

NetSuite 2018.2 Release Notes

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Important: This document summarizes the changes to NetSuite between 2018.2 and the previous release.

These release notes are subject to change every week.

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

The 2018.2 enhancements and changes listed in this document are not available to customers until they are upgraded to NetSuite 2018.2. Please check the version number at the bottom of your Home page if you are unsure which NetSuite version you are using. The features and SuiteApps described here may not be available in your NetSuite account. Your access to these features and SuiteApps is subject to the terms of service in your NetSuite contract. Some features may require extra purchase.

Click links below for details about product changes:

NetSuite

NetSuite · Accounting

[Period End Journal Entries Feature](#)
[System-Generated Journal for NetSuite OneWorld](#)
[Configuration to Not Run Custom GL Lines Plug-ins on Closed Periods](#)
[GL Audit Numbering Enhancement](#)
[Removal of 1099-MISC and 1096 Forms](#)
[Enhancement for Advanced Revenue Management](#)
[New China Cash Flow Item Subsidiary Setup](#)
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NetSuite · Administration

[Changes to Release Preview Access for 2018.2](#)
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[New Wizard to Set Up NetSuite Two-Factor Authentication \(2FA\)](#)
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[Long-Abandoned Passwords for Customer Center Roles to be Reset](#)
[Better Protection from Malware and Spam in Inbound Email Messages](#)

New Subdomain for NetSuite Notification Email
 Multi-Subsidiary Entity Enhancements
 Memorized Transaction Enhancements
 Application Performance Management (APM) Enhancements
 Multi-Language Support for Support Cases

NetSuite · Banking

Changes to Account Reconciliation
 Confirm In-Transit Vendor Payments
 Download and Decrypt Statement Files
 New CSV Statement Format Requirements

NetSuite · Customer Relationship Management (CRM)

Intercompany Time and Expenses Feature Now Compatible with Multi-Subsidiary Customer Feature
 Multiple Recipients in Email Messages Sent From Customer Record
 New File Upload Restrictions for the File Cabinet

NetSuite · Employee Management

SuitePeople Core HR Videos
 Time-Off Management and Timesheet Integration
 Time-Off Expiry Notifications in the Employee Center
 Corporate Card Expenses
 Time Tracking Enhancements
 Multi-Subsidiary Support for Time and Expenses
 Expense Report Enhancements
 Expense Details Search Enhancements
 Associating Deductions and Earnings Payroll Item Types with Additional Accounts
 Effective Dating Date Format Change
 New Configurable Fields Added to Employee Directory and Org Browser
 Time-Off Request Enhancements
 Onboarding Checklist SuiteApp

NetSuite · Inventory Management

Supply Chain Control Tower Available in All Accounts
 NetSuite WMS
 Quality Management
 Supply Chain Management Enhancements

NetSuite · Manufacturing

Phantom Assembly Standard Cost Enhancements
 Advanced Manufacturing

NetSuite · Order Management

Flat Rate and Percentage Discount Combination Field for SuiteBilling
 Multi-Subsidiary Customer Enhancements for Intercompany Time and Expenses
 Decimal Precision Enhancements for SuiteBilling
 Payment Instrument
 Return Address Subrecord on Item Fulfillment Transactions
 Southeast Asia Localization SuiteApp
 Electronic Bank Payments Enhancements
 Electronic Invoicing Enhancements
 Usage Data RESTlet for SuiteBilling

NetSuite · Projects

Planned Work

Sales Order Project Charge Rules

Advanced Project Profitability Enhancements

Project Revenue Recognition Percent Complete Enhancements

Resource Allocation Chart/Grid Enhancements

NetSuite · Vendors, Purchasing, and Receiving

In-Transit Payments

NetSuite · Taxation

Making Tax Digital Support for UK VAT

New Country Tax Reports for SuiteTax

Added Deferred VAT Recognition and Journal Entry Creation

International Tax Reports SuiteApp version 3.100.0

International Tax Reports SuiteApp version 3.101.0

Spain Online VAT Register (Immediate Supply of Information "SII") v.1.1

Mexico Complementary Trial Balance

Golden Tax Export File Enhancements

Added New Page To Control All China-Specific Features

FTA VAT Audit File (FAF) for the United Arab Emirates

Withholding Tax Quarterly Report Form 1601-EQ for the Philippines

Malaysia Sales and Service Tax (SST-02) Return

Germany Monthly/Quarterly VAT Return Update

Belgium Intrastat Report Update

NetSuite · User Interface

Changes to Date Formats

New Feedback Button

NetSuite Help Center Enhancements

Commerce**Commerce · Commerce Applications**

SuiteCommerce Release Notes

Commerce · Site Management Tools

CMS Page Record

Commerce Category Visibility Dates

Custom Content Type Enhancements

Image Manager

Landing Page Publication

Tags for Landing Pages

Tags for SMT Content

Text Editor Updates

Commerce · Commerce Merchandising

Merchandise Hierarchy

Commerce · Commerce Platform

Availability of Subscription Email in Multiple Languages

System Email Templates for Web Store Email Messages

SuiteScript 2.0 for SSP Applications
 Automatic Cache Invalidation Improvements
 Long-Abandoned Passwords for Customer Center Roles to be Reset
 Search Engine Access to Shopping Carts
 Secure Hosted Web Pages

Commerce · SuiteCommerce InStore

Upcoming Deprecation of the Submit on Update Checkbox
 Update to the SCIS for Windows Mobile App
 Update to the SCIS for iOS Mobile App
 Cash & Carry Field on Sales Transactions
 Enhancement to Image Resizing in SCIS
 Enhancements to the Workflow for Returns
 Ability to Create Extensions for SCIS
 Transaction History in SCIS
 EMV Processing Optimization
 Ability to Assign Customers to Orders in Fallback
 Ability to Assign Sales Reps to Transactions in Fallback
 Split Payments in Fallback
 Transaction Differences in Fallback

SuiteCloud Platform

SuiteCloud Platform · SuiteBundler

Bundle Support during Release Phasing
 Updates Required to Existing Objects for Custom Segment Unified IDs

SuiteCloud Platform · SuiteBuilder - Customization

Updates to Advanced Template Field Selector
 Advanced Template Printing Support for Custom Records
 Advanced Template Created Dynamically for Saved Searches
 Updated Version of CKEditor Used in Advanced Template Editor
 Unified ID Available for Custom Segments
 Custom Record Script ID Available in the Custom Segment Search
 Script ID Available in the Custom Record Type Saved Search
 Support for Additional Records Added to Custom Segments
 Show in List Option Added for Custom Segments
 Standardized Button Functionality on Customization Configuration Pages
 Ability to Customize Standard Field-Level Help
 Bill Data Presentment SuiteApp – Alpha Version

SuiteCloud Platform · SuiteAnalytics (Dashboards, Reporting, and Search)

SuiteAnalytics Workbook Beta Feature
 New SuiteAnalytics Connect Views for SuiteBilling Subscriptions
 2018.2 SuiteAnalytics Connect Browser
 New Read All Permission for SuiteAnalytics Connect
 NetSuite Password Policies Now Apply to SuiteAnalytics Connect
 Enhancements to Dashboard Tiles SuiteApp
 Multi-Language Support for Navigation Portlet

SuiteCloud Platform · CSV Import

Newly Supported Record Types for CSV Import
 Change to Working with Intercompany Time and Expenses through CSV Import

Merchandise Hierarchy Sublist on Selected Item Types
Tax Registrations Sublist on Selected Entity Types

SuiteCloud Platform · SuiteFlow (Workflow Manager)

New Options to Keep Instance and History
Actions Added to Sublist Action Group
SDF Support for Workflow Definitions
New State Transition Tool
Complete Set of Contexts Available
Change to Workflows for Intercompany Time and Expenses
SuiteFlow Support for Custom Segment Unified ID
Effective Dating Date Format Change

SuiteCloud Platform · SuiteScript

SuiteScript 2.0 – Support for SuiteAnalytics Workbook Beta
SuiteScript 2.0 – Record Action and Macro APIs
SuiteScript 2.0 – Message Enhancements
SuiteScript 2.0 – Asynchronous Search Enhancements
Application ID Support for RESTlets Using NLAAuth Authentication
SuiteScript Support for Unified Script IDs on Custom Segments
SuiteScript 2.0 – Enhancements to DATETIME Field Queries
SuiteScript 2.0 – Enhancements for Scriptable Cart
SuiteScript 2.0 – Client Script Performance Enhancement
SuiteScript 2.0 – New Settings Parameter for Search API
Change to Scripting with Payment Methods
Change to Scripting with Item Fulfillment Return Addresses
Change to Scripting for Intercompany Time and Expenses
SuiteScript 2.0 for SSP Applications
Effective Dating Date Format Change
Script ID Available in the Custom Record Type Saved Search
2018.2 SuiteScript Record Exposures
SuiteScript 1.0 – Update to nlObjContext.getPreference('dateformat')
2018.2 SuiteScript Records Browser

SuiteCloud Platform · SuiteTalk (Web Services) Integration

Unified Governance for Internal Applications
Newly Supported Record Types for SuiteTalk
SuiteTalk Support for Unified Script IDs for Custom Segments
Change to Working with Intercompany Time and Expenses through Web Services
Change to Working with Disabled Field Values on Custom Records
Field Exposures Related to In-Transit Payments on the Vendor Payment Record
Sublist Exposure on the Inbound Shipment Record
Tax Registrations Sublist on Entity Records
Release Preview Version of 2018.2 WSDL Now Available
Araxis Merge Diff File for the 2018.2 Endpoint
2018.2 SuiteTalk Schema Browser

SuiteCloud Platform · SuiteCloud IDE

SuiteCloud IDE 2018.2 for Eclipse Now Available for Download
SuiteCloud IDE for Eclipse Kepler No Longer Supported
SuiteCloud IDE 2018.2 for WebStorm Now Available for Download
Support for SuiteScript Code Completion in WebStorm
Compare Files or Objects in Your SDF Project to the Account Version
NetSuite-Issued TBA Tokens Supported for Login to NetSuite from SuiteCloud IDE

Ability to Import Files and Scripts into an Account Customization Project using WebStorm

SuiteCloud Platform · SuiteCloud Development Framework

Custom Segments Supported in SDF

SuiteScript Server Page Applications (SSP Apps) Supported in SDF

Map/Reduce Script Deployments Now Require Title Elements

SDF Project Size Limit Increase

Workflows in SDF Now Support Sublist Action Groups

Workflows in SDF Now Support the Visual Builder in the Condition Builder

Published Dashboards in SDF Now Support the Reminders Portlet

Saved CSV Import Maps in SDF Now Support Custom Transactions

Ability to Deploy Account Customization Projects that Contain Account-Specific Values

New SDF CLI Command to Save a TBA Token

New SDF CLI Command to Create SDF Projects

SDF SDK 2018.2 Now Available for Download

New SDF CLI Option to Skip a Warning

SuiteApps

SuiteApps · SuiteApps (Bundles) Released by NetSuite

Accounting SuiteApps

Administration SuiteApps

SuitePeople SuiteApps

Order Management SuiteApps

Inventory Management SuiteApps

Localization SuiteApps

Manufacturing SuiteApps

Projects SuiteApps

SuiteAnalytics SuiteApps

SuiteBuilder Customization SuiteApps

Taxation SuiteApps

Accounting


NetSuite 2018.2 includes the following enhancements to accounting features:

- Period End Journal Entries Feature
- System-Generated Journal for NetSuite OneWorld
- Configuration to Not Run Custom GL Lines Plug-ins on Closed Periods
- GL Audit Numbering Enhancement
- Removal of 1099-MISC and 1096 Forms
- Enhancement for Advanced Revenue Management
- New China Cash Flow Item Subsidiary Setup
- China Voucher List Enhancements
- China-Specific Reports Enhancements
- New Financial Reports for China
- New Japan Financial Statements SuiteApp
- SuiteApprovals V2.0
- Fixed Assets Management Enhancements

- [Revenue/Expense Reclassification of Accounts by Region](#)
- [China Localization: China Voucher List](#)

Period End Journal Entries Feature

View the New Feature Training videos for Period End Journal Entries:

-  [ERP: Period End Journal Entries - Part 1](#)
-  [ERP: Period End Journal Entries - Part 2](#)
-  [ERP: Period End Journal Entries - Part 3](#)

The standard NetSuite behavior of calculating consolidation and year end closing dynamically in financial reports meets the requirements of many companies and their subsidiaries. Some companies or their subsidiaries, however, need to record entries in the general ledger for income statement closing and consolidation journals.

Beginning with 2018.2, the Period End Journal Entries feature automates **posting** period end journals to record consolidation and income statement closing journals to the general ledger. The Period Close Checklist includes a Create Period End Journals task when this feature is enabled.

With this new feature, you can:

- Enable the feature on a per-subsiary basis. If you use the Multi-Book Accounting feature, you can enable the feature on a per-subsiary, per-accounting book basis.
- Generate income statement closing journals at subsidiaries' fiscal year end to close out their net income into retained earnings.
- Generate income summary journals to post net income to a selected account before income statement closing journals post to retained earnings. Some countries, such as Germany and France, require the posting to separate account before posting to retained earnings.
- Generate consolidation journals at each period end. Consolidation journals record the change in a child subsidiary since the beginning of the period, consolidated into the parent using the cumulative translation adjustment account.
- Generate balance sheet closing journals for the year end and opening journals for the new year. The opening balance journal is a requirement for the France tax audit file (FEC file).
- Number period end journals using the GL Audit Numbering feature for statutory compliance.
- Generate period end journals by each distinct general ledger segment (class, department, location, or any custom segment that has the GL Impact box checked).
- Search period end journals using the standard search functionality.
- Run period end financial reports:
 - Post Closing Trial Balance (new report)
 - General Ledger (enhanced to run in period end mode)
 - Account Register (enhanced to run in period end mode)

These enhancements are provided without any changes to existing financial reports to minimize the impact to your existing reporting workflows.

The Period End Journal Entries feature introduces a new accounting preference and several subsidiary preferences to configure the behavior of the Creating Period End Journals task.

For complete information, see the help topic [Period End Journal Entries](#).

System-Generated Journal for NetSuite OneWorld

NetSuite 2018.2 provides a new system-generated, read-only journal. This journal represents the general ledger impact of payments that are at varying states of completeness in your system. In some countries, in-transit payments are not considered received until the payment is deposited in the payee's bank account.

To view system journals, on the bill payment record, click the Related Records subtab. Click the number link associated with the system journal you want to view. You must have at least View level of the Make Journal Entry permission to view system journals.

For details about payments in transit, see [In-Transit Payments](#). For details about reconciling in-transit payments, see [Confirm In-Transit Vendor Payments](#).

For additional information about system-generated journals, see the help topic [System-Generated Journals for Payments](#).

Configuration to Not Run Custom GL Lines Plug-ins on Closed Periods

A new Run in Closed Periods box has been added to the Custom GL Lines Plug-in configuration page. Check the box to run the custom GL plug-in on transactions in closed periods. If the box is not checked, the custom GL plug-in is not run on transactions in closed periods, which preserves the original GL impact of the custom GL lines. If you do not run the custom GL lines plug-in on closed periods, you also eliminate the possibility of seeing a GL impact change in closed period error message.

The Run in Closed Periods setting only affects transactions that have a posting period, for example, invoice. In a Multi-Book environment, the setting is verified on a book-specific basis.

The Run in Closed Periods box is checked by default for all existing custom GL lines plug-ins. To change the behavior of an existing plug-in and not run it in closed periods, edit the configuration settings and clear the Run in Closed Periods box. Any existing GL lines on transactions in closed periods are not deleted.

The Run in Closed Periods box is not checked by default for new custom GL line plug-ins.

GL Audit Numbering Enhancement

Prior to 2018.2, you could create a GL numbering sequence only from the GL Audit Numbering Sequence and GL Audit Numbering pages. In 2018.2, you can also create a GL numbering sequence from the GL Audit Numbering Sequences page at Transactions > Management > GL Audit Numbering Sequences. For information about the GL Audit Number feature, see the help topic [GL Audit Numbering](#). For information about the GL Audit Numbering Sequences page, see the help topic [Viewing GL Audit Numbering Sequences](#).

Removal of 1099-MISC and 1096 Forms

In NetSuite 2018.2, NetSuite no longer supports 1099-MISC and 1096 forms. The 1099-MISC and 1096 reports that were previously found at Reports > Sales Tax US are no longer available. If you have not already done so, you must find another provider for your 1099-MISC and 1096 reporting needs.

NetSuite still supports the tracking and reporting of 1099-MISC payments. You can create reports or saved searches for vendor payments using the **1099 Eligible** box on the Vendor record and the **1099-MISC** category on the Account record.



Important: If you are a NetSuite Payroll customer, 1099-MISC payments that you process through Payroll are not be affected by this deprecation.

Enhancement for Advanced Revenue Management

The Update Revenue Arrangements and Revenue Plans page has a new filter, **Source Record Type**. This filter enables you to control the source for revenue arrangement and revenue plan generation when other features that work with Advanced Revenue Management are enabled. This filter is added to the page only when at least one of the additional features that the source records depend on is enabled.

The source record options and feature dependencies are as follows:

- **All** – No filter is applied. This option is the default.
- **Project Revenue Rule** – This option is available only when Charge-Based Billing is enabled.
- **Subscription Line** – This option is available only when SuiteBilling is enabled.
- **Third Party** – This option is available only when the limited release Revenue Management Plug-In is enabled.
- **Transaction Line** – This option is always available when the filter is displayed.

When you select a specific source record type and click **Update Revenue Arrangements**, revenue elements and arrangements are generated only for that source record type.

When you select a source record type and click **Update Revenue Plans**, revenue recognition plans are generated only for revenue elements from that source record type.

The Source Record Type filter is applied only when you access the Update Revenue Arrangements and Revenue Plans page from one of these two menu paths:

- Transactions > Financial > Update Revenue Arrangements and Revenue Recognition Plans
- Financial > Other Transactions > Update Revenue Arrangements and Revenue Recognition Plans

When you access this page from the Revenue dashboard or Revenue > Revenue Arrangements > Update Revenue Arrangements, the update process begins immediately and skips any filter you set.

Administration

NetSuite 2018.2 includes the following enhancements to Administration features:

- [Changes to Release Preview Access for 2018.2](#)
- [Advance Notice: Deprecation of Sandbox Domain](#)
- [New Wizard to Set Up NetSuite Two-Factor Authentication \(2FA\)](#)
- [Administrators No Longer Required to Provide Initial Passwords for Users](#)
- [Two-Factor Authentication \(2FA\) Required for NetSuite Access as Administrator and Other Highly Privileged Roles](#)
- [End of RSA SecurID Access to NetSuite](#)
- [Sandbox Account Name Suffix Always Available to Change](#)
- [NetSuite No Longer Enabling New Solutions for Inbound SSO with Web Services](#)
- [Long-Abandoned Passwords for Customer Center Roles to be Reset](#)
- [Better Protection from Malware and Spam in Inbound Email Messages](#)
- [New Subdomain for NetSuite Notification Email](#)

- Multi-Subsidiary Entity Enhancements
- Memorized Transaction Enhancements
- Multi-Language Support for Support Cases
- Application Performance Management (APM) Enhancements

Changes to Release Preview Access for 2018.2

For this release, we are not automatically providing Release Preview accounts to all customers. Instead, we are supporting an option for customers to opt in to Release Preview for 2018.2. If you have not yet received 2018.2 Release Preview dates, and you would like access to a 2018.2 Release Preview account, you can use this option. We will send email notifications to impacted customers that will explain how to opt in to Release Preview.

Advance Notice: Deprecation of Sandbox Domain

In 2018.1, we encouraged you to start moving your sandbox accounts from the sandbox domain to the NetSuite domain. We would like to remind you to continue with this transition over the next several months because in 2019.1, the sandbox domain will be deprecated.

This transition occurs as part of the sandbox refresh. After the sandbox refresh, your users log in to the sandbox account on the NetSuite domain at <https://system.netsuite.com>. Users can choose between their production and sandbox roles on the Choose Role page or Change Roles list. Note that attempts to log in using the old sandbox URL no longer work after the refresh completes.

In addition, when a primary sandbox account transitions to the NetSuite domain, its account ID changes. Prior to the transition, a primary sandbox account has the same account ID as the related production account. After the transition, the sandbox account's ID is appended with _SB1. If you have integrations to these sandbox accounts, you must update these integrations to point to the right account ID. This ensures that integration requests continue to work after the transition.

Given the requirements needed to successfully complete this process, we encourage you to avoid waiting until the last moment to make this transition. Instead, plan to refresh your account at a time that works best for your company.

For more information, see the help topics [Sandbox Pre-transition Checklist](#) and [FAQ: Sandbox Transition](#).

