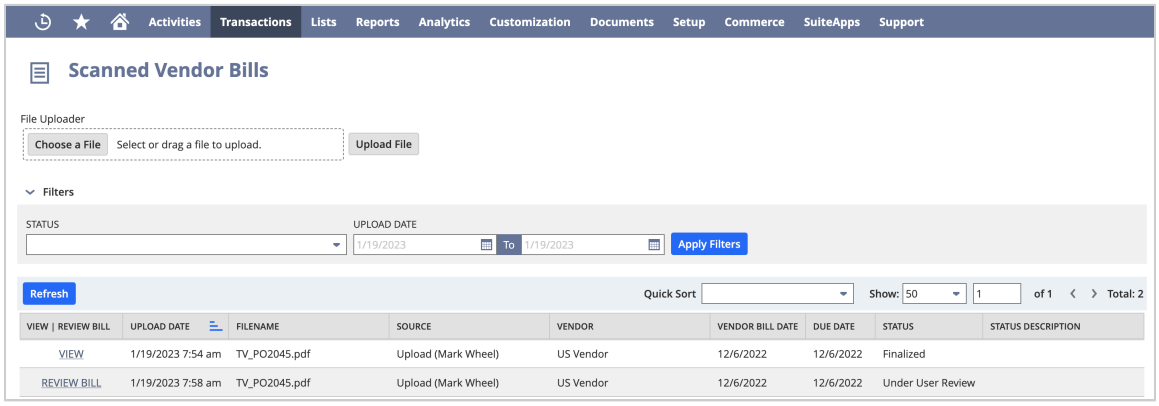
Using Bill Capture, you can email or upload PNG, PDF, or JPG vendor bill files to create NetSuite vendor bills. This feature minimizes the data entry effort and reduces manual errors and inconsistencies that

occur when entering vendor bills. NetSuite also learns from user corrections, making better suggestions with time.

Bill Capture is part of the AP Automation module, which 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.

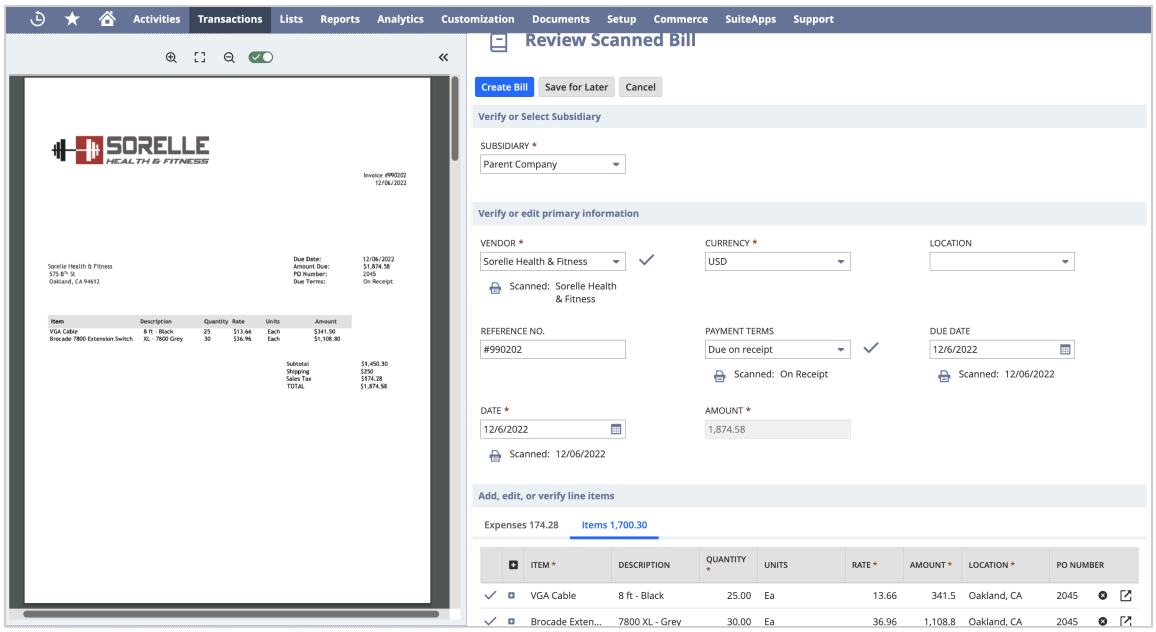
Emailed and uploaded files are displayed on the Scanned Vendor Bills page. The Scanned Vendor Bills page includes the following enhancements in 2023.1:

- 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



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.



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 5 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 manually supported and are not taken from the scanned bill file.
- Serial/Lot numbered items 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.