New Wizard to Set Up NetSuite Two-Factor Authentication (2FA)

The two-factor authentication (2FA) popup windows where users configure their 2FA preferences for access to NetSuite have been redesigned to improve the user experience. The new Two-Factor Authentication pages guide users through the entire process to set up their preferred primary and secondary authentication options.

For more information, see the help topic [Two-Factor Authentication](#).

Administrators No Longer Required to Provide Initial Passwords for Users

Administrators no longer have to provide a password when giving initial NetSuite access to a user. This is a significant change from past practice. The standard NetSuite user access email templates now

contain a link that lets users create their own NetSuite passwords. The following changes were made to the Access tab of Employee, Customer, Partner, and Vendor records include:

- The Send Notification Email box is now labeled Send New Access Notification Email. You should check this box when initially giving NetSuite access to a user, rather than manually assigning a password.
- The Password and Confirm Password fields are disabled by default.
- A new Manually Assign or Change Password box has been added. You should let users to create their own passwords by checking the Send New Access Notification Email box. However, there are some situations when an administrator must assign or change a user's password. Checking the Manually Assign or Change Password box enables the Password and Confirm Password fields.
- A separate Access tab is now available on Customer, Partner, and Vendor records. Access fields are no longer located on the System Information subtab.

Standard NetSuite user access email templates now contain a synthetic field. This field triggers the generation of a temporary URL with a verification code that is included in the email notification sent to users for accessing NetSuite. The user can click the URL in the notification email, and create a NetSuite password. The standard user access templates that contain the new field are:

- Customer Center Access Email (Internal ID: 207)
- Partner Center Access Email (Internal ID: 208)
- User Access Email (Internal ID: 206)

The User Access Email template (206) is for employee or vendor users. You can access all of these templates from Setup > Company > Email > System Email Templates.


Your company might have customized versions of these user access email templates. If you want to take advantage of this feature, add the new synthetic field to your customized templates.

The format of the synthetic field is:

```
${access.passwordSetupURL}
```

For information about customizing templates, see the help topic [Customizing Templates for System-Automated Email](#).

There is also a new company setting on the General Preferences page. Go to Setup > Company > General Preferences. The setting is **User Registration Link Expiration In Hours**. You can set the length of time that the URL generated by the synthetic field remains valid. By default, the expiration in hours value is set to 24 hours. This information is included in the text of the standard user access email templates. Valid values range from one hour to 72 hours. If you change the default value for the setting, you must also update the value in the text of the email templates.

 **Note:** When the Give Access and the Send New Access Notification are checked, the standard email template containing the link is sent as a secure email. The email to the user comes from the address <nlmailer@netsuite.com>.

Two-Factor Authentication (2FA) Required for NetSuite Access as Administrator and Other Highly Privileged Roles

For enhanced security, NetSuite 2018.2 requires two-factor authentication (2FA) for all Administrator, Full Access, and other highly privileged roles in all NetSuite accounts. This requirement includes access to production, sandbox, development, and Release Preview accounts. The Administrator and Full Access roles are designated as 2FA authentication required by default, and this requirement cannot

be removed. Certain highly privileged permissions mandate that a role be 2FA required by default. Any standard or customized roles that include these permissions are indicated in the **Mandatory 2FA** column on the Two-Factor Authentication Roles page.

For more information, see the following topics:

- [Permissions Requiring Two-Factor Authentication \(2FA\)](#)
- [Designate Two-Factor Authentication Roles](#)

Access to the NetSuite UI

NetSuite offers a free 2FA solution that provides both online and offline methods for receiving verification codes. See the help topic [Two-Factor Authentication](#) for more information. The first verification code users need is sent by email. At the first 2FA login, users with highly privileged roles are prompted to set up their preferred and backup methods for receiving verification codes. For more information, see the help topic [Logging In Using Two-Factor Authentication \(2FA\)](#).

Users can choose to have their login device trusted by NetSuite for the length of time specified by an administrator in the **Duration of Trusted Device** column for a role. Per session is the default setting for trusted devices. For more information, see the help topic [Designate Two-Factor Authentication Roles](#).

For general information for Administrators about 2FA in NetSuite, see the help topic [Two-Factor Authentication](#). For general information for all users, see the help topic [Using 2FA](#).

Non-UI Access to NetSuite

Integrations that employ user credentials to access NetSuite might be affected by this change, particularly in the following situations:

- NLAAuth for RESTlets or for SuiteTalk (web services) integrations that employ the [login](#) operation using the passport element in the LoginRequest.
- Inbound SSO integrations that use the [mapSso](#) operation.

For more information, see the help topic [Mandatory Two-Factor Authentication \(2FA\) for NetSuite Access](#).



Important: In your integrations, you might need to use certain functions that require a highly privileged role. You should transition these integrations to use token-based authentication (TBA) rather than user credentials, or specify a less-privileged role that does not require 2FA. For more information, see the help topic [Token-based Authentication \(TBA\)](#). For information about using TBA with your integrations, see the help topic [Integration Management](#).

As a reminder, per your agreement with our Terms of Service, you cannot share a single user login (user credentials) among multiple users. Refer to the [Terms of Service](#), section 2.2: **Users: Passwords, Access, And Notification**. Customer shall authorize access to and assign unique passwords and user names to the number of Users procured by Customer on the Estimate/Order Form. **User logins are for designated Users and cannot be shared or used by more than one User**, but any User login may be permanently reassigned to another User as needed.

End of RSA SecurID Access to NetSuite

For the past several releases, NetSuite has offered a free, built-in two-factor authentication (2FA) solution. The RSA feature is no longer available for purchase by new customers. Customers still using

the RSA feature should switch to the NetSuite 2FA solution as soon as possible. For more information, see the help topic [Two-Factor Authentication](#).

The RSA feature is retired as of 2018.2. All customers still using RSA will be transitioned to the NetSuite 2FA solution when they are upgraded to 2018.2.

Sandbox Account Name Suffix Always Available to Change

Previously, when you created a new sandbox account, you had the opportunity to add a suffix to the account name. Now, you can change or update your account name suffix before every refresh or activation.

This option helps users differentiate between multiple accounts. After entering the desired text for the suffix, to submit the request for a sandbox refresh, click **Copy Data to Sandbox** or **Refresh Sandbox**. The suffix is appended to the account name and appears in the Account Name field after the refresh is complete and the account is activated.

For details, see the **Account Name Suffix: Labeling Your Sandbox Account on the NetSuite Domain** section of [About Sandbox Accounts on the NetSuite Domain](#).

NetSuite No Longer Enabling New Solutions for Inbound SSO with Web Services

As of 2018.2, we will no longer enable new Inbound Single Sign-on (SSO) solutions for use with SuiteTalk (web services) for new customers or new partners. Current partners may continue to sell their existing Inbound SSO solutions to new customers; however, we strongly recommend you consider other options. In the time since the Inbound SSO feature was introduced, there have been many technological advances that provide better options for inbound SSO with web services. If you are designing a new inbound SSO solution for web services, you should use token-based authentication (TBA). TBA is a mature, robust, and secure option for handling web services communications. For more information about TBA, see the help topic [Token-based Authentication \(TBA\)](#). For information about using TBA with your integrations, see the help topics [Integration Management](#) and [Token-Based Authentication Details](#).

Long-Abandoned Passwords for Customer Center Roles to be Reset

The action of a user registering on your SuiteCommerce website creates a customer, lead, or prospect record in your NetSuite account. Not all users registering on your website remain active users, logging in again or purchasing items. These less active users may forget the login name and password that they entered there. After 2018.2 upgrades are complete, we will reset passwords associated with website customers who meet either of the following criteria:

- The website customer has not logged in within the previous three years.
- It has been more than 90 days since the customer registered a login name and created a password, and the customer never logged in again.

The customer, lead, or prospect record is retained in your NetSuite account. Only the existing password is removed from the record. Users whose passwords have been reset can still attempt to log in. These users will receive an error message that their password has expired. For information on how to customize the error message, see the help topic [Customizing Website Text](#).

Better Protection from Malware and Spam in Inbound Email Messages

To better protect your NetSuite account, we have applied a new malware filter on inbound email. This filter completely blocks any email with attachments that contain malware. This blocking prevents the redistribution of malware that may be present in email attachments you receive. When malware is detected in an attachment, both the email and the attachment are blocked. The sender receives a message that the email bounced. The intended recipient is not notified about the blocked email.

We also instituted a DNS blacklist query that prevents NetSuite from redistributing spam from suspected or known spammers and phishers. These two new safeguards help to ensure your email is delivered as intended.

New Subdomain for NetSuite Notification Email

With the October 17, 2018 e-fix, some email currently sent from @netsuite.com will start arriving from a new subdomain: @notification.netsuite.com. The types of email sent from this address include notifications to administrators about activity in their accounts, such as:

- Successful user-initiated password resets
- Six consecutive login failures
- Six consecutive failures to submit a valid two-factor authentication verification code

This change segregates notification email from other email traffic sent from @netsuite.com. There should be no adverse effect on the delivery of these notifications to your account. However, it is possible that your company has set up strict rules in your email infrastructure or email agents that could prohibit delivery of email from the new subdomain. Please verify with the person responsible for the email infrastructure in your company that email from notification.netsuite.com will be accepted by your email agents.

Multi-Subsidiary Entity Enhancements

If you use NetSuite OneWorld, 2018.2 provides the following enhancements for multi-subsidiary vendors and multi-subsidiary customers:

- [CSV Import for Mass Create and Mass Update](#)
- [Customization of the Subsidiaries Subtab on Vendor and Customer Records](#)
- [Search for Data on Entity-Subsidiary Relationship Records](#)


For information about multi-subsidiary vendors and multi-subsidiary customers, see the help topics [Assigning Subsidiaries to a Vendor](#) and [Assigning Subsidiaries to a Customer](#).

CSV Import for Mass Create and Mass Update

NetSuite 2018.2 enables users with the Import CSV File permission to import two new record types. The Customer-Subsidiary Relationship and Vendor-Subsidiary Relationship record types enable users to add multiple subsidiaries to vendor and customer records, and update those records, as needed.

To use the Import Assistant to create multi-subsidiary vendors and customers, or update these entity records, go to Setup > Import/Export > Import Tasks > Import CSV Records. Choose the Relationships import type, and then the Customer-Subsidiary Relationship or Vendor-Subsidiary Relationship record type. These records are not visible in the user interface. However, the fields on these records are available when you map your CSV file.

After you upload your file and choose import options, you can begin file and then field mapping, and finally import your file.

 **Tip:** Upload a simple CSV file, and then refine that file when you map fields.

For information about using the Import Assistant, see the help topic [Importing CSV Files with the Import Assistant](#). For information about the Customer-Subsidiary Relationship import record type, see the help topic [Customer-Subsidiary Relationship Import](#). For information about the Vendor-Subsidiary Relationship import record type, see the help topic [Vendor-Subsidiary Relationship Import](#).


Customization of the Subsidiaries Subtab on Vendor and Customer Records

If you have permission to customize record types, NetSuite 2018.2 provides two new record types for customizing vendor and customer records. The new record types are Customer-Subsidiary Relationship and Vendor-Subsidiary Relationship. These records are not visible in the user interface. However, the fields on these records are available through the Other Record Fields page at Customization > Lists, Records, & Fields > Other Record Fields > New.

On the Other Record Fields page, select the Customer-Subsidiary Relationship or Vendor-Subsidiary Relationship record type. Define the fields to be added to the Subsidiaries subtab. When the entity record is in Edit mode, you can modify the values in those fields.

The Custom Records and Custom Segments features must be enabled to customize the Subsidiaries subtab on vendor and customer records. If the Multiple Currencies feature is also enabled, you can add currency-specific fields to the Subsidiaries subtab.

For information about custom record fields, see the help topics [Other Record Fields](#) and [Creating a Custom Field](#).

 **Note:** Users must have permission to edit customer and vendor records to customize the Subsidiaries subtab.

Search for Data on Entity-Subsidiary Relationship Records

NetSuite 2018.2 provides two new search types specific to searching for entity-subsidiary information. These new search types are available for both simple searches and saved searches. The new search types are Customer-Subsidiary Relationship and Vendor-Subsidiary Relationship, and are based on record types of the same name. These records are not visible in the user interface. However, the fields on these records are available to search.

To create a simple search, go to Reports > New Search. For information about simple searches, see the help topic [Defining a Simple Search](#).

To create a new saved search, go to Reports > Saved Searches > All Saved Searches > New. For information on creating a saved search, see the help topic [Defining a Saved Search](#).

Memorized Transaction Enhancements

NetSuite 2018.2 provides two enhancements to memorized transactions.

Now, when you create, edit, or delete a memorized transaction, the update is tracked on the system notes of the memorized transaction. If you delete the memorized transaction, all linked system notes are also deleted. However, the created and deleted memorized transactions are visible on the View

Audit Trail page at Transactions > Management > View Audit Trail. NetSuite stores the user who created, edited, or deleted the transaction, and the GL impact of the transaction. For information about the View Audit Trail page, see the help topic [Using the Transaction Audit Trail](#).

The Enter Memorized Transactions page at Transactions > Management > Enter Memorized Transactions now includes a **Switch Action** button. Click this button to change all memorized transactions from Automatic to Remind Me, or from Remind Me to Automatic at the same time.

For information about memorized transactions, see the help topic [Memorized Transactions](#).

Multi-Language Support for Support Cases

NetSuite provides customer support in the local language as determined by the location of the billing address. Support is available during business hours, between 8:00 a.m. and 6:00 p.m. local time.

NetSuite provides support in the following languages:

- English
- Chinese (Simplified)
- French
- German
- Japanese
- Latin American Spanish
- Portuguese (Brazil)

Customers can also submit support cases and receive responses in one of these languages. For more information about submitting support cases in supported languages, see the help topic [The NetSuite Account Center](#).

Banking

NetSuite 2018.2 includes the following enhancements to banking features:

- [Changes to Account Reconciliation](#)
- [Confirm In-Transit Vendor Payments](#)
- [Download and Decrypt Statement Files](#)
- [New CSV Statement Format Requirements](#)

Changes to Account Reconciliation

In NetSuite 2018.2, the following changes have been made to Account Reconciliation:

- [New Confirm Transaction Matches Page](#)
- [Create New Charges, Deposits, and Credits While Matching](#)
- [Exclude Transactions from a Reconciled Statement](#)
- [Change to Statement Start and End Dates](#)
- [Reconcile a Statement with an Amount Difference](#)
- [Changes to Reconciled Statements](#)

New Confirm Transaction Matches Page

Previously, you matched transactions by going to Transactions > Bank > Reconcile Account Statement. In NetSuite 2018.2, transactions are matched on the new Confirm Transaction Matches page at Transactions > Bank > Confirm Transaction Matches.

This page shows the side-by-side lists of transactions from imported statements and from NetSuite. On this page, you can do the following:

- On the **Unmatched** subtab, match transactions as before.
- On the **Review Matches** subtab, view matched transactions that have not been confirmed yet.
- Click **View Match Details** to review the details of the match group for the transaction in a popup window.
- In the Match Details popup window, click **Undo Match** to undo the match group. Doing this sends the transactions back to the list of unmatched transactions.

After you have reviewed the matched transactions, click **Confirm Matches** to clear those transactions and make them available for reconciliation on the Reconcile Account Statement page. Transactions are not cleared until you have confirmed them. To view the transaction processing status, go to Transactions > Bank > Confirm Transaction Matches > Status.

For details, see the help topics [Matching Transactions](#) and [Confirming Transaction Matches](#).

After transactions matches have been confirmed, you can reconcile them on the Reconcile Account Statement page. On this page, you can do the following:

- On the **Matched** subtab, view or undo the confirmed transaction matches. If you undo the match group, NetSuite removes the cleared flag and moves the transactions back to the unmatched list on the Confirm Transaction Matches page.
- On the **Reconcile** subtab, clear the box next to any transactions you want to exclude from the reconciliation.

For details, see the help topic [Reconciling Transactions](#).

To use the new Confirm Transaction Matches page:

- For each account, check the **Use Confirm Transaction Matches and Reconcile Account Statement Pages** box in the Edit Bank Account page. NetSuite no longer automatically checks the box when you import a statement.
- To view and select accounts, your user role must have the Accounts permission with an access level of View.
- Ensure your role has the **Reconcile** permission.

For details on permissions, see the help topic [Setting Reconciliation Permissions](#).

Create New Charges, Deposits, and Credits While Matching

In addition to creating a new journal entry while matching, you can now create new Charges and Deposits (or Credits) as well. If you have an imported transaction selected in the match drawer, some fields are populated for you.

In 2018.2, go to Transactions > Bank > Confirm Transaction Matches. If the selected account is a bank account, you can:

- Click **Add New Charge** to create a charge.
- Click **Add New Deposit** to create a deposit.

If the selected account is a credit card account, you can:

- Click **Add New Charge** to create a credit card debit.
- Click **Add New Credit** to create a credit or refund back to the account.

Enter or edit the details in the popup window. NetSuite does not redirect you from the Confirm Transaction Matches page.

Note: Tax code fields are not available in the popup window. If you require tax codes on your charges and deposits, use the full NetSuite pages. For example, if tax codes are mandatory for your checks, go to the Write Check page.

For details, see the help topic [Matching Transactions](#).

Exclude Transactions from a Reconciled Statement

Previously, all matched transactions within the specified date range were included in the reconciled statement.

In 2018.2, you can exclude any transactions that you do not want in your reconciled statement. Go to Transactions > Bank > Reconcile Account Statement, and then the **Reconcile** subtab. To exclude a transaction in a one-to-one match, clear the box for the transaction line. If the match is one-to-many or many-to-many, you must exclude all transactions that are part of the match group. Excluded transactions retain their matches and cleared status, but NetSuite excludes them from the reconciled statement. To switch from a list of all transactions to only the included transactions, click **Show Included Only**.

For details, see the help topic [Reconciling Transactions](#).

Change to Statement Start and End Dates

Previously, the reconciled statement had a **Statement Start Date**, which was the beginning of the reconciliation period and Read Only. If there was a previously reconciled statement, the day after the Last Reconciled Date was the **Statement Start Date** value. Unreconciled transactions before the **Statement Start Date** did not display in the transaction lists.

In 2018.2, there is no longer a **Statement Start Date** field. Go to Transactions > Bank > Reconcile Account Statement. Now, the transaction list under the **Reconcile** subtab displays all the unreconciled transactions, until you specify a date range. To filter the transactions that appear in the list by a date range, enter the dates into the **From** and **To** fields at the top of the pane. When you close a statement, there is no start or end date, only a **Close Date**, which is the value from the **Statement End Date**.

For details, see the help topic [Reconciling Transactions](#).

Reconcile a Statement with an Amount Difference

In previous versions, you could only close a statement if the value of the **Difference** field was zero.

In 2018.2, you can now close a statement, even if there is an amount difference. Go to Transactions > Bank > Reconcile Account Statement, and then the **Reconcile** subtab.

For details, see the help topic [Reconciling Transactions](#).

Changes to Reconciled Statements

With NetSuite 2018.2, you can no longer reopen reconciled statements.


Previously, reopening a statement sometimes resulted in incompatibility errors, preventing the statement from being closed again. This often occurred with statements that were closed in the original reconciliation pages, and then reopened from the Reconciled Statements page. Errors were often a result of having reconciled transactions without transaction matches or having more transactions matched for the same date range.

If you close a statement but then receive more transactions that you must include for that statement period, you can delete the reconciled statement for that period and reconcile the statement again. When you delete a statement, the transactions become unreconciled but remain matched and cleared.

To delete a reconciled statement, go to Transactions > Bank > Reconcile Account Statement > List. For more information, see the help topic [Deleting Reconciled Statements](#).

Confirm In-Transit Vendor Payments

For NetSuite 2018.2, you can now handle in-transit vendor payments in the matching and reconciliation process. When you confirm in-transit NetSuite transactions, NetSuite automatically converts the in-transit payment to a confirmed payment, which you can then reconcile. The In-Transit Payments feature is only available for the Accounts Payable workflow in 2018.2. For details on the new in-transit payment record, see [In-Transit Payments](#).

To match and confirm an in-transit payment, go to Transactions > Bank > Confirm Transaction Matches, and select the bank or credit card account. In the NetSuite Transactions list, in-transit payments are identified by the  icon in the row. You can match one or more in-transit payments with a single statement transaction. For details, see the help topics [Matching Transactions](#) and [Confirming Transaction Matches](#).

After confirming the transaction matches, go to Transactions > Bank > Reconcile Account Statement, and reconcile your account statement. See the help topic [Reconciling Transactions](#). When you undo a confirmed transaction match, with which a confirmed payment is included, the payment does not return to the in-transit state.

To enable the In-Transit Payments feature, go to Setup > Company > Enable Features, click the **Accounting** subtab, and check the **In-Transit Payments** box. After you enable In-Transit Payments, you cannot disable it.

Ensure your role has the Reconcile permission. For details, see the help topic [Setting Reconciliation Permissions](#).

Download and Decrypt Statement Files

For NetSuite 2018.2, after importing statement files, you can download a decrypted copy of the imported statement file.

You can only decrypt and download statement files you import after your account is upgraded to NetSuite 2018.2.

To view an imported statement, go to Transactions > Bank > Import Online Banking Data > List, and click **View** for the statement. To download a decrypted copy, click the hyperlinked file name in the **File Name** field.

For details, see the help topic [Viewing Imported Account Statements](#).

New CSV Statement Format Requirements

For NetSuite 2018.2, the CSV bank statement file must contain the following additional columns:

- NS Internal Customer ID - (Optional) The NetSuite internal customer ID. Content must be numeric. There is a limit of 12 characters.
- NS Customer Name - (Optional) If the specified customer ID does not match any data, NetSuite uses the value to look up the customer ID. Content is free-form text. There is a limit of 512 characters.
- Invoice Number(s) - (Optional) A comma-separated list of invoice numbers in a single field, with no spaces between numbers (for example, 132,133,134). If you use a script or comma-separated file instead of the CSV template in Excel, put quotation marks around multiple invoice numbers (for example, "132,133,134"). For each invoice number in the list, there is a limit of 128 characters. If the imported file specifies multiple invoices for a transaction, they must all belong to same customer and AR account.

Also, the "Name" column heading has been renamed "Payee/Payer Name".

The CSV template now contains these revised columns. Download the CSV template from Transactions > Bank > Import Online Banking Data, or create the file with the required columns and specifications. For details, see the help topic [Preparing CSV Files for Import](#).

Customer Relationship Management (CRM)

NetSuite 2018.2 includes the following enhancements to CRM features:

- [Intercompany Time and Expenses Feature Now Compatible with Multi-Subsidiary Customer Feature](#)
- [Multiple Recipients in Email Messages Sent From Customer Record](#)
- [New File Upload Restrictions for the File Cabinet](#)

Intercompany Time and Expenses Feature Now Compatible with Multi-Subsidiary Customer Feature

In 2018.2, you can use the Intercompany Time and Expenses feature with the Multi-Subsidiary Customer feature.

For information about the Multi-Subsidiary Customer feature, see the help topic [Assigning Subsidiaries to a Customer](#).

For information about limitations associated with the Multi-Subsidiary Customer feature, see the help topic [Multi-Subsidiary Customer Feature Limitations](#).

Multiple Recipients in Email Messages Sent From Customer Record

The Email Message form on the customer record now supports multiple To recipients. Previously, it was only possible to add additional recipients to the Cc or Bcc fields.

New File Upload Restrictions for the File Cabinet

In 2018.2, Netsuite implemented a stricter policy for uploading files with suffixes .js and .html to the file cabinet. You must now have the permission Allow JS/HTML Uploads to upload these file types to the File Cabinet. The permission can be applied either at the role level under the Permissions > Setup subtab, or administrators can assign the permission to individual users from the Access > Global

Permissions subtab on the user record. The setting applies to both uploads from the UI as well as through scripting and web services. Most current users will experience no change to their service. However, users that no longer have the correct permissions may receive a permissions violation message when trying to upload these types of files. An administrator should then review and update their permissions accordingly.

Employee Management





NetSuite 2018.2 includes the following enhancement to Employee Management features:

- SuitePeople Core HR Videos
- Time-Off Management and Timesheet Integration
- Time-Off Expiry Notifications in the Employee Center
- Corporate Card Expenses
- Time Tracking Enhancements
- Multi-Subsidiary Support for Time and Expenses
- Expense Report Enhancements
- Expense Details Search Enhancements
- Associating Deductions and Earnings Payroll Item Types with Additional Accounts
- Effective Dating Date Format Change
- New Configurable Fields Added to Employee Directory and Org Browser
- Time-Off Request Enhancements
- Onboarding Checklist SuiteApp

SuitePeople Core HR Videos

The Help Center includes a [Videos](#) section that gives you direct access to SuitePeople Core HR help videos. To access the Videos section, click Additional Resources > Videos in the Help Center table of contents.

The following SuitePeople Core HR help videos have been released in 2018.2:

-  [Reviewing Time-Off Requests video](#)
-  [Requesting Time-Off video](#)
-  [Working with Workforce Analytics video](#)
-  [Using the Termination Reason Tracking Feature video](#)

Time-Off Management and Timesheet Integration

With the Time-Off Management feature in NetSuite 2018.2, when you create a time-off type, such as vacation, you can now associate it with a project and project task. When the time-off request is approved, the project associated time-off type is reflected on time entries and weekly timesheets.

Time-Off Type, Project, and Project Task fields are now available for search criteria and results.

For more information, see [Time Tracking Enhancements](#).

Time-Off Expiry Notifications in the Employee Center

With the Time-Off Management feature in NetSuite 2018.2, your employees can now see time-off expiry notifications on the Time-Off portlet in the Employee Center. The notifications appear when employees have time off that expires within the current or the next calendar month. For example, if employees have time off that expires at the end of June, they start to see the expiry notification in May. The notification tells employees how much time is about to expire, whether it is carryover time, and when the time expires.

Corporate Card Expenses

In NetSuite 2018.2, you can now designate expense lines as paid by a corporate credit card on expense reports. Previously, corporate credit card transaction could only be managed with non-reimbursable expenses requiring manual journal entries to reconcile. If you have more than one defined credit card account, you can select the default account in Accounting Preferences, on employee records, and expense reports. In Accounting Preferences, you can also select a default account for personal expenses paid with a corporate card.

To use corporate card expenses, you must first customize your expense report form to include the relevant fields. For more information on customizing forms, see the help topics [Creating Custom Entry and Transaction Forms](#) and [Configuring Sublist Fields](#).

There are two optional fields you can add to the body of your expense reports and one required field for expense line items:

- Account for Corporate Card Expense – optional field to enable the default account to be overridden at the expense report level
- Corporate Card by Default – optional field to enable all entered expenses to automatically be marked as corporate card expenses
- Corporate Card – required field to enable expenses to be marked as corporate card expenses on your expense reports

The Account for Corporate Card Expenses field enables the default account to be overridden at the expense report level. The Corporate Card by Default field enables all entered expenses to automatically be marked as corporate card expenses. The Corporate Card field must be added to your expense line items to use corporate card expenses. This field enables expenses to be marked as corporate card expenses on your expense reports.

When expense lines are marked as corporate card expenses they can no longer be marked as a non-reimbursable expense. Corporate card expenses can also be marked as billable. Expense reports including corporate card expenses debit the Expense account while crediting the selected credit card account. When reconciling a credit card statement in NetSuite, corporate card expenses show up automatically as a journal entry.

Time Tracking Enhancements

You can now use inline editing to update approval statuses for individual time entries when using a time record search. Previously, the record had to be opened and edited to update the approval status.

The New Weekly Timesheets Interface has been updated to move the Week Of field to a more prominent position and increased the size of the forward and backward arrows. These updates are intended to enable users to more easily move through weeks when entering timesheets.

Weekly Timesheets now supports Time-Off Management. When time-off is approved, the Time-off field on time transactions is populated with a link to the time-off record. The Time-off Type field on

time transactions displays the type of time-off. These fields are hidden by default but can be added by customizing your time tracking form. Previously, automatic time entries were created when time-off was approved but there were no details available from the time-off record.

Customizing button labels is now available for Weekly Timesheets using both the new interface and the original interface. Previously, customizing button labels was only available with the new interface.

Multi-Subsidiary Support for Time and Expenses

In NetSuite 2018.2, in OneWorld accounts, a Billing Subsidiary field has been added to time and expense transactions to support intercompany time and expenses for multi-subsidiary customers. For more information, see the help topic [Enabling Intercompany Time and Expenses](#).

Expense Report Enhancements

In NetSuite 2018.2, when using custom approval workflows for expense reports, you can now enable employees to save an expense report without submitting it for approval. Previously, custom approval workflows did not allow employees to save an expense report for later.

To begin using the save for later functionality with existing custom workflows, add a new starting state to the approval workflow to set the Approval Status to Open, add a new Submit button to set the Approval Status to Pending Approval, and update existing Submit function to save the record and move the workflow to the starting state. For more information on custom workflows, see the help topic [Editing a Workflow](#).

You can now choose to turn off warning messages for taxable expense lines without receipts. A new Show Warning Message for Taxable Expense Lines Without Receipt preference is available at Setup > Accounting > Accounting Preferences > Time & Expenses > Expenses. This preference is enabled by default.

Expense Details Search Enhancements

You can now view expense report search results showing individual line items without disabling the Combine Detail Items on Expense Reports preference. Previously, enabling this preference also grouped expense items in search results. To view individual line items in search results, when defining your search criteria, in the Field field, select a relevant join field from the Expense Details Fields list, such as Amount. Using the criteria from join expense details fields splits the lines and enables you to use search results as a template for CSV import of expense reports.

For more information, see the help topics [Defining Standard Search Filters](#) and [Guidelines for CSV Import Files](#).

Associating Deductions and Earnings Payroll Item Types with Additional Accounts

In NetSuite 2018.2, if you enable the Expand Account Lists for Payroll Items preference (), you can now associate certain payroll items with additional account types:

- Deduction payroll items can now be associated with an expense or a liability account. Previously, deduction payroll items could be associated only with liability accounts. In the general ledger, when deductions are posted to expense accounts, the expense account is credited.

- Earnings payroll items can now be associated with a liability or an expense account. Previously, earnings payroll items could be associated only with expense accounts. In the general ledger, when earnings are posted to liability accounts, the liability account is debited.

Effective Dating Date Format Change

If you were previously using scripts or workflows with the SuitePeople Core HR Effective Dating feature, the **effectivedate** field required a date format of 'yyyy-MM-dd'.

As of NetSuite 2018.2, the **effectivedate** field syntax must match either:

- The date format defined in your company settings, or,
- The date format selected by the user running the script or workflow, if account settings permit individuals to override the date format.

If the **effectivedate** field syntax does not match the date format, scripts and workflows do not run and an invalid date format error is generated. To ensure that your scripts and workflows continue to work after your account is upgraded, verify that scripts and workflows that reference the **effectivedate** field use the correct format.

- To use the date format defined in company settings, an administrator can go to Setup > Company > General Preferences and select the desired format from the **Date Format** dropdown list. Then you should review any scripts or workflows that reference the **effectivedate** field. Verify that they are using the same format that was defined on the General Preferences page.
- If account settings permit individuals to override the date format set in General Preferences, go to Home > Set Preferences, on the General subtab, and select the desired format from the **Date Format** dropdown list. Review any scripts or workflows that reference the **effectivedate** field. Verify that they are using the same format that was defined in user preferences.

If required, you can use the following function to dynamically format the date in both scripts and workflows:

```
nlapiDateToString(new Date(<YEAR>, <MONTH of year starting from 0 (0-11)>, <DAY_OF_MONTH>));
```

For more information about the Effective Dating feature, see the help topics [Effective Dating for Employee Information](#) and [Using Effective Dating with Employee Workflows and SuiteScripts](#).

Inventory Management

NetSuite 2018.2 includes the following enhancement to Inventory Management features:

- [Supply Chain Control Tower Available in All Accounts](#)
- [NetSuite WMS](#)
- [Quality Management](#)
- [Supply Chain Management Enhancements](#)

Supply Chain Control Tower Available in All Accounts

Previously, the Supply Chain Control Tower feature was available only in One World accounts. In NetSuite 2018.2, all accounts can enable the Supply Chain Control Tower feature.

For details about the Supply Chain Control Tower feature, read the help topic [Supply Chain Control Tower](#).

Manufacturing

NetSuite 2018.2 includes the following enhancements to Manufacturing features:

- [Phantom Assembly Standard Cost Enhancements](#)
- [Advanced Manufacturing](#)

Phantom Assembly Standard Cost Enhancements

Prior to 2018.2, Phantom Assembly Manufacturing Routing conversion costs were added to the top-level assembly. The phantom assembly was incorrectly displayed as a component.

As of 2018.2, planned standard cost will include phantom assembly components only and not the phantom assembly itself.

If a routing is associated with the phantom assembly, it will not be included in the planned standard cost. The routing for the parent assembly will contain the phantom assembly steps.

For example, a bill of materials for a bicycle wheel assembly contains the following components:

- Bicycle Tube \$1.00
- Bicycle Tire \$2.00
- Sub-Assembly (phantom):
 - Spokes \$2.00
 - Bicycle Rim \$3.00
- Sub-Assembly Routing Attached \$10.00:
 - Spokes \$2.00
 - Bicycle Rim \$3.00

Prior to 2018.2, Planned Standard Cost charges the following standard costs, resulting in a \$10.00 overage:

- Assembly Item \$18.00
- Bicycle Tube \$1.00
- Bicycle Tire \$ 2.00
- Sub-Assembly \$5.00
- Routing \$10.00

As of 2018.2, the following standard costs will be applied:

- Assembly Item \$18.00
- Bicycle Tube \$1.00
- Bicycle Tire \$2.00
- Spokes \$2.00
- Bicycle Rim \$3.00

For more information, see the help topic [Phantom Assemblies](#).

Order Management

NetSuite 2018.2 includes the following enhancements to order management features:

- Flat Rate and Percentage Discount Combination Field for SuiteBilling
- Multi-Subsidiary Customer Enhancements for Intercompany Time and Expenses
- Decimal Precision Enhancements for SuiteBilling
- Payment Instrument
- Return Address Subrecord on Item Fulfillment Transactions
- Southeast Asia Localization SuiteApp
- Electronic Invoicing Enhancements
- Usage Data RESTlet for SuiteBilling

Flat Rate and Percentage Discount Combination Field for SuiteBilling

Prior to NetSuite 2018.2, with the SuiteBilling feature, users were only able to enter percentage discounts in the Discount field on the price book and pricing intervals. Starting with release 2018.2, the Discount field allows for both flat rate and percentage discounts. To enter a percentage discount, you must include the percentage sign (%) after the positive number reflecting the discount amount, for example 50%. If the percentage sign is not entered, the discount is applied as a flat rate discount, for example, \$50.00. The discount field will accept up to eight decimal places. For more information, see the help topic [Price Books](#).

Multi-Subsidiary Customer Enhancements for Intercompany Time and Expenses

NetSuite 2018.2 provides SuiteBilling support for intercompany time and expenses for multi-subsidiary customers. The project record has been updated to include to include Subsidiary lists, and billable expenses on invoices can be filtered by subsidiary. For more information, see the help topic [Enabling Intercompany Time and Expenses](#).

Decimal Precision Enhancements for SuiteBilling

SuiteBilling price, quantity, and discount fields now include up to eight decimal places (1.00000000) to provide greater decimal precision. For a list of all the locations where the new decimal precision is available, see the help topic [Decimal Precision in SuiteBilling](#).

Payment Instrument

The Payment Instrument feature makes using various payments methods more straightforward and, in the case of payment cards, more secure. Payment Instrument is a set of fields that can be used to charge a shopper without any action on the shopper's side.

The Payment Instrument feature substitutes sensitive data with tokens. Tokenization decreases the scope of Payment Card Industry (PCI) compliance considerations.

Return Address Subrecord on Item Fulfillment Transactions

In NetSuite 2018.2, the Return Address fields have been replaced by the Return Address subrecord, which is located in the Shipping tab on the Item Fulfillment transaction. You can edit this subrecord in the same way you edit subrecords on Location or Company records. This subrecord now contains fields for Phone, Addressee and Attention. If you want to set default values for these fields, you can do so in the Company Information, Subsidiary or Location records respectively. For more information on return addresses see the help topics [Using FedEx Customer Returns](#) and [Using UPS Customer Returns](#).

Projects

NetSuite 2018.2 includes the following enhancements to Projects features:

- [Planned Work](#)
- [Sales Order Project Charge Rules](#)
- [Advanced Project Profitability Enhancements](#)
- [Project Revenue Recognition Percent Complete Enhancements](#)
- [Resource Allocation Chart/Grid Enhancements](#)

Planned Work

In NetSuite 18.2, the Planned Work feature enables project plans to be fixed regardless of actual time tracked against a project. Previously, planned time and project plans were automatically adjusted when actual time was entered against a project. By keeping a project plan fixed, you can improve your future project planning by comparing the difference between planned time and actual time.

To enable the Planned Work feature, go to Setup > Company > Enable Features. Under Projects, check the Planned Work box, and click Save.



Important: When enabling Planned Work, NetSuite recalculates all projects and their project plans that do not have a Closed status. Please ensure any projects you have finished are set as Closed prior to enabling this feature. Projects that are finished but have not been set as Closed may have adjustments made to the percent complete, billing, or revenue recognition.

Sales Order Project Charge Rules

You can now create project charge rules for charge-based billing projects directly from line items on sales orders. You must select a charge-based billing project in the Project field for the sales order. Project charge rules can be added to service items selected on sales orders for charge-based billing projects.

Creating charge rules on sales orders is not compatible with the Consolidate Projects on Sales Transaction preference located at Setup > Accounting > Accounting Preferences > Items/Transactions > Sales & Pricing. Any charge rule created on a sales order cannot be edited on the project record.

You must first customize your sales order form to add the Project Charge Rule field to the Items subtab. For more information, see the help topics [Creating Custom Entry and Transaction Forms](#) and [Configuring Sublist Fields](#).

After you have added the field to your custom form, you can select or create a project charge rule from the Project Charge Rule field on sales orders. For more information on creating charge rules, see the help topic [Creating Charge Rules](#).

Advanced Project Profitability Enhancements

You can now update your advanced project profitability reports when you are defining your profitability configurations. An additional required step has been added to the Profitability Configuration setup page to enable you to update existing reports or create new reports. Previously, existing project profitability reports had to be customized separately to include updated configurations.

Standard NetSuite project profitability reports now always use the default configuration regardless of any custom configurations. Custom reports must be created for project profitability custom configurations.

When defining advanced project profitability configurations, you select how you want your custom reports to be updated. You can choose to copy, copy and update, keep existing, or create new custom reports. You can access your custom reports at Reports > Saved Reports.

On the Settings step, you can now choose to add transactions that are pending approval to your profitability calculations. Depending on which transactions you use approval routing for, you can choose to add expense reports, vendor bills, invoices, and journal entries. Only transaction types that currently use an approval workflow appear as options to include.

For more information, see the help topic [Advanced Project Profitability](#).

Project Revenue Recognition Percent Complete Enhancements

In NetSuite 18.2, when Advanced Revenue Recognition is enabled, values entered on the Percent Complete Override subtab on project records are used for actual revenue plans. Previously, actual plans were only affected when the Use Percent Complete Override for Revenue Forecasting preference was enabled on the Financials subtab of the project record. You can also decrease the values entered on the Percent Complete Override subtab and both actual and forecasted plans are now adjusted.

When the Use System Percentage of Completion for Schedules preference is enabled at Accounting Preferences > General > Revenue Recognition, NetSuite calculates the project progress percentage based on time tracked against the project. If values are entered manually on the Percent Complete Override subtab on the project record, these values are used instead of the automatically calculated ones. If there are missing periods not accounted for on the Percent Complete Override subtab, NetSuite uses the automatically calculated values for the missing periods.

When the Use System Percentage of Completion for Schedules preference is disabled, the percentage of project completion must be entered manually on project records on the Percent Complete Override subtab.



Note: This enhancement does not affect how the Percent Complete Override subtab interacts with revenue recognition initiated from sales transactions.

Vendors, Purchasing, and Receiving

NetSuite 2018.2 includes the following enhancement to the vendors, purchasing, and receiving features:

In-Transit Payments

The In-Transit Payments feature enables you to track when payments to vendors are in process. Use this feature for real-time information about ledger balances for Cash and Accounts Payable.

First, enter an in-transit vendor payment to initiate the payment. This in-transit vendor payment begins the payment process but does not post to the general ledger. Payments that are in-transit can be monitored and updated when the payment is confirmed or declined by the vendor bank. When you receive confirmation that the vendor's bank has received the funds, confirm the payment is complete. Payments can be confirmed and cleared at the same time.

This process enables you to more accurately track the actual date vendors receive payments and allows more accurate tracking of accounts payable funds in your general ledger. Specific bank account balances show in the general ledger and the accounts payable balance is debited only after payment confirmation is received from the vendor's bank. Outstanding in-transit balances are visible on vendor records.

Some countries may require using In-Transit Payments for commercial payments. Using this feature, the status of in-transit payments are tracked internally and payments can be in compliance with local and country expectations.

Taxation

NetSuite 2018.2 includes the following enhancements to taxation features:

- Making Tax Digital Support for UK VAT
- New Country Tax Reports for SuiteTax
- Added Deferred VAT Recognition and Journal Entry Creation
- International Tax Reports SuiteApp version 3.100.0
- International Tax Reports SuiteApp version 3.101.0
- Spain Online VAT Register (Immediate Supply of Information "SII") v.1.1
- Mexico Complementary Trial Balance
- Golden Tax Export File Enhancements
- Added New Page To Control All China-Specific Features
- FTA VAT Audit File (FAF) for the United Arab Emirates
- Withholding Tax Quarterly Report Form 1601-EQ for the Philippines
- Malaysia Sales and Service Tax (SST-02) Return
- Germany Monthly/Quarterly VAT Return Update
- Belgium Intrastat Report Update

User Interface

NetSuite 2018.2 includes the following enhancements to the NetSuite User Interface:

- Changes to Date Formats
- New Feedback Button

■ NetSuite Help Center Enhancements

Changes to Date Formats

A new M/D/YYYY date format for displaying dates on reports, forms, and data-entry pages is now available when you set user, company, or subsidiary preferences. For example, if you select this option and enter February 14, 2001, the date is displayed as 2/14/2001.

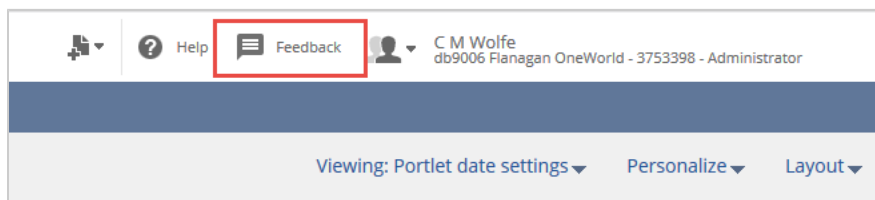
M/D/YYYY is now the default date format used by the system. Customers who previously selected the MM/DD/YYYY date format will be automatically migrated to the M/D/YYYY format, and will not experience a change in behavior. To select a different format to display dates in your account, go to Setup > Company > Preferences > General Preferences.

Additionally, the behavior for the date format MM/DD/YYYY now adds leading zeroes to the date format, where appropriate. Previously, if you selected the date format MM/DD/YYYY and entered the date February 14, 2001, the date was displayed as 2/14/2001. As of 2018.2, a leading zero is added to the month and the date is displayed as 02/14/2001.

For more information about available date formats, see the help topic [Date Formats](#).

New Feedback Button

A new Feedback button is available in the NetSuite header.



When you click **Feedback**, a window opens where you can provide a rating and comments.

A screenshot of the feedback form window. It has a title 'Please rate your experience'. Below the title are four rating options represented by smiley face icons: 'Very Unsatisfied' (red sad face), 'Unsatisfied' (orange sad face), 'Satisfied' (yellow happy face), and 'Very Satisfied' (green happy face). Below the rating options is a text input field with the placeholder text 'Is there anything else you would like to share with us? (Optional)'. At the bottom of the form are two buttons: 'Submit' (blue) and 'Cancel' (gray).

NetSuite Help Center Enhancements

The following are 2018.2 enhancements to the NetSuite Help Center:

- [Help Center and SuiteAnswers Open in a New Browser Tab](#)
- [Improved Help Center Search](#)
- [Videos Tab Added to Help Center](#)

Help Center and SuiteAnswers Open in a New Browser Tab

Prior to this release, when you clicked a NetSuite UI link for the Help Center, it opened in a limited popup window. Some users requested a change to this behavior. Previously, when you clicked a SuiteAnswers link, it opened in the same browser tab as the NetSuite application, and you no longer had access to the NetSuite UI in the browser.

As of 2018.2, both the Help Center and SuiteAnswers open in a new browser tab when they are accessed. This change makes it easier for you to review documentation as you work in the NetSuite UI.

Improved Help Center Search

This release includes improvements to Help Center search to ensure that you receive the best possible search results. These improvements include:

- Returning results for search keywords with typos – For example, if you enter “comtact” as a search keyword, the search returns results for “contact.” Text informs you of the term that was actually searched.
- Returning results for search keywords synonyms – In some cases, search keywords that you enter may have a synonymous term that is used more in the Help Center. In these cases, results are returned for the keywords you entered, and a suggestion is made that you search for the preferred term instead.

Videos Tab Added to Help Center

A Videos tab has been added to the Help Center. Click the Videos tab to view a list of help videos that demonstrate how to perform specific tasks in NetSuite. When you click a link, you are redirected to the Oracle Learning Library to view the video.

Commerce Applications

The latest version of SuiteCommerce, **2018.2**, includes the following enhancements:

- [SCA Release Naming Convention Changes](#)
- [Two-Factor Authentication Support](#)
- [Theme and Extension Activation Improvements](#)
- [Theme and Extension Version Management](#)
- [Google Tag Manager Editor](#)
- [Site Search Bar Enhancements](#)
- [SuiteCommerce Configuration Changes](#)
- [SMT Category Visibility Dates Support](#)
- [SuiteCommerce InStore Extensions Support](#)

- Legacy Tab Added to SuiteCommerce Configuration Record
- Footer Support
- Newsletter Support
- Node.js Requirement Change
- Extensibility API Updates

Complete release notes are available here: [2018.2 Release of SuiteCommerce](#).

SuiteCommerce Extensions

SuiteCommerce Extensions provide additional functionalities to your SuiteCommerce web store.



Important: SuiteCommerce Extensions are only available if they are provisioned and set up in your account. For more information, see the help topic [NetSuite SuiteCommerce Extensions](#).

Complete release notes are found here: [Extensions Release Notes](#).

Site Management Tools

This version of SuiteCommerce Site Management Tools includes the following enhancements:

- CMS Page Record
- Commerce Category Visibility Dates
- Custom Content Type Enhancements
- Image Manager
- Landing Page Publication
- Tags for Landing Pages
- Tags for SMT Content
- Text Editor Updates

CMS Page Record

When you create a landing or enhanced page in SMT and publish it, a CMS Page record is created in NetSuite. This release exposes the CMS Page record in NetSuite. This gives you the ability to edit the page attributes in NetSuite without having to login to SMT to make the changes.



Note: The CMS Page record is not created until the page is published.

If you add a new landing page through the CMS Page Record in NetSuite, instead of through SMT, the new page is automatically placed into a published state. Additionally, if you edit a CMS Page Record for an existing landing page, the changes are automatically placed into a published state. Automatic published state is useful for simple tasks such as editing the site meta description or adding meta keywords.

See the help topic [CMS Page Record](#).

Commerce Category Visibility Dates

This release introduces a significant change to the visibility of Commerce Categories on your site. Previously, Commerce Categories were immediately visible on the site. This release brings you visibility dates for Commerce Categories. This enables you to set visibility start and end dates to specify when a category should be displayed on the site.

For example, you have a category named **Summer Fun** that you want to display from June 15 to August 30. Now you can set the visibility start and end dates for that category, and it is available on your site only during those dates. Likewise any items assigned exclusively to that category are also available only during those dates.

Visibility options include the following:

- Always visible
- Display at a certain date and time and never expire
- Display at a certain date and time and expire at a certain date and time

Other important and related features include:

- Visibility timeline to see upcoming content changes based on visibility dates
- Preview the site for future date and time.



Important: For Commerce Categories, preview of future visibility dates is supported only in the 18.2 release of SuiteCommerce.

See the help topic [Visibility Dates for Categories](#).

Custom Content Type Enhancements

This release includes the following enhancements for SMT Custom Content Types:

- Field Help – When you create a custom field, if you enter text in the **Help** field on the display subtab, the text is now displayed as help for the field in SMT.
- Field Defaults – You can enter a **Default Value** on the Validation & Defaulting subtab to specify a default value to display in the field in SMT.
- Formula – If you select the **Formula** box on the Validation & Defaulting subtab for the custom field, the default values are hidden in SMT.
- Additional Custom Field Support – Custom Content types now support the following custom field types:
 - Help
 - Image
 - Document
 - Inline HTML
 - Date/Time

Image Manager

The Image Manager is a new SMT feature that expands functionality for adding images to your site with SMT. Previously, for image content type you could only select images from your computer, and you

could not select images from the file cabinet. Now, with the Image Manager you can select images from the file cabinet and also upload images from your computer to the file cabinet.

When uploading images, you can upload a single image or multiple images by dragging them to the Image Manager's upload area. You can also click the upload button and browse to the image files to upload them.

Images are stored in SMT site image folder in the file cabinet. This folder is located in the file cabinet at Web Site Hosting Files > Live Hosting Files > SSP Applications > NetSuite Inc. - CMS > CMS > [Site Number] > files. You can also upload images directly to this folder from within NetSuite. Any images that you upload in this manner are also available for use with the image manager. The image manager lets you choose from only the images stored in this folder. You cannot select images that are stored elsewhere in the file cabinet.

In addition to Image Content Types, you can also use the Image Manager for adding images to text content type. See [Text Editor Updates](#).

Landing Page Publication

This release changes the process for creating and publishing Landing Pages. Prior to this release, landing pages did not require publication. They were always in a published state, and available to site visitors based on the landing page visibility dates. With this release, landing pages have been added to the publishing workflow. This means that, like content, landing pages must now be published using the **Review & Publish Changes** list.

These changes impact users with SMT version 3 and the Aconcagua release of SCA and greater, including SuiteCommerce. See the help topic [Landing Page](#).

Tags for Landing Pages

This release of SMT adds the Tag field to landing page settings. Tags are user-defined identifiers you can assign to your landing pages. For example, you may use the tag BTS to identify pages and content related to your Back To School sale. The Unpublished Changes list lets you filter and sort unpublished changes by tag. This simplifies the process of bulk publishing or discarding based on the tags assigned to the landing page or content. See the help topic [Content Tags and Filter Tools](#).

Tags for SMT Content

This release of SMT adds the Tag field to content settings. Tags are user-defined identifiers you can assign to content. For example, you tag all content related to your back to school sale with BTS. This includes image, text, and merchandising zone content as well as a Back to School landing page. The Unpublished Changes list, lets you filter by tag so that you can perform bulk actions such as publishing or discarding unpublished changes. See the help topic [Content Tags and Filter Tools](#).

Text Editor Updates

This release of SMT includes several enhancements to the WYSIWYG editor for text content type.

- Previously, only H1, H2, and H3 were available on the toolbar. Now the toolbar provides you with a list of additional styles including paragraph, and Headings 1 through 6.

- The text editor menu now includes an alignment button that lets you choose from left, center, right, or full alignment.
- The text editor now lets you switch from WYSIWYG to HTML view, which makes it possible for you to view and or edit the underlying HTML of text content.
- Previously, you could not include images in text content type. The updated editor now includes an option for inserting images into the text content type. Clicking the button opens the image manager and lets you select from images in the SMT files folder in the file cabinet or choose a local image to upload to the SMT files folder in the file cabinet. The editor lets you set important attributes for images you include in text content. These attributes include:
 - Image alignment of left, center, or right
 - Spacing for top, right, bottom, and left
 - Alternate text

Commerce Merchandising

NetSuite 2018.2 includes the following enhancement to commerce merchandising features:

Merchandise Hierarchy

 [View the New Feature Training for Merchandise Hierarchy.](#)

The new Merchandise Hierarchy feature is a useful tool in the planning, purchasing, and tracking stages of your product lifecycle. It enables you to analyze sales, purchase, and inventory status data that is rolled up by hierarchy categories.

Merchandise Hierarchy makes the process of gathering actionable insights easier for the customer. It is useful to users with roles dealing specifically with the management and planning of merchandise and inventory, particularly in the retail sector.

By providing a clear visualization of your hierarchy structure, Merchandise Hierarchy makes it easier to create the hierarchy itself. It also means you can easily see parent child relationships and groupings. Plus, it provides an enhanced user experience that requires less hand-holding and training, and simplifies setup and maintenance.

With the Merchandise Hierarchy feature users can customize their saved searches and reports. They can slice sales, purchase, and inventory status data by hierarchy levels and nodes as required. Users have the choice to preserve the historical classification of items in transactions for reporting.

For more information, see the help topic [Merchandise Hierarchy](#).

Commerce Platform

Commerce Platform includes platform capabilities that you can use to build and deploy a more interactive and engaging shopping experience for customers. NetSuite 2018.2 includes the following enhancements:

- [Availability of Subscription Email in Multiple Languages](#)
- [System Email Templates for Web Store Email Messages](#)
- [SuiteScript 2.0 for SSP Applications](#)

- [Automatic Cache Invalidation Improvements](#)
- [Long-Abandoned Passwords for Customer Center Roles to be Reset](#)
- [Search Engine Access to Shopping Carts](#)
- [Secure Hosted Web Pages](#)

Availability of Subscription Email in Multiple Languages

The Subscription Email feature enables you to send email to customers inviting them to subscribe to marketing email or confirm their existing subscription preferences. Prior to 2018.2, you could customize the email text in only one language. To better serve the needs of an international audience, you can now customize subscription email templates in all languages supported by NetSuite. You can customize the email subject and all other email text apart from the footer (which is identical for all bulk email sent by NetSuite).

Support for multiple languages is provided using System Email Templates. Standard System Email Templates are available in all supported languages for both the opt-in invitation message and the opt-in confirmation email message. Therefore, by default, customers receive the email in their preferred language. If you want to customize the email, you can modify the text of the standard email template or you can create your own custom templates. You can create custom templates in all languages supported by NetSuite. You can also insert NetSuite record fields into the template, including fields from the Subsidiary record, such as subsidiary name and address. You need the System Email Template permission (available on the Permissions > Lists subtab) to create and edit system email templates.

All default and custom templates for subscription email are available in the new Marketing Subscriptions category of System Email Templates.

For information on how to create and modify subscription email templates, see:

- [Opt-In Email](#),
- [Customizing Templates for System-Automated Email](#)
- [Creating Scriptable Templates](#).

Note: If you use customized text in subscription email messages at the moment, your existing customized email text will be converted to custom system templates automatically and the converted templates are selected by default on the Marketing Preferences page. However, you should review the converted templates for accuracy and verify that they are working as expected. In addition, you should ensure that the template has text available in your company default language.

System Email Templates for Web Store Email Messages

Prior to 2018.2, email messages related to web store transactions could be customized using either Web Store Email Templates or the Customize Text Groups feature. From 2018.2, you can also create and modify web store email messages using System Email Templates, which is the same method used for other types of system-automated email. System Email Templates are highly customizable and give you greater control over the appearance and content of email sent from your web store. For example, you can customize how ordered items are displayed and you can add product pictures.

System Email Templates are also ideal for an international audience because, if you have the Multi-Language feature enabled, you can set up multiple language versions of the same email template. Web store users receive the email message in their preferred language.

Mobile-friendly, default email templates are available for all web store email messages. You can customize these templates or create new ones.


For more information, see the help topic [System Email Templates for Web Stores](#).

System Email Templates are available for the following web store email types:

- **Website Order Notifications**
 - Order Received
 - Order Canceled
 - Order Approved
 - Order Fulfilled
- **Website Digital Delivery Notifications**
 - Gift Certificate
 - Gift Certificate Confirmation
 - Download Available
 - License Code
- **Website Other Notifications**
 - Checkout Errors
 - Password Recovery
 - Registration Confirmation (the existing System Email Template for this email type has been updated)

Suppose you currently have Web Store Email Templates or Customized Text Groups selected on the Website Setup record for any of the above email. With 2018.2, custom System Email Templates are created for you using your existing selections. You can also manually convert Web Store Email Templates or Customized Text Groups to System Email Templates. For more information, see the help topics [Create System Email Templates from Web Store Email Templates](#) and [Create System Email Templates from Customized Text Groups](#).

After you verify that the converted templates are working as expected, you can select them on the Email subtab of the Website Setup page to activate them for use in your web store. For more information, see the help topic [Select Email Templates for your Web Site](#). Web Store Email Templates and Customized Text Groups also continue to be available for use.

 **Note:** Web Store Email Templates support only one language. If you choose to use a System Email Template that has been converted from a Web Store Email Template, you ensure that at a minimum, the template has text available in your company default language.

SuiteScript 2.0 for SSP Applications

As of 2018.2, you can use SuiteScript 2.0 scripts within SSP applications and leverage the many advantages of SuiteScript 2.0. For more information about SuiteScript 2.0, see the help topic [SuiteScript 2.0 Advantages](#).

To activate SuiteScript 2.0 for SSP applications, go to Setup > Company > Enable Features and select the new **SuiteScript 2 Server Pages** feature on the SuiteCloud tab. After the feature is enabled, you can use SuiteScript 2.0 in your SSP applications. You can also continue to use SSP applications that use SuiteScript 1.0. However, you cannot use a combination of SuiteScript 1.0 and SuiteScript 2.0 in the same SSP application.

The major differences between SuiteScript 1.0 and SuiteScript 2.0 SSP applications are:

- **Different syntax is used in SuiteScript 2.0 and SuiteScript 1.0 scripts** – SuiteScript 2.0 scripts used in SSP applications must begin with a declaration that they are written in SuiteScript 2.0. This declaration is not required in SuiteScript 1.0. For more information and examples, see the help topic [Sample SSP Application Code \(SuiteScript 2.0\)](#).
- **Explicit deployment required for SuiteScript 2.0 SSP applications** – to be accessible on a website or domain, an SSP application must be explicitly deployed to that domain or site. Deployment to a website means that it is accessible from all domains associated with the website.
- **Single SuiteScript 2.0 SSP application permitted per path** – you cannot deploy more than one SSP application to a single URL root.
- **Touch points are not supported for SuiteScript 2.0 SSP applications** – Instead of touch points, SuiteScript 2.0 SSP applications use a default SSP file to store the logic of which script should be triggered when the user accesses different parts of the website. At present there are no NetSuite SSP applications that contain a default application file, however, you can develop and use your own.

The ability to select a default application file for a domain or website will be available in a future release. In 2018.2, SSP applications that use SuiteScript 2.0 can be used for:

- Backend processing, for example, logging.
- Services on the website, accessible using a direct link to the URL root at which it is deployed.

For detailed information on creating, installing, and deploying SuiteScript 2.0 SSP applications, see the help topic [SuiteScript 2.0 SSP Applications](#).

Automatic Cache Invalidation Improvements

The 2018.2 release introduces performance improvements for the Automatic Cache Invalidation feature.

Beginning in 2018.2, group invalidation requests are used to reduce the number of individual requests during bulk upload. When applicable, multiple path invalidation requests are replaced with a single wildcard invalidation request. In addition, frequently modified content is not cached on CDN to enhance processing performance.

For more information, see the help topic [Automatic Cache Invalidation](#).

Search Engine Access to Shopping Carts

Prior to 2018.2, search engine spiders (also known as bots or crawlers) were restricted from following the **add item to cart** links on SuiteCommerce websites. This restriction has been removed in 2018.2.

To prevent bots from following links to items on your website, which results in the items being added to the shopping cart, use the industry-standard file `robots.txt`. This file is used to inform bots which areas of the website should not be processed or scanned.


For more information, see the help topic [How to Create the Robots.txt File](#).

Secure Hosted Web Pages

The Hosted Web Page domain type can now be created as a secure domain. See the help topic [Set Up a Web Store Domain](#) for more information.

SuiteCommerce InStore

SuiteCommerce InStore (SCIS) uses a phased release process. Each phase consists of a different group of customers upgraded to the newest version of SCIS 2018.2. All administrators receive an email notification with information about when accounts are scheduled upgrade.

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

Preview in Sandbox

Before your account is upgraded, you can install SCIS 2018.2 in your sandbox account. This provides the opportunity for testing new features with your own data and business processes in advance of the production upgrade.

After you have installed SCIS 2018.2 in your sandbox account, you should do the following:

- Use your sandbox account to learn about new features and to test the upcoming release.
- **Use your production account to run your daily business.**

The following updates and new features are included in SuiteCommerce InStore, Bundle ID 233001 (SCIS 2018.2):

- Upcoming Deprecation of the Submit on Update Checkbox
- Update to the SCIS for Windows Mobile App
- Update to the SCIS for iOS Mobile App
- Cash & Carry Field on Sales Transactions
- Enhancement to Image Resizing in SCIS
- EMV Processing Optimization
- Enhancements to the Workflow for Returns
- Ability to Modify Expiration Date on Quotes
- Ability to Create Extensions for SCIS
- Transaction History in SCIS
- Ability to Assign Customers to Orders in Fallback
- Ability to Assign Sales Reps to Transactions in Fallback
- Split Payments in Fallback
- Transaction Differences in Fallback

Upcoming Deprecation of the Submit on Update Checkbox

The **Submit on Update** checkbox will be deprecated in an upcoming release. The Execute Client Scripts check box was implemented to enable the system to execute AvaTax integration code as Client

Scripts. Starting with SCIS 2019.1, best practice is to use the Execute Client Scripts setting with AvaTax integrations. For more information, read the help topic [Deprecation of Submit on Update](#).

✓ **Tip:** If you are currently using AvaTax, it is recommended that you test the **Execute Client Scripts** setting on your Sandbox account to ensure that it works properly with your configuration of SCIS.

Update to the SCIS for Windows Mobile App

The SCIS for Windows mobile app 4.1 was released on January 7, 2019. This release includes general updates. When you launch the new version of the mobile app, the application package will automatically update on your device. There are no required actions from administrators with respect to this update.

Update to the SCIS for iOS Mobile App

SCIS for iOS version 4.1.1 is now available and approved for download. Updating the SCIS for iOS mobile app on iPads running SCIS is required to take full advantage of SCIS capabilities.

Ensure that recommended settings have been applied. For more information, read the help topic [Recommended Settings for iPads Running SCIS](#). Also, run acceptance tests to ensure that your system continues to run as expected. For more information, read the help topic [Updating the Operating System and SCIS Mobile App](#).

If you are updating from the 3.x. version of SCIS for iOS, then you must reset Touch ID login capabilities with the new version.

Sales associates who typically use Touch ID to log in to SCIS, must enter an email address and password the first time they log in with Version 4.1.1 of the mobile app. Typing login credentials resets the Touch ID feature.

Cash & Carry Field on Sales Transactions

A new field has been added to sales transaction forms in SCIS 2018.2.3. This field, labeled **SCIS Cash & Carry**, identifies items that customers purchase from your store and take with them, separately from items that will be shipped or picked up later in-store.

SCIS RETURN REASON (TX)	ITEM NOTE	SCIS ORDER LINE	SCIS CASH & CARRY	HISTORY
				History
			Yes	History
				History

Note the following enhancements to the fulfillment process that are associated with the SCIS Cash & Carry field:

- The **SCIS Cash & Carry** field appears on all forms created from sales transactions. This field has a value only when the sales transaction includes cash-and-carry items in addition to items that will be shipped or picked up in-store.
- If the **Fulfillment Request** feature is enabled, the fulfillment process is automated for cash-and-carry items. A fulfillment request and store pickup request are automatically created and completed for cash-and-carry items.
- If the **Fulfillment Request** feature is not enabled, a store pickup request is created and completed automatically for cash-and-carry items.

Note: An administrator must still create the Fulfillment Request for in-store pickup and items for shipping, unless the Advanced Order Management feature is enabled and configured correctly. The enhancements associated with the SCIS Cash & Carry field do not affect the fulfillment process for shipping and in-store pickup.

Enhancement to Image Resizing in SCIS

In SCIS 2018.2, new Image Size IDs have been added to the list on the **Advanced** subtab of the Web Site Setup page. The new values enable administrators and web developers to create a richer experience for sales associates. Now, a greater variety of images can be displayed in SCIS.

Required Action

If you are currently using SCIS 2018.1.x, you must add the new Image Size IDs, along with values for Maximum Width and Maximum Height to your account. Go to Setup > SuiteCommerce Advanced > Set Up Web Site, and then click Edit next to your SuiteCommerce InStore website. On the Web Site Setup page, click the Advanced subtab, and update the **Image Resizing** list. Perform this task before upgrading to the new version.

Add the following new Image Size IDs:

- cartitem
- receiptitem
- itemdetails
- quickadditem

Copy the maximum height and width parameters from the table below. Ensure that all image size IDs are marked as Enabled. This table shows the complete list of image size IDs required for SCIS 2018.2.

Image Size ID	Maximum Width	Maximum Height
fullscreen	1,600	1,600
main	600	600
search	150	120
thumbnail	100	100
tinythumb	50	50
zoom	900	900

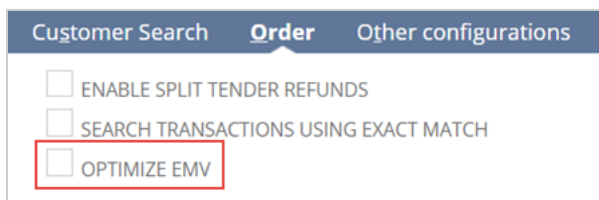
Image Size ID	Maximum Width	Maximum Height
cartitem*	150	150
receiptitem*	80	80
itemdetails*	300	375
quickadditem*	90	90

*Indicates new image size IDs for SCIS 2018.2.

For more information, read the help topic [Configuring Item Images for SCIS](#).

EMV Processing Optimization

A new check box has been added to the SCIS settings record, **Optimize EMV**. Administrators can check this box to benefit from a performance enhancement to sales transactions submitted with EMV payment methods.



The screenshot shows the 'Order' tab of the SCIS settings record. Under the 'Other configurations' section, there are three checkboxes: 'ENABLE SPLIT TENDER REFUNDS', 'SEARCH TRANSACTIONS USING EXACT MATCH', and 'OPTIMIZE EMV'. The 'OPTIMIZE EMV' checkbox is highlighted with a red rectangular box.

Note: To use the Optimize EMV setting, you must use the accounting preference, **Invoice in Advance of Fulfillment**.

The new check box affects the device priming process. The priming process is the action that triggers the PIN pad initialization. This action submits a transaction in NetSuite with the EMV payment method information and SCIS device ID included. When the box is not checked, the SCIS priming process operates as it has in previous releases, it submits a cash sale transaction.

However, with the **Optimize EMV** box checked, during the priming process, SCIS submits a customer payment and invoice instead of a cash sale. Because customer payments do not calculate taxes, or typically run several user event scripts, this optimization speeds up the process of submitting a sales transaction.

This check box affects specific types of sales transactions:

- Sales transactions where the entire amount is processed using an EMV payment method.
- Sales transactions where an EMV payment method is the first one used in a split payment of more than one payment method.

Important: This enhancement changes the payment process. If you enable this enhancement, you should use your sandbox account to test sales and return transactions in SCIS, prior to using this enhancement in your production account.

For more information, read the help topic [Optimize EMV Enabled Sales Transactions](#). Read also, [SCIS Settings for Orders](#) to learn about the Optimize EMV setting on the SCIS Settings record.

Enhancements to the Workflow for Returns

SCIS 2018.2 includes enhancements to workflows for sales associates processing validated returns and working with quotes. These enhancements are intended to improve ease-of-use for sales associates working with SCIS.

In SCIS 2018.2, when you click the Return button to initiate a validated return, the enhanced user interface provides a clear display of items that are available for return and the items that are not. In addition, there is a new check box for applying the return reason. Sales associates can apply a return reason to each line item on the return transaction, or apply the same return reason to all items on the transaction.

Select one or more items for return from CASH10080

Pants
ITEM #Scrubs-Pants 0/1 \$150.00

Items that can not be returned

Pants
ITEM #Scrubs-Pants 1 \$150.00

Damaged

☐ Apply reasons individually.

RETURN

For more information, read the help topic [Processing Returns in SCIS](#).

Ability to Modify Expiration Date on Quotes

In SCIS 2018.2, sales associates can modify the expiration date on quotes. If the quote expiration date is in the past, the sales associate can still open the quote, modify it, and change the date if needed. This enhancement enables the same capabilities for quotes in SCIS as estimates in NetSuite.

Quotes

Memo Estimate created by Sofia

Expiration Date 09/12/2018

ADD

Also, if the expiration date of the quote is in the past, you can still open the quote, modify it, change the date, and save it again if needed. Alternately, you can convert the quote to an order.

Expired quotes are displayed in search results. Expand the line in search results to see the expiration message highlighted in yellow.

ORACLE | NETSUITE EST10036

ID	Date & Time	Type	Origin	Total	Customer
EST10036	07/16/2018 10:50 AM	estimate	Main Office	\$10.10	Carlos Wolfe

Quote is expired

(1x) Logo Coffee Mug \$10.00

Expiration Date 08/15/2018

Status Proposal

OPEN QUOTE

For more information, read the help topic [Entering Quotes in SCIS](#).

Ability to Create Extensions for SCIS

In SCIS 2018.2, retail establishments can work with web developers to create extensions for SCIS. In this release, components have been added to the Extensibility API to enable web developers to create popup windows that can be displayed in the SCIS.

Previously, as of 2018.1, web developers could only use SCIS Event validators to trigger events based on actions that took place mostly in the cart. Now, starting in 2018.2, developers can use the Extensibility API to write code that triggers actions in the frontend, after certain events have already occurred in the cart. The same events that are used in backend validators are available to use in the Extensibility API in the frontend.

For example, a sales associate goes to add an item into the cart. A web developer using the Extensibility API creates an option window that validates a condition to determine if the item should be added or not.

Note: This feature includes the following limitations:

- The behavior of events used in the backend are different from events used in the frontend.
- Custom fields created on any record in NetSuite, are not available to be used with the Extensibility API.

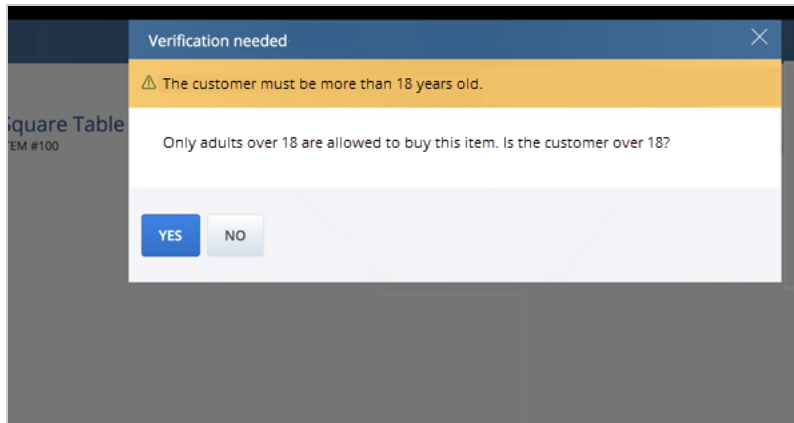
Option Windows and Information Windows

Additional components in the Extensibility API, enable web developers to create option windows and information windows that provide sales associates with feedback about an operation. These windows fill only the amount of space required for the message, so the current activity in the cart remains visible to the sales associate. Note the following:

- **Option window** – This window enables the sales associate to choose between two options. Use the option window to show the following:
 - A Toast notification (short popup message) based on one of the status values available for extensions (warning, error, success, information).
 - Text that can be loaded dynamically.

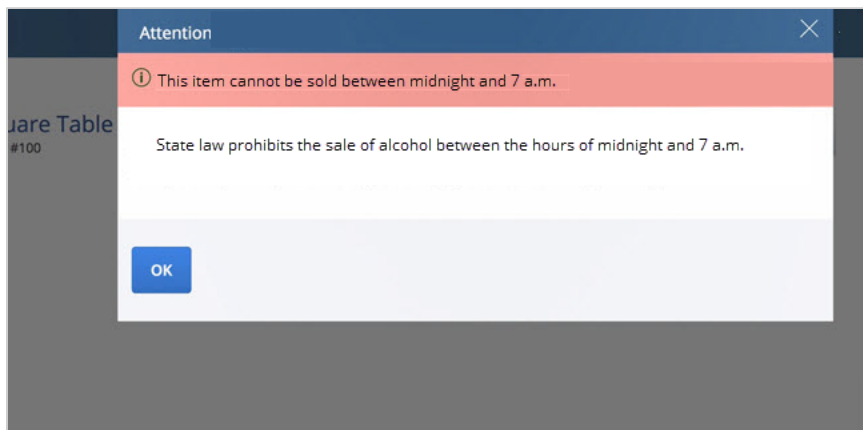
- Two buttons that can be customized by developers.

The following screenshot shows an option window with a warning status.



- **Information window** – This window shows an informational message. Only one action can be associated with the Information window. Use the information window to show the following:
 - A Toast notification based on one of the status values available for extensions (warning, error, success, info).
 - Text that can be loaded dynamically.
 - One button that can be customized by developers.

The following screenshot shows an information window with an error status.



- **Status values** – Option and information windows indicate a particular status. Each window is marked with a status value color bar at the top. Note the following supported status values and colors:
 - **Warning** – yellow
 - **Error** – red
 - **Success** – green
 - **Information** – blue

Creating Extensions for SCIS

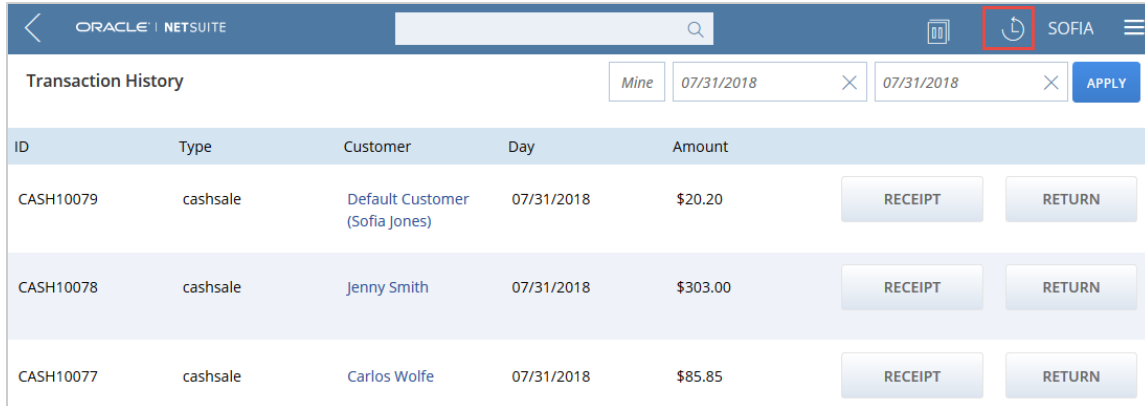
To start creating extensions for SCIS, web developers must install the SuiteCommerce Extension Management bundle. Use the developer tools provided in the bundle to deploy extensions to a

NetSuite account. Administrators can activate SCIS extensions using the Extension Manager in NetSuite.

For more information, read the help topic [SCIS Extensions](#). Read also, [SCIS Extensibility API](#).

Transaction History in SCIS

The Transaction History enables sales associates and sales reps to view recent transactions. They can also print receipts for quotes, returns, or purchases. Click the clock icon at the top of the screen to view the Transaction History.



ID	Type	Customer	Day	Amount		
CASH10079	cashsale	Default Customer (Sofia Jones)	07/31/2018	\$20.20	RECEIPT	RETURN
CASH10078	cashsale	Jenny Smith	07/31/2018	\$303.00	RECEIPT	RETURN
CASH10077	cashsale	Carlos Wolfe	07/31/2018	\$85.85	RECEIPT	RETURN

In SCIS 2018.2, the Transaction History includes filters: **Mine**, and **All**. Sales associates can filter the results to view only transactions that they submitted (Mine), or transactions submitted by all sales associates (All). It can be useful to view all transactions when called upon to process a return for a customer who originally worked with a different sales person. Sales associates can use the date filters to view transactions that occurred during a specific date range.

For more information, read the help topic [Printing Receipts from the Transaction History](#).

Ability to Assign Customers to Orders in Fallback

In SCIS 2018.2, a new link in the order summary sidebar enables a sales associate to assign a customer to an order submitted in Fallback. Sales associates can touch or click the **Assign Customer** link, and then enter a customer identifier in a popup dialog window. The customer identifier can be an email address or a customer ID. The sales associate must enter at least one identifier to assign a customer to the order.

Entering the customer's first or last name is optional. The sales transaction submitted in Fallback is matched in the system based on the customer ID or the customer email field in NetSuite. The customer name is used as a filter, to refine the search.

During the consolidation process, the identifier entered in Fallback is matched against the list of customers in the NetSuite account. If the identifier matches an existing customer, the customer information is associated with the Fallback transaction and is carried through to the final NetSuite transaction.

Note: If there is more than one match on a customer email address, then the customer name can help identify the correct customer. However, if the customer name is incorrect, and not matched, then consolidation cannot occur, and a final transaction is not created in NetSuite.

For more information for sales associates, read the help topic [Assign a Customer to an Order in Fallback](#).

Ability to Assign Sales Reps to Transactions in Fallback

In SCIS 2018.2, sales reps can be assigned to transactions, exactly the same way as they are in SCIS online. Sales associates can click or touch a link in the cart to display a list of sales reps, then add one of them to a sales transaction entered in Fallback.

Note: The sales rep selected is only added to the current transaction. After a transaction is submitted in Fallback, the sales associate can select a sales rep again for the next transaction.

The sales rep data in the Fallback transaction is captured from the device, and then transferred to NetSuite along with other data from the order. The Sales Rep name appears on the receipt, the SCIS Fallback Transaction in NetSuite, and on the final transaction. If no sales rep is selected in Fallback, then a sales rep is not specified on the final transaction in NetSuite.

Note: If the sales rep record becomes inactive, or the sales rep location changes in NetSuite, then reconciliation of the NetSuite transaction is required. You must edit the final transaction in NetSuite to reset the Sales Rep field.

For more information, read the help topic [Enter an Order in Fallback](#).

Split Payments in Fallback

In SCIS 2018.2, sales associates can create split payments for sales transactions entered in Fallback. They can divide a single payment in two or more different payment methods. After full payment is applied to the sales transaction, and the data delivery and consolidation process have completed, an invoice transaction record is created in NetSuite. All payment methods applied to the transaction are displayed on the final transaction in NetSuite.

In the event of an interruption in the Fallback session, partially paid transactions are suspended. The Fallback session can be interrupted if the sales associate switches to SCIS online, closes the app, or logs out of Fallback before completing payment on a sales transaction. The incomplete Fallback transaction is saved on the device, and is not transferred to NetSuite until full payment is applied. Any sales associate with the appropriate Fallback PIN can resume the transaction and finish applying payments in Fallback. Immediately after logging in to Fallback, a popup message indicates that there is a pending transaction waiting to be completed.

Sales associates can ignore a pending sales transaction, and then resume it later. However, there is no option to discard the transaction if partial payment has already been applied. Best practice is to ensure that there are no remaining suspended transactions in Fallback at the end of a shift, or prior to reallocating a point-of-sale device.

Transaction Differences in Fallback

In 2018.2, the **Transaction Difference from Fallback** field shows a value only if there is a difference between the sales transaction entered in Fallback and the final transaction created in NetSuite. This new field appears on the SCIS Fallback subtab on the final transaction.

Items	Shipping	Billing	Accounting	Relationships	Communication	Related Records	System Information	Custom	SCIS Fallback
<div> <div> FALLBACK TRANSACTION FBTRN001000003 </div> <div> SALES DATE 8/8/2018 3:53:00 am </div> <div> RECONCILIATION STATUS Transaction created with differences </div> </div> <div> TRANSACTION DIFFERENCE FROM FALLBACK Transaction line was recalculated because of a different tax rate on the Fallback transaction </div>									

The following table describes what you might see on the final transaction with corresponding values in the **Transaction Difference from Fallback** field.

Data on the final transaction in NetSuite	Values in the Transaction Difference from Fallback field
Sales Rep is missing from the final transaction.	<ul style="list-style-type: none"> ■ The selected sales rep is disabled or does not exist. ■ The sales rep selected in Fallback is not associated with the location.
The amount on one or more transactions lines is different from the expected transaction line amount.	Transaction line was recalculated because of a different tax rate on the Fallback transaction.
The discount amount on the final transaction is not as expected.	Order discount was recalculated because of a different tax rate on the Fallback transaction.

See also, [Cases when NetSuite Transactions are Different from Transactions Entered in Fallback](#).

SuiteBundler

NetSuite 2018.2 includes the following change for SuiteBundler:

- [Updates Required to Existing Objects for Custom Segment Unified IDs](#)

Bundle Support during Release Phasing

Bundle support during phasing of 2018.2 is consistent with the support provided during previous releases. During phasing of 2018.2, some accounts continue to use 2018.1 during the time that other accounts are upgraded to 2018.2. Therefore, you may be using a version different from some of the accounts where your bundles are installed.

Review the description below for a reminder of how bundles from different versions are handled during release phasing.

- Bundles developed with 2018.1 can be installed into accounts that are already using 2018.2.
- Bundles developed with 2018.2 can be installed into accounts that are still using 2018.1, but note the following limitations:
 - When a user in a 2018.1 account installs a bundle from a 2018.2 account, any object types in the bundle that are not supported in 2018.1 are not installed. Uninstalled object types may result in a potentially serious impact to bundle function.
 - A bundle with a SuiteScript that uses a new API available only in 2018.2 can be installed into a 2018.1 account, but the script may not function correctly because 2018.1 does not support the API.

Updates Required to Existing Objects for Custom Segment Unified IDs

The unified script ID enhancement in 2018.2 has an impact on bundled objects. If the Use As Field ID setting is enabled for existing custom segments, existing customizations that include those segments may stop working or may not work as expected. Objects that may be impacted include scripts,

workflows, printing templates, and saved searches. For more information about the unified script ID and its impact on objects, see [Unified ID Available for Custom Segments](#).

To ensure the successful installation of bundled objects that reference custom segments, observe the following guidelines:

- **For installation of a bundle from a 2018.2 source account to a 2018.2 target account (same release)** – If the Use as Field ID setting is enabled on the segment in the source account, ensure that the objects in the bundle's target account are updated to reference the unified script ID for the segment.
- **For installation of a bundle from a 2018.1 source account to a 2018.2 target account (lagging release to leading release)** – The unified script ID enhancement is not available in 2018.1 (lagging release). For the bundle installation to succeed, the Use as Field ID setting must not be enabled on any applicable existing custom segments in the target account.
- **For installation of a bundle from 2018.2 source account to a 2018.1 target account (leading release to lagging release)** – The unified script ID enhancement is not available in 2018.1 (lagging release). For the bundle installation to succeed, the Use as Field ID setting must not be enabled on the custom segment in the source account. Objects must reference the individual script IDs for the columns and subtabs of the custom segment.

SuiteBuilder - Customization

View the  [SuiteBuilder 2018.2 - Advanced Printing New Feature training](#).

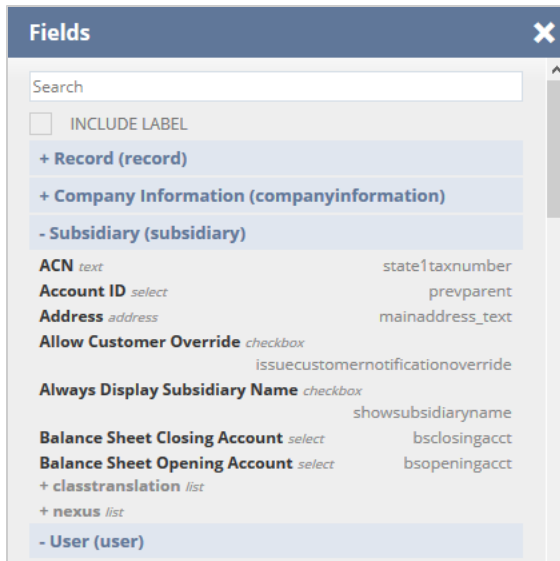
View the  [SuiteBuilder 2018.2 - Customizations New Feature training](#).

NetSuite 2018.2 includes the following enhancements to SuiteBuilder features:

- Updates to Advanced Template Field Selector
- Advanced Template Printing Support for Custom Records
- Advanced Template Created Dynamically for Saved Searches
- Updated Version of CKEditor Used in Advanced Template Editor
- Unified ID Available for Custom Segments
- Custom Record Script ID Available in the Custom Segment Search
- Script ID Available in the Custom Record Type Saved Search
- Support for Additional Records Added to Custom Segments
- Show in List Option Added for Custom Segments
- Standardized Button Functionality on Customization Configuration Pages
- Ability to Customize Standard Field-Level Help
- Bill Data Presentment SuiteApp – Alpha Version

Updates to Advanced Template Field Selector

The Advanced Template field selector now includes all available printable fields and sublists for a template. Fields and sublists are grouped by record and each section can be expanded or collapsed for easy navigation. To quickly find the field you need, use the **Search** field to shorten the list of available fields.



Sublists displayed in the field selector are dimmed and appear for reference only. You cannot add sublists to a template from the field selector. Instead, you must edit the markup source to add a sublist. For more information about adding sublists to a template, see the help topic [Source Code Editing in the Template Editor](#).

Only fields and sublists for features that have been enabled in the account are available in the field selector for the template. For a full list of all available fields and sublists, see the help topic [SuiteBuilder Advanced Templates Reference](#).

Advanced Template Printing Support for Custom Records

Advanced Templates can now be used to print custom records. To print a custom record, click the **Print** button.

When your organization updates to NetSuite 2018.2 a standard print template will be available for any existing custom record type.

Administrators can customize a standard print template and assign it to a custom record type. Custom print templates are not updated when the custom record type is changed. For more information about customizing the custom record type print template, see the help topic [Updating Custom Record Type Print Templates](#).

Advanced Template Created Dynamically for Saved Searches

When you create an advanced printing template for a saved search, the Advanced Template Editor generates a template that includes the default saved search content. All of the fields listed on the Results subtab of the saved search are displayed in a table. The table columns might be unreadable if the saved search includes more than 10 fields. You can edit the template to remove columns, or edit the saved search to return fewer results. For more information, see the help topic [Customizing Advanced Templates in the Template Editor](#).

For more information about printing the results of a saved search, see the help topic [Advanced Templates for Printing Saved Search Results](#).

Updated Version of CKEditor Used in Advanced Template Editor

The CKEditor library used by the Advanced Template Editor has been updated to version 4.8. This update improves editor stability and lets you use the mouse to resize table cells.

Unified ID Available for Custom Segments

A unified script ID is now available for custom segment definitions. This enhancement lets you use one ID in your customizations to refer to all of the record types for one custom segment. With the unified ID, you are not required to know the applied record type when referring to a custom segment field on a specific record.

A new Use as Field ID box is available on the Custom Segment definition page and is checked by default on new custom segments. The setting is not checked on existing custom segment definitions because existing scripts would fail. Check the box to use one ID for the entire custom segment definition. When the box is checked, the field ID fields and columns on the Application & Sourcing subtabs are not visible because one ID is used for all fields. For more information, see the help topic [Creating a Custom Segment](#).

Unified IDs in searches and filters show the field type so that you can distinguish among body, line, and filter fields.

In 2018.2, the unified ID for custom segments is not available in SuiteAnalytics Connect.



Important: If you change the Use as Field ID setting on existing custom segments, your customized solutions might stop working, or might not work as expected. Verify SuiteScripts, CSV imports, web services, workflows, formula fields, bundles, SDF, searches, printing templates, and any other customizations that include custom segments.

Custom Record Script ID Available in the Custom Segment Search

Searches of custom segments can now include the custom record script ID field. The custom record script ID is the script ID of the custom record associated with a custom segment. For more information, see the help topic [Custom Record Types Associated with a Custom Segment](#).

Custom record script ID can be used as a results field or as a filter in custom segment searches. You can sort search results to group custom segment types by the custom record types with which they are associated. You can filter searches to return only the custom segment types that are associated with specific custom record types.

For more information about defining search results and criteria, see the help topic [Defining an Advanced Search](#).

Script ID Available in the Custom Record Type Saved Search

The script ID can now be used in the search criteria for the custom record type saved search. The script ID is assigned to instances of the selected custom record type.

To search for a custom record using the script ID:

1. Go to Customization > Lists, Records, & Fields > Record Types.

2. Click the Search link for the record type you want to search.
3. In the Script ID field, enter the search logic to use and the script ID to search for.

The script ID appears in the search results and can be used to sort search results.

You can also use the script ID as a search filter on the Criteria subtab of an advanced search. For more information, see the help topic [Defining an Advanced Search](#).

Support for Additional Records Added to Custom Segments

Custom segments are now supported as line fields for the following transaction types:

- Inventory adjustment
- Inventory transfer

Both of these transaction types are available on the Transaction Columns subtab of the custom segment configuration page. For more information, see the help topic [Applying a Custom Segment to Record Types](#).

For a complete list of supported transaction types, see the help topic [Transaction Types Supported by Custom Segments](#).

Show in List Option Added for Custom Segments

A **Show In List** box is now available on the Custom Segment configuration page. Check the **Show In List** box to show custom segment values on custom record lists and sublists as a column.

CURRENCY	AMOUNT (FOREIGN CURRENCY)	AMOUNT	UNIT SIZE
USA	\$0.00	0.00	Medium
Canadian Dollar	\$0.00	0.00	Large
British pound	£0.00	0.00	Large

Display the custom segment value on a list and use inline editing to quickly edit custom segment values on multiple custom records. To use inline editing on a custom record, you must enable it on the custom record type configuration page. For more information, see the help topic [Defining Search and Edit Settings](#). For more information about using inline editing, see the help topic [Using Inline Editing](#).

To show a custom segment in a list on a custom record, go to Customization > Lists, Records, & Fields > Custom Segments > New and check the **Show In List** box.

Standardized Button Functionality on Customization Configuration Pages

Save button actions have been updated on Custom Record, Custom Transaction, Custom Field, and Custom Form pages to provide consistent behavior.

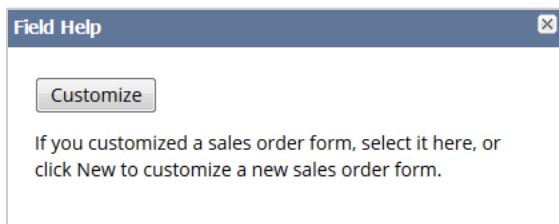
The **Save & Edit** button lets you save changes and remain on the page to continue editing the custom object type. The **Save & Edit** button has been added to the Custom Record, Custom Transaction, Custom Field, and Custom Form pages.

The **Save & New** button lets you save changes and create a new custom object type. The **Save & New** button has been added to the Custom Record, Custom Transaction, and Custom Field pages.

Ability to Customize Standard Field-Level Help

Administrators can now customize the field-level help for standard NetSuite fields and enter field-level help for other languages. Administrators or users with the Full level of the Customize Field Level Help permission can edit or remove the custom help for a field.

To customize the help for a field, click the field label to view help for the field, and then click the Customize button.




A new Standard Field Level Help Customization list page is available for administrators at Customization > Lists, Records, & Fields > Custom Help for Standard Fields. Use this page to edit or remove custom field help for several fields at one time.

SuiteAnalytics (Dashboards, Reporting, and Search)

NetSuite 2018.2 includes the following enhancements to SuiteAnalytics:

- [SuiteAnalytics Workbook Beta Feature](#)
- [New SuiteAnalytics Connect Views for SuiteBilling Subscriptions](#)
- [2018.2 SuiteAnalytics Connect Browser](#)
- [New Read All Permission for SuiteAnalytics Connect](#)
- [NetSuite Password Policies Now Apply to SuiteAnalytics Connect](#)
- [Enhancements to Dashboard Tiles SuiteApp](#)
- [Multi-Language Support for Navigation Portlet](#)

SuiteAnalytics Workbook Beta Feature

 **Warning:** SuiteAnalytics Workbook is a beta feature. The contents of this feature are preliminary and may be changed or discontinued without prior notice. Any change may impact the feature's operation with the NetSuite application. Warranties and product service levels do not apply to this feature or the impact of the feature on other portions of the NetSuite application. We may review and monitor the performance and use of this feature. The documentation for this feature is also considered a beta version and is subject to revision.

Prior to 2018.2, NetSuite offered searches and reports as separate analytical tools, each with their own user interfaces, authoring processes, and metadata layers. The different metadata layers have resulted in some inconsistencies in field naming and exposure between the two tools. These differences have caused challenges for users, including confusion over which tool to use, and difficulty locating fields. Additionally, both tools lack support for multilevel joins and have limitations on formatting options.

In 2018.2, the SuiteAnalytics Workbook beta feature previews a new analytical tool that is currently in development for NetSuite. With SuiteAnalytics Workbook, you can create highly customizable workbooks that combine queries, pivot tables, and charts using a single tool that leverages a new,

unified metadata layer. This new metadata layer is designed to ensure that fields are consistently exposed in SuiteAnalytics Workbook, with consistent results across all components of the workbook. Additionally, support for multilevel joins has been added to SuiteAnalytics Workbook, enabling you to author workbooks using field data from multiple record types, including custom records. Custom formula fields are also supported in SuiteAnalytics Workbook, so you can create and add fields with dynamically calculated values to your workbooks. Finally, SuiteAnalytics Workbook also offers multiple display options for hierarchical fields, so you can easily view data for fields with parent-child relationships. SuiteAnalytics Workbook also supports hierarchical fields so you can view different subsets of data in your tables and charts.

The SuiteAnalytics Workbook user interface has been designed so that users with limited knowledge of record schemas and query language can still create complex workbooks through actions such as drag and drop editing. A range of customization options has also been added to the interface to enable rich formatting and visualizations of your data.

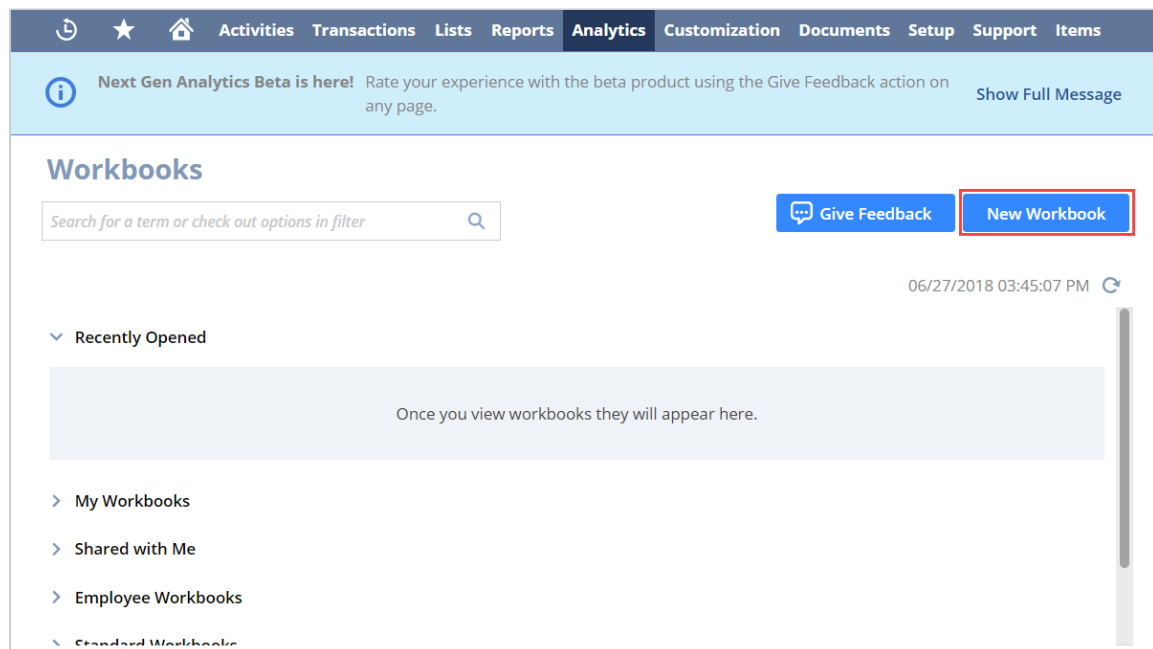
During the beta period, you can try the latest iteration of the SuiteAnalytics Workbook interface to create queries, pivot tables, and charts for a limited number of record types. You can also use analytical record types created specifically for SuiteAnalytics Workbook, such as the Sales Analytics record.

To enable SuiteAnalytics Workbook in your account, go to Setup > Company > Setup Tasks > Enable Features Setup > Company > Setup Tasks > Enable Features. On the Analytics subtab, under SuiteAnalytics Workbook, check the **SuiteAnalytics Workbook** box and agree to the terms of service, then click **Save**.

- [Creating a Workbook using SuiteAnalytics Workbook](#)
- [Elements of the SuiteAnalytics Workbook Interface](#)
- [Supported Workbooks for the SuiteAnalytics Workbook Beta Period](#)
- [Supported Record Types for SuiteAnalytics Workbook Beta Period](#)

Creating a Workbook using SuiteAnalytics Workbook

After the SuiteAnalytics Workbook feature is enabled in your account, the NetSuite navigation menu includes a new Analytics tab. To create a new workbook, click the **Analytics** tab to open the Analytics dashboard. On the Analytics Dashboard, click **New Workbook**.



You are prompted to select a record type for the workbook.

New Workbook: Select a Record Type

Search for a record type that includes fields that you would like to show in your workbook.

SEARCH RECORD TYPES

RECORD TYPE
Campaign
Campaign Audience
Campaign Category
Campaign Channel
Campaign Email Address
Campaign Email Template
Campaign Event
Campaign Family

[Give Feedback](#)

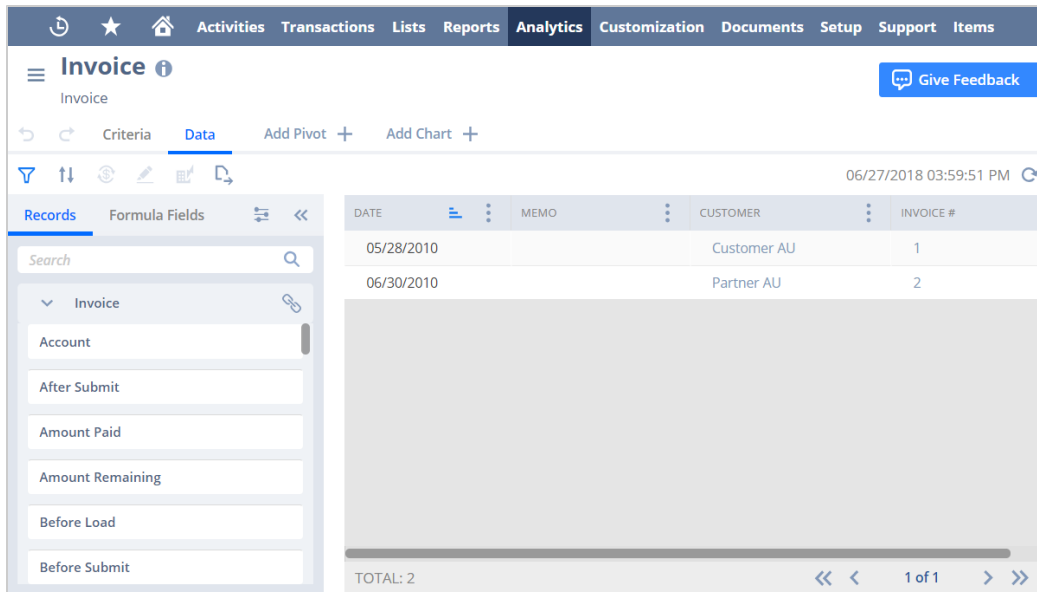
Select a record type from the list to open the **Data** tab and begin the authoring process.

You can complete the [SuiteAnalytics Workbook Tutorial](#) to learn how to create a sample Sales Order workbook. This tutorial includes steps for selecting your source data by creating a query, applying filters to your source data, and pivoting your source data to generate a pivot table and a chart.

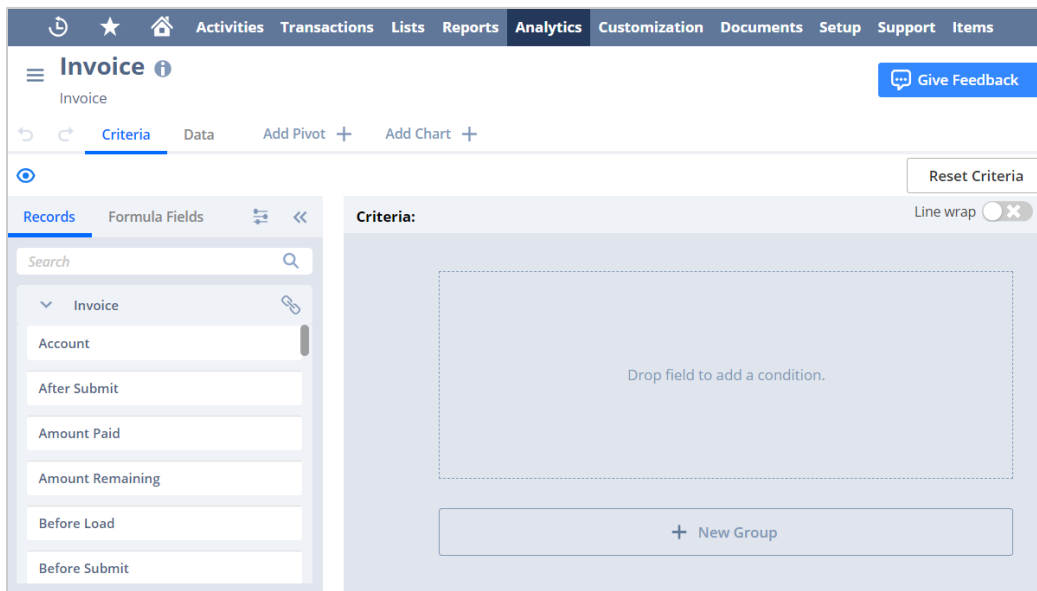
Elements of the SuiteAnalytics Workbook Interface

After you click New Workbook and choose a record type for the workbook, you define the workbook in the SuiteAnalytics Workbook interface. This interface is divided into four tabs:

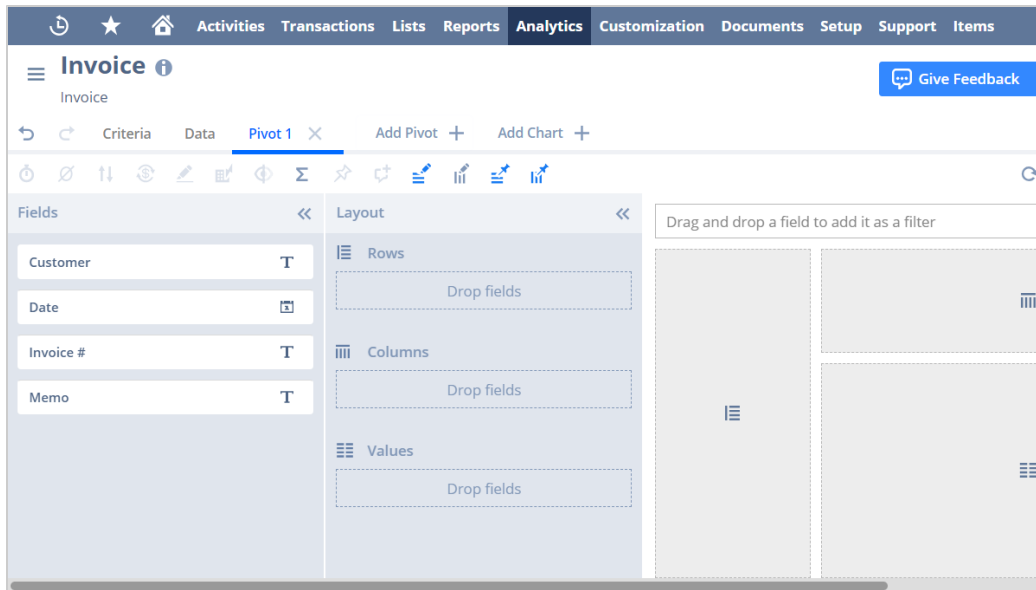
- The **Data Tab**, where you define the source data for your workbook by creating a query. The data available for a query includes fields from the selected root record type, as well as fields from multiple levels of related record types. You can also create custom formula fields on the Data tab. For more information about formula fields, see the help topic [Using Custom Formula Fields in SuiteAnalytics Workbook](#).



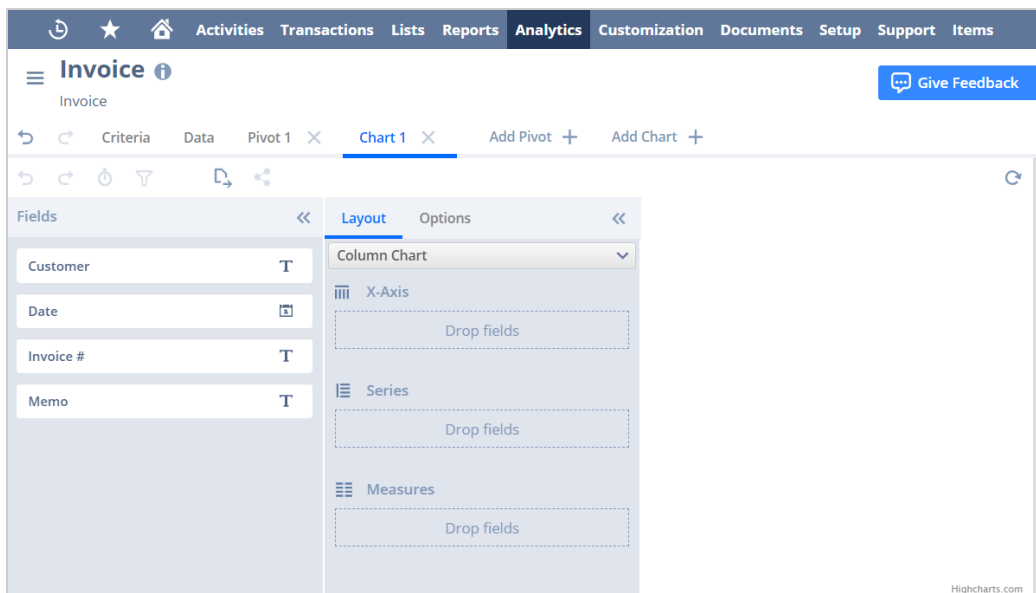
- The **Criteria Tab**, where you apply filter conditions to the source data for your workbook.



- The **Pivot Tab**, where you define the layout for formatting, summarizing, and pivoting your source data.



- The **Chart** tab, where you define the layout for presenting your source data as a chart.



For more information about the SuiteAnalytics Workbook interface, see the help topic [Navigating the SuiteAnalytics Workbook Interface](#). This topic provides detailed descriptions about the elements on each tab of the SuiteAnalytics Workbook interface.

Supported Workbooks for the SuiteAnalytics Workbook Beta Period

SuiteAnalytics Workbook currently does not support standard workbooks that can be generated based on prebuilt definitions, except for the SalesBy Workbook. With the SalesBy Workbook, the source data, criteria, and layouts for specific charts and pivot tables are predefined. Use the SalesBy Workbook to view SalesBy Item, SalesBy Customer, and SalesBy Sales Rep data. To open the SalesBy Workbook, click the Standard Workbooks link on the Analytics dashboard and click the **SalesBy Workbook** link.

Workbooks

Search for a term or check out options in filter

Documentation Give Feedback New Workbook

08/14/2018 04:04:21 PM

- > Recently Opened
- > My Workbooks
- > Shared with Me
- > Employee Workbooks
- > Standard Workbooks

Workbook Name	Description	Owner	Last Run Date	Last Modified	Root Record	Fields and Criteria	Actions
SalesBy Analytical Application		System	08/14/2018	08/14/2018	sales	> Details	🗑️ 🔗

New Workbook

The SalesBy Workbook uses the Sales Analytics record type as the root record for the workbook, which combines fields from multiple records. Consequently, you must have full access to all the records referenced by the Sales Analytics record to properly use the SalesBy Workbook.

For all other workbooks you want to create during the beta period, you must define the source data, criteria, and layouts for the workbook. The [Sample SuiteAnalytics Workbooks](#) section provides annotated steps for defining 20 sample workbooks. Refer to this topic when you want to create sample workbooks for the following business areas:

- Customer Service
- Financial
- Customer/Receivables
- System
- Time & Billables

Supported Record Types for SuiteAnalytics Workbook Beta Period

The SuiteAnalytics Workbook beta feature supports many standard record types and also custom record types specific to your account. Your access to records in SuiteAnalytics Workbook depends on the permissions assigned to the role you use to log in to NetSuite, the center to which you log in, and the features enabled in your NetSuite account. These access requirements are the same for the current NetSuite Search application. If you do not have access to a specific record, contact your administrator. Analytical record types created specifically for SuiteAnalytics Workbook are also available, such as the Sales Analytics record. These records combine fields from multiple record types, and therefore require multiple permissions to access them in SuiteAnalytics Workbook.

To see a list of record types that you can use to create new workbooks, click **New Workbook** on the Analytics dashboard.

New SuiteAnalytics Connect Views for SuiteBilling Subscriptions

In NetSuite, subscriptions are used to track sales and transaction histories for items billed on a recurring schedule. Subscriptions can include one-time items, recurring items, and usage items. You can create stand-alone subscriptions, or you can create subscriptions from opportunities, sales orders, quotes, or estimates.

As of 2018.2, the following SuiteAnalytics Connect views are available:

- Billing_subscriptions
- Billing_subscription_lines
- Price_books
- Price_book_line_intervals
- Price_plans
- Price_tiers
- Subscription_change_orders
- Subscription_co_lines
- Subscription_plan_lines
- Subscription_plans
- Subscription_terms
- Subscript_line_price_intervals

With these views, you can use the Connect Service to query information about the subscriptions in your account. Field information for these views is available in the Connect Browser. To read more about the Connect Browser, see the help topic [Working with the SuiteAnalytics Connect Browser](#).

For more information about SuiteBilling subscriptions, see the help topic [Subscription Management](#).

For more information about records available through the SuiteAnalytics Connect service, see the help topic [Connect Schema](#).

2018.2 SuiteAnalytics Connect Browser

The 2018.2 version of the [SuiteAnalytics Connect Browser](#) is now available. You can find links to the Connect Browser in the help topics titled [The SuiteAnalytics Connect Browser](#) and [Working with the SuiteAnalytics Connect Browser](#). If you want to use the Connect Browser when you are working offline, you can also download a [.zip file](#) that contains the Connect Browser from the Working with the SuiteAnalytics Connect Browser help topic.

New Read All Permission for SuiteAnalytics Connect

Prior to 2018.2, NetSuite offered one permission for access to SuiteAnalytics Connect. Additionally, the exposed records and performance varied for each user depending on their assigned role and permissions. Despite setting the appropriate permissions in NetSuite, certain records were also only accessible using an Administrator role. Consequently, users assigned to custom roles found some discrepancies between the information obtained through the Connect Service and the information displayed in the NetSuite user interface.

In 2018.2, the new SuiteAnalytics Connect — Read All permission enables users to query all NetSuite data using the Connect Service, regardless of what they can access in the NetSuite user interface. Enabling this permission can improve performance when running queries, however sensitive information such as employee and customer records are also exposed to the user. You should therefore only enable this permission for some users in your account.

Note: The existing SuiteAnalytics Connect permission is required to grant access to the Connect Service. Therefore, this permission must still be granted to all roles.

For information about providing users access to SuiteAnalytics Connect, see the help topic [Providing Users with SuiteAnalytics Connect Permissions](#).

NetSuite Password Policies Now Apply to SuiteAnalytics Connect

As of January 2019, the Connect Service starts enforcing the same password policy used in the NetSuite UI. If you try to access the Connect Service with an expired password, you receive an error message and are asked to log in to the NetSuite UI.

To reset an expired password, log in to the NetSuite UI (at <https://system.netsuite.com>), using your email address and the expired password. The Password Change screen opens. Enter your old (expired) password, and then enter a new password. The Password Criteria panel validates that your new password meets the necessary criteria as you type it. For more information, see the help topic [Password Expiration](#).

Before your password expires, you receive several emails notifying you that your password will expire. For more information on how to change the password before the expiry date, see the help topic [Change Password Link](#).

To find out when your NetSuite password will expire, go to the My Login Audit portlet on your home dashboard. For more information on adding this portlet to your dashboard, see the help topic [My Login Audit Portlet](#).

CSV Import

NetSuite 2018.2 includes the following enhancements to CSV Import:

- Newly Supported Record Types for CSV Import
- Change to Working with Intercompany Time and Expenses through CSV Import
- Merchandise Hierarchy Sublist on Selected Item Types
- Tax Registrations Sublist on Selected Entity Types

ReleaseNotes_2018.2.0.pdf - Subject to Change

ORACLE[®] NETSUITE

Newly Supported Record Types for CSV Import

Record Type	Notes
Check Import	<p>A check transaction creates and records a check used to pay an expense, and records an expense paid in cash, not entered as a bill. A check transaction can also record a non-check debit transaction. Non-check debit transactions include debit card transactions, ATM transactions, or EFT (electronic funds transfer) payments.</p> <p>To import check data, in the Import Assistant, set the import type to Transactions, and the record type to Check.</p>
Transfer Order Import	<p>The transfer order transaction is used to move inventory between locations.</p> <p>You can import transfer order data if the Multi-Location Inventory (MLI) feature is enabled on the Items & Inventory subtab at Setup > Company > Setup Tasks > Enable Features.</p> <p>To import transfer order data, in the Import Assistant, set the import type to Transactions, and the record type to Transfer Order.</p>
Payment Instruments Import Type: <ul style="list-style-type: none"> ■ General Token ■ Payment Card ■ Payment Card Token 	<p>A payment instrument is a set of fields that can be used to charge a shopper without any action on the shopper's side. The Payment Instruments import type is available if the Payment Instruments feature is enabled in your account. To enable the Payment Instruments feature, the Credit Cards Payments feature must already be enabled.</p> <p>To import payment instruments data, in the Import Assistant, set the import type to Payment Instruments, and then select the payment instrument to import.</p>
Merchandise Hierarchy Node Import	<p>Merchandise hierarchy nodes provide a way to group items in your merchandise hierarchy. You can use the Merchandise Hierarchy Node import to import new nodes to an existing merchandise hierarchy version. Before you can import hierarchy nodes, you must first create a hierarchy version and the required hierarchy levels.</p> <p>To import merchandise hierarchy node data, in the Import Assistant, set the import type to Classification, and the record type to Merchandise Hierarchy Node.</p>
Customer-Subsidiary Relationship Import	<p>You can import customer-subsidiary relationship data if you use NetSuite OneWorld and the Multi-Subsidiary Customer feature is enabled. The customer-subsidiary relationship import adds or updates multi-subsidiary customer records with subsidiary information. These multi-subsidiary customer records appear on the Customers list.</p>
Vendor-Subsidiary Relationship Import	<p>If you use NetSuite OneWorld, the vendor-subsidiary relationship import adds or updates multi-subsidiary vendor records with subsidiary, credit limit, and tax code information. These multi-subsidiary vendor records appear on the Vendors list.</p>
Resource Allocations Import	<p>A resource allocation record stores details about project resource time allocated to a specific project. After a resource allocation record has been created and approved, the allocated time is shown on the project record. Resource allocation records are available for import in accounts where the Project Management and Resource Allocation features are enabled.</p>

Change to Working with Intercompany Time and Expenses through CSV Import

As of 2018.2, the Intercompany Time and Expenses feature uses advanced intercompany journal entries instead of intercompany journal entries. As of 2018.2, any saved CSV imports that use the

intercompany journal entry record type may not function properly. You should review any saved CSV imports for intercompany time and expenses and update them as needed to use the correct transaction type.

For more information, see the help topics [Making Advanced Intercompany Journal Entries](#) and [Enabling Intercompany Time and Expenses](#).

Merchandise Hierarchy Sublist on Selected Item Types

As of 2018.2, the merchandise hierarchy sublist is available for import on the following item types:

- Inventory Item
- Lot Numbered Inventory Item
- Serialized Inventory Item

The merchandise hierarchy sublist is available if the Merchandise Hierarchy feature is enabled on the Items & Inventory subtab at Setup > Company > Setup Tasks > Enable Features.

Tax Registrations Sublist on Selected Entity Types

As of 2018.2, the tax registrations sublist is available for import on the following entity types:

- Customer
- Partner
- Vendor

The tax registrations sublist is available if the SuiteTax feature is enabled on the Tax subtab at Setup > Company > Setup Tasks > Enable Features.

For more information about working with this sublist, see the following help topics:

- [Customers Only Import](#)
- [Partners Import](#)
- [Vendors Import](#)

SuiteFlow (Workflow Manager)

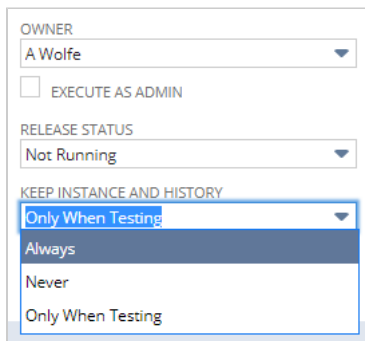
NetSuite 2018.2 includes the following enhancements to SuiteFlow features:

- New Options to Keep Instance and History
- Actions Added to Sublist Action Group
- SDF Support for Workflow Definitions
- New State Transition Tool
- Complete Set of Contexts Available
- Change to Workflows for Intercompany Time and Expenses
- SuiteFlow Support for Custom Segment Unified ID
- Effective Dating Date Format Change

New Options to Keep Instance and History

Previously, if you did not want to keep workflow history records, you could clear the Keep Instance and History box. As of 2018.2, there are additional disable history options available. The Keep Instance and History box has been replaced with a dropdown list featuring three options:

- **Only When Testing:** Keep workflow history records only when the Release Status is set to **Testing**.
- **Never:** Never keep workflow history records.
- **Always:** Always keep workflow history records.



The screenshot shows a configuration window with several fields. At the top, there is an 'OWNER' dropdown menu with 'A Wolfe' selected. Below it is a checkbox labeled 'EXECUTE AS ADMIN' which is unchecked. Further down is a 'RELEASE STATUS' dropdown menu with 'Not Running' selected. The 'KEEP INSTANCE AND HISTORY' section features a dropdown menu that is currently open, showing three options: 'Only When Testing' (which is highlighted with a blue background), 'Always', and 'Never'. Below the dropdown menu, the text 'Only When Testing' is also displayed.

By default, the **Only When Testing** option is selected when you create new workflows.

For more information, see the help topic [Disabling History for a Workflow](#).

Actions Added to Sublist Action Group

Support for two new standard actions has been added to the Sublist Action Group:

- **Send Email:** Send an email for each item line. You can use all of the line and body fields in the subject and body of the email. To access the currently processing line from within an email template, use the prefix **currentLine**.
- **Return User Error:** Return a user error for the record. You can use all of the line and body fields in the returned message. Because the action is executed on the server, the error is returned as a full-page message.

For more information, see the help topic [Using Sublist Action Groups](#).

SDF Support for Workflow Definitions

You can now use the SuiteCloud Development Framework (SDF) to serialize complete workflow definitions into XML and deserialize from XML. Conditions defined using the Condition Builder are serialized into a syntax similar to SQL and deserialized back to Condition Builder. You can also view Sublist Action Groups and all of the actions contained within the Sublist Action Groups in XML.

For more information, see [Workflows in SDF Now Support the Visual Builder in the Condition Builder](#) and [Workflows in SDF Now Support Sublist Action Groups](#).

New State Transition Tool

The 2018.2 release includes a state transition tool that you can use to change the current state of an active workflow on a record outside of the standard workflow execution. Use the state transition tool

when a workflow is out of sync with the record on which the workflow is running, or if a workflow gets stuck in a state on a workflow execution path. You should use the state transition tool as a solution to a workflow problem and not as a way to regularly execute workflows.

The state transition tool is an extension of the mass update tool and supports bulk transitions on multiple records. To use the state transition tool, you must have permission to edit the type of record on which the workflow executes. You also must be logged in as Administrator or with a role that has the Mass Updates and Workflow permissions.

The state transition tool is available on the Mass Update page. The state transition tool is also available when you create transitions and actions in workflows.

For more information, see the help topic [Mass Changes or Updates](#).

Complete Set of Contexts Available

SuiteFlow now supports the complete set of contexts that SuiteScript supports. These contexts are available in the Contexts field on the Workflow Definition page. You can also access the complete set of contexts when you create transitions and actions in workflows. You can use the complete set of contexts to create a workflow and set it to execute in all contexts, except for the one or two that you would like to exclude.

The behavior of contexts has not changed. If no context is selected, the workflow executes in all contexts.

Change to Workflows for Intercompany Time and Expenses

As of 2018.2, the Intercompany Time and Expenses feature uses advanced intercompany journal entries instead of intercompany journal entries. The internal ID for the advanced intercompany journal entry transaction type, `advintercompanyjournalentry`, is different from the internal ID for the intercompany journal entry transaction type, `intercompanyjournalentry`.

If you have workflow definitions configured on records related to the Intercompany Time and Expenses feature, you should review your workflows to make sure that they are working as expected. You may need to add the Advanced Intercompany Journal Entry value to the Sub Types field of workflows running on the intercompany journal entry transaction type.

SuiteFlow Support for Custom Segment Unified ID

SuiteFlow now supports the new unified ID available for custom segments.

For more information, see [Unified ID Available for Custom Segments](#).

SuiteScript

Refer to the following sections for details on all SuiteScript updates for NetSuite 2018.2:

- [SuiteScript 2.0 – Support for SuiteAnalytics Workbook Beta](#)
- [SuiteScript 2.0 – Asynchronous Search Enhancements](#)
- [SuiteScript 2.0 – Record Action and Macro APIs](#)

- SuiteScript 2.0 – Message Enhancements
- Application ID Support for RESTlets Using NLAAuth Authentication
- SuiteScript Support for Unified Script IDs on Custom Segments
- SuiteScript 2.0 – Enhancements to DATETIME Field Queries
- SuiteScript 2.0 – Enhancements for Scriptable Cart
- SuiteScript 2.0 – Client Script Performance Enhancement
- SuiteScript 2.0 – New Settings Parameter for Search API
- Change to Scripting with Payment Methods
- Change to Scripting with Item Fulfillment Return Addresses
- Change to Scripting for Intercompany Time and Expenses
- SuiteScript 2.0 for SSP Applications
- Effective Dating Date Format Change
- Script ID Available in the Custom Record Type Saved Search
- 2018.2 SuiteScript Record Exposures
- SuiteScript 1.0 – Update to nlObjContext.getPreference('dateformat')
- 2018.2 SuiteScript Records Browser

SuiteScript 2.0 – Support for SuiteAnalytics Workbook Beta

The 2018.2 SuiteAnalytics Workbook beta release previews a new analytical tool that is currently in development for NetSuite. There are two offerings with this preview: a new UI tool and a new SuiteScript 2.0 module.

With the SuiteAnalytics Workbook UI, you can create highly customizable queries and reports using a single tool that leverages a new metadata layer. This new metadata layer is designed to ensure that fields are consistently exposed, with consistent results in all queries and reports. Support for multilevel joins has also been added, enabling you to author reports using field data from multiple record types, including custom records. Additionally, custom formula fields are supported in SuiteAnalytics Workbook, so you can create and add fields with dynamically calculated values to your reports. For more information on the SuiteAnalytics Workbook UI, see [SuiteAnalytics Workbook Beta Feature](#).

The new SuiteScript 2.0 N/query module enables developers to script searches using the SuiteAnalytics Workbook search engine. This module supports the following features:

- Multilevel joins. See the help topic [query.Query](#).
- Complex filters using AND, OR, and NOT logic, as well as formulas. See the help topic [query.Condition](#).
- Multicolumn sorting. See the help topic [query.Sort](#).
- Load and delete operations for existing saved searches. See the help topics [query.load\(options\)](#) and [query.delete\(options\)](#).
- Pagination of search results. See the help topics [query.Page](#), [query.PagedData](#), and [query.PageRange](#).
- Promises. See the help topics [Query.run.promise\(\)](#) and [Query.runPaged.promise\(\)](#).

To use these features, you must enable the SuiteAnalytics Workbook feature in the NetSuite UI.



Important: The N/query module lets you create and run searches using the SuiteAnalytics Workbook search engine. In the 2018.2 beta release, you can use the N/query module to load and delete existing searches, but you cannot save searches. You can save searches using the SuiteAnalytics Workbook UI.

For the 2018.2 beta release, the N/query module supports the same record types supported by the SuiteAnalytics Workbook UI. For information, see [Supported Record Types for SuiteAnalytics Workbook Beta Period](#).

For more information, see the help topic [N/query Module](#).

SuiteScript 2.0 – Record Action and Macro APIs

As of 2018.2, SuiteScript 2.0 supports APIs that provide the programmatic equivalent of clicking a button in the NetSuite user interface. With these record action and macro APIs, you can use SuiteScript to trigger the same business logic that is triggered by the click of a UI button. The record action and macro APIs can increase productivity by automating regular tasks that previously had to be done manually in the UI.

In 2018.2, NetSuite records offer two alternatives to execute native NetSuite logic:

- You can click a button in the UI
- You can run a script that calls the API that corresponds to the button

These script and UI alternatives both produce the same results. Macro and action APIs provide ease and flexibility for your scripting. These APIs are supported for all SuiteScript 2.0 script types, both client-side and server-side. Macro and action APIs also can lower governance usage, because they can execute complex business logic in one API call instead of multiple API calls. For actions, governance is charged per individual action executed, and varies depending on the type of action. For macros, no governance is charged, because changes executed by macros are saved as part of record submits.

Record actions provide a convenient way to update the state of one or more records that are in view mode. Changes that the execution of an action API makes to records are persisted in the database immediately. It is not necessary to take into account required roles, permissions, or other conditions for a record action to execute. The conditions required to execute an action are embedded in the record action API. If the conditions are not met, the action does not execute. Approve and reject are two example use cases for record actions. These actions can be applied to a single record or to multiple records of the same type, as a bulk process. When an approve or reject action is executed on a record, the approval status of the record is saved immediately.

Record macros provide an automated way to execute business logic on a record that is being edited. Changes that the execution of a macro API makes to a record are not persisted until the record is saved. An example use case for a record macro is a preview of the calculated tax amount for a sales order's items. This macro API is executed after items are entered on a sales order. It results in the display of the calculated tax amount on the sales order. However, the tax amount is not saved until the record is saved. A macro API is applied only to a single record at a time. After changes to the record are saved, changes to other dependent records may occur as a result.

You need to use two different types of APIs to call record macros and actions in your scripts:

- Generic APIs to get and execute actions or macros:
 - Action APIs are part of the [N/action Module](#). They include generic members for getting and executing actions on a record type. For details, see the help topic [N/action Module](#).
 - Macro APIs are part of the [N/record Module](#). They include generic members for getting and executing macros on a record type. For details, see the help topics [Record Object Members](#) and [Macro Object Members](#).

- Individual APIs that implement specific logic on a specific record type:
 - A limited number of Individual actions for specific record types are supported. For details, see [2018.2 Record Actions](#).
 - A limited number of individual macros for specific record types. For details, see [2018.2 Record Macros](#).

2018.2 Record Actions

The following record action APIs are available for SuiteScript 2.0 in 2018.2. They are ordered by record type and include the label on the corresponding UI button. For details about a specific action, click its ID.

Record Type	Action ID	UI Button Label
Revenue Arrangement	allocate	Allocate
Time (TimeBill)	approve	Approve
Time (TimeBill)	reject	Reject
Time (TimeBill)	submit	Submit
Weekly Timesheet	approve	Approve All Pending
Weekly Timesheet	reject	Reject All Pending
Weekly Timesheet	submit	Submit
Supply Chain Snapshot	refresh	Refresh
Vendor Payment	confirm	Confirm
Vendor Payment	decline	Decline

2018.2 Record Macros

The following record macro APIs are available for SuiteScript 2.0 in 2018.2. They are ordered by record type and include the label on the corresponding UI button. For details about a specific macro, click its ID.

Record Type	Macro ID	UI Button Label
Billing Rate Card	modifyPriceByPercent	Recalculate
Project Charge Rule	copyResources	Copy Resources from Tasks
Weekly Timesheet	checkTimeLimits	Check Time Limits
Weekly Timesheet	copyFromWeek	Copy From Week

SuiteScript 2.0 – Message Enhancements

A new SuiteScript 2.0 [serverWidget.Form](#) object method, [Form.addPageInitMessage\(options\)](#), is available for use in 2018.2. This new method is called in user event scripts and Suitelets. The message specified in [Form.addPageInitMessage\(options\)](#) is shown in a banner message on the form when it is viewed in the browser.

You can use [Form.addPageInitMessage\(options\)](#) for the following use cases:

- To show banner messages on records in view mode.
- To create messages based on the user event script context, such as when a record is created, edited, or viewed.

The [Form.addPageInitMessage\(options\)](#) method takes either a Message object or the options object as arguments, as shown in the following code snippets:

```
// Options object as argument
form.addPageInitMessage({type: message.Type.INFORMATION, message: 'Hello world!', duration: 5000});

// Message object as argument
var messageObj = message.create({type: message.Type.INFORMATION, message: 'Hello world!', duration: 5000});
form.addPageInitMessage({message: messageObj});
```

You can obtain the Message object from the [N/ui/message module](#).

Additionally, you can now specify the duration parameter for both [message.create\(options\)](#) and [Message.show\(\)](#). If you specify a duration for both methods, the value from the [Message.show\(\)](#) call takes precedence.

SuiteScript 2.0 – Asynchronous Search Enhancements

2018.2 includes the following features related to asynchronous search:

- [Asynchronous Search API Now Generally Available](#)
- [Addition of Completion Handler for Search Tasks](#)


Asynchronous Search API Now Generally Available

As of 2018.2, the asynchronous search API is no longer considered to be a beta feature and is now generally available.

Addition of Completion Handler for Search Tasks

The 2018.2 release adds support for a completion handler for asynchronous search tasks. Before 2018.2, when you created and executed an asynchronous search task (represented by a [task.SearchTask](#) object in the [N/task Module](#)) in a script, the script was not notified when the search task was complete. You had to use a polling approach to check the status of the search task periodically.

Now, a new completion handler can execute other scripts when an asynchronous search task is complete. You can add multiple scheduled scripts or map/reduce scripts to a search task as dependent scripts. These dependent scripts are processed when the search task is complete. For more information, see the help topic [SuiteCloud Processors](#). A new method, [SearchTask.addInboundDependency\(\)](#), adds a dependent script to the search task. You can add multiple dependent scripts to a single search task.

 **Note:** You can add only scheduled scripts or map/reduce scripts as dependent scripts to asynchronous search tasks. Other script types are not supported.

For example, the following code sample shows how to create a scheduled script and add it to an asynchronous search task as a dependent script:

```

...
// Specify a file for the search results
asyncSearchResultFile = 'SuiteScripts/ExportFile.csv';

// Create a completion task
var scheduledScript = task.create({taskType: task.TaskType.SCHEDULED_SCRIPT});
scheduledScript.scriptId = 'customscript_as_ftr_ss';
scheduledScript.deploymentId = 'customdeploy_ss_dpl';
scheduledScript.params = {'custscript_ss_as_srch_res' : asyncSearchResultFile};

// Create the search task
var asyncTask = task.create({
    taskType: task.TaskType.SEARCH
});
asyncTask.savedSearchId = 'customsearch35';
asyncTask.filePath = asyncSearchResultFile;

// Add dependent scripts to the search task before it is submitted
asyncTask.addInboundDependency(scheduledScript);

// Submit the search task
var asyncTaskId = asyncTask.submit();
...

```

To access the search results from within one of the dependent scripts, you can use methods in the [N/ runtime Module](#). You can use `runtime.getCurrentScript()` and `Script.getParameter(options)` to retrieve the ID of the file that contains the search results. For example:

```

...
var resFileId = runtime.getCurrentScript().getParameter({name: 'custscript_ss_as_srch_res'});
...

```

For more information, see the help topic [SearchTask.addInboundDependency\(\)](#).

Application ID Support for RESTlets Using NLAAuth Authentication

As of 2018.2, you can use an application ID for RESTlets that are called using NLAAuth (user ID and password). By adding an application ID, you associate RESTlet requests with a specific integration.

By associating your RESTlets with an integration record, you can take advantage of the benefits of integration records. The benefits include support for viewing details about your integration applications, blocking an application, and viewing the execution log specific to each application.



Important: Using application IDs is highly recommended for RESTlets. Using application IDs is already required for SuiteTalk (web services).

See the following help topics for more information:

- For information about using an NLAAuth authorization header, see the help topic [Using User Credentials for RESTlet Authentication](#).
- For more information about the advantages of using integration records, see the help topic [Integration Record Overview](#).

- For information about working with application IDs and integration records, see the help topic [Creating an Integration Record](#).

SuiteScript Support for Unified Script IDs on Custom Segments

As of 2018.2, a unified script ID is available for custom segment definitions. By using unified script IDs, you can use a single ID in your SuiteScripts to refer to all of the record types for one custom segment. With the unified script ID, you are not required to know the applied record type when referring to a custom segment field on a specific record. For more information, see [Unified ID Available for Custom Segments](#) in the SuiteBuilder - Customization release notes.

The unified script ID can be enabled or disabled for each custom segment. If the unified script ID is used for a custom segment, you also must use that script ID in your scripts. If the legacy script ID is used for a custom segment, you also must use the legacy script ID in your scripts. For information about finding the script ID to use, see the help topic [Using SuiteScript to Set Values for Custom Segment Fields](#).



Important: If you change this setting on an existing custom segment, you must also change your related scripts accordingly to avoid issues with your scripts.

SuiteScript 2.0 – Enhancements to DATETIME Field Queries

Prior to 2018.2, [Record.getValue\(options\)](#) returned a string for DATETIME fields, as shown in the following example:

```
myString = 'Date is: ' + record.getValue({fieldId: 'datechanged'});
// "Date is: 1/20/2018 12:34 am"
```

Additionally, the [format.parse\(options\)](#) method for DATETIME fields silently failed when the input string did not include seconds.

The following updates have been made for 2018.2 DATETIME field queries:

- The [Record.getValue\(options\)](#) method returns a JavaScript Date object.
- The [format.parse\(options\)](#) method for DATETIME no longer fails when the input string does not include seconds.

Review scripts created prior to 2018.2 to find those that use [Record.getValue\(options\)](#) to return a string value for DATETIME fields. If you want these scripts to continue to return string values in 2018.2, you must update them to use [Record.getText\(options\)](#).

In any scripts that you create after your account is upgraded to 2018.2, use [Record.getText\(options\)](#) to return a string value for a DATETIME field. The following example shows this usage:

```
myString = 'Date is: ' + record.getText({fieldId: 'datechanged'});
// "Date is: 3/27/2017 9:55am"
```

The list of fields affected by this change is available in SuiteAnswers article ID [74544](#).

You may be unable to modify scripts provided by a partner. If you encounter this issue, contact the partner and request that they make the appropriate changes.

SuiteScript 2.0 – Enhancements for Scriptable Cart

As of 2018.2, you can simultaneously execute SuiteScript 2.0 user event and SuiteScript 2.0 client scripts on the same record instance with the Site Builder Scriptable Cart feature. Site Builder is the legacy Commerce solution delivered by NetSuite. For more information, see the help topics [Site Builder Overview](#) and [Scriptable Cart](#).

Prior to 2018.2, it was not possible to simultaneously execute SuiteScript 2.0 user event and SuiteScript 2.0 client scripts on the same record instance with Scriptable Cart. Previously, you could simultaneously execute SuiteScript 1.0 user event and client scripts on the same record instance. You could also use a combination of SuiteScript 1.0 and 2.0 scripts on the same record instance with Scriptable Cart. For example, a SuiteScript 1.0 client script and 2.0 user event script, or a SuiteScript 1.0 user event script and 2.0 client script.

SuiteScript 2.0 – Client Script Performance Enhancement

In 2018.2, client script dependencies are asynchronously loaded faster than in previous releases. This performance improvement is especially apparent with dependencies that are not deeply nested. There is a performance improvement for dependencies with a deeply nested file structure, but it is not as obvious.

SuiteScript 2.0 – New Settings Parameter for Search API

As of NetSuite 2018.2, you can programmatically set search parameters that previously you could set only in the UI. The [search.create\(options\)](#) method in the N/search module has been updated to support the new options.settings parameter. A new property, [Search.settings](#), has been added to the [search.Search](#) object members. This property supports the [search.Setting](#) object, a JavaScript object defined by a name-value pair. A new method, [search.createSetting\(options\)](#), creates this object.


A script can define values for supported parameters by creating one or more [search.Setting](#) objects. This release supports the following parameters for scripted searches on relevant transactions:

Consolidated Exchange Rate Parameter

This parameter is applicable only to OneWorld accounts. It determines the type of consolidation used for transaction search results. The name of this parameter is `consolidationtype`. The default value for this parameter is `accttype`, meaning the type of consolidation associated with the account. Other valid values are `average`, `current`, `historical`, and `none`.

Show Period End Transactions Parameter

This parameter is applicable only to OneWorld accounts, and it requires the Period End Journal Entries feature to be enabled. It indicates whether a transaction search conforms to normal financial reporting behavior or modifies this behavior to include period end transactions. The name of this parameter is `includeperiodendtransactions`. The default value for this parameter is `false`. Other valid values are `true`, `t`, and `f`.

 **Note:** All values are case-insensitive.

Change to Scripting with Payment Methods

NetSuite 2018.2 changes to the payment method form impact the field IDs used for scripting with payment methods. These changes include:

- The removal of the Payment Method field. This field is replaced by the Name field.
- The replacement of the group of check boxes with a Type list.

The original fields are no longer shown in the UI, and you should consider their field IDs to be deprecated. These changes do not require any immediate action from you. Your existing scripts are not immediately impacted by these changes, as these field IDs will continue to be supported in SuiteScript for some time. However, after the upgrade of your account, you should begin transitioning away from using the following deprecated payment method field IDs in your scripts. These fields may no longer be supported in the future:

- `reditcard`
- `isdebitcard`
- `istokenized`
- `islineleveldatarequired`
- `isemv`

You should edit your scripts to use `methodtype` instead, which is the field ID for the new Type field. The following code snippets illustrate example changes to API calls for payment method fields:

Call to Deprecated Payment Method Fields	Call to Replacement Payment Method Fields
<code>nlapiGetFieldValue('creditcard') == 'T'</code>	<code>nlapiGetFieldValue('methodtype') == 1</code>
<code>nlapiGetFieldValue('externalcheckout') == 'T'</code>	<code>nlapiGetFieldValue('methodtype') == 6</code>
<code>nlapiGetFieldValue('isemv') == 'T'</code>	<code>nlapiGetFieldValue('methodtype') == 5</code>
<code>nlapiGetFieldValue('istokenized') == 'T'</code>	<code>nlapiGetFieldValue('methodtype') == 3</code>

You will be notified of any change in SuiteScript support of the deprecated payment method fields.

Change to Scripting with Item Fulfillment Return Addresses

As of 2018.2, return address fields for the item fulfillment record are replaced by a new return address subrecord. The prior return address fields currently are still supported for scripting, but they are considered to be deprecated. It is recommended that you update any scripts that use these fields to instead use return address subrecord fields.

For more details about how to update scripts, see the help topic [Scripting with Item Fulfillment Return Addresses](#).

Change to Scripting for Intercompany Time and Expenses

As of 2018.2, the Intercompany Time and Expenses feature uses advanced intercompany journal entries instead of intercompany journal entries. The internal ID for the advanced intercompany journal entry transaction type, `advintercompanyjournalentry`, is different from the internal ID for the intercompany journal entry transaction type, `intercompanyjournalentry`. As of 2018.2, any scripts that do not use an internal ID of `advintercompanyjournalentry` may not function properly. You should review any scripts for intercompany time and expenses and update them as needed to use the correct internal ID.

For more information, see the help topics [Making Advanced Intercompany Journal Entries](#) and [Enabling Intercompany Time and Expenses](#).

Script ID Available in the Custom Record Type Saved Search

The script ID can now be used in the search criteria for custom record type search scripts. Each instance of a custom record type has its own script ID. You can use the script ID in your scripts to search for instances of custom records.

The following code sample demonstrates how to use a script ID as a filter for a custom record saved search using SuiteScript 2.0. For more information, see the help topic [N/search Module](#).

```
/**
 *@NApiVersion 2.x
 *@NScriptType Suitelet
 */
require(['N/search'],
function(search) {
    function createSearch() {
        var mySearch = search.create({
            type: search.Type.CUSTOM_RECORD,
            title: 'Custom Record Script Saved Search',
            filters: [{
                name: 'scriptid',
                operator: 'is',
                values: ['val_6811_4557318_831']
            }]
        });
        mySearch.save();
    }
    createSearch();
});
```

The following code sample demonstrates how to use a record script ID as a filter for a custom record saved search using SuiteScript 1.0. For more information, see the help topic [Searching Overview](#).

```
nlapiSearchRecord("customrecord_test", null, new nlobjSearchFilter("scriptid", null, "IS", "val_6811_4557318_831"));
```

2018.2 SuiteScript Record Exposures

Record Type	Newly Exposed/Updated	Notes
Merchandise Hierarchy feature: <ul style="list-style-type: none"> Merchandise Hierarchy Level Merchandise Hierarchy Node Merchandise Hierarchy Version 	Newly Exposed	Server SuiteScript only. Client scripting is not supported. Available when the following features are enabled: <ul style="list-style-type: none"> Merchandise Hierarchy Custom Segments
Period End Journal	Newly Exposed	Available in NetSuite OneWorld accounts when the Period End Journal Entries feature is enabled. For information about this feature, see Period End Journal Entries Feature .

Weekly Timesheet	Updated	All SuiteScript client script APIs are supported in 2018.2 if the new weekly timesheet interface is enabled. For details, see the help topic Weekly Timesheets Interface .
Payment Instruments: <ul style="list-style-type: none"> General Token Payment Card Payment Card Token 	Newly Exposed	Available when the Payment Instruments feature is enabled. For details, see the help topic Payment Instruments .

SuiteScript 1.0 – Update to nlObjContext.getPreference('dateformat')

Beginning in 2018.2, SuiteScript 1.0 nlObjContext.getPreference('dateformat') returns the date in the format set in either the general account preferences for a company or in a user's preferences. If a different date format is set for a subsidiary, the subsidiary's preference setting overwrites the company date format preference setting. See the following for more information:

- [getPreference\(name\)](#)
- [Setting General Account Preferences](#)
- [General Personal Preferences](#)

2018.2 SuiteScript Records Browser

The 2018.2 version of the [SuiteScript Records Browser](#) is now available. You can find links to the Records Browser in several places, including the following:

- The help topic titled [Using the SuiteScript Records Browser](#).
- The reference page for each supported record. In the NetSuite Help Center, you can find an index of these pages in the [SuiteScript Supported Records](#) help topic. Each reference page is also included in SuiteScript Developer and Reference Guide, which can be downloaded from the [User Guides](#) topic.

SuiteTalk (Web Services) Integration

NetSuite 2018.2 includes the following enhancements to SuiteTalk features:

- Unified Governance for Internal Applications
- Newly Supported Record Types for SuiteTalk
- SuiteTalk Support for Unified Script IDs for Custom Segments
- Change to Working with Intercompany Time and Expenses through Web Services
- Change to Working with Disabled Field Values on Custom Records
- Field Exposures Related to In-Transit Payments on the Vendor Payment Record
- Sublist Exposure on the Inbound Shipment Record
- Tax Registrations Sublist on Entity Records
- Release Preview Version of 2018.2 WSDL Now Available
- Araxis Merge Diff File for the 2018.2 Endpoint
- 2018.2 SuiteTalk Schema Browser
- NetSuite No Longer Enabling New Solutions for Inbound SSO with Web Services

Unified Governance for Internal Applications

As of 2018.2, certain internal applications are excluded from the scope of web services and RESTlet concurrency governance. Requests from the specified internal applications do not count towards your concurrency limit.

For a list of internal applications excluded from the scope of unified governance, see the help topic [Concurrency Governance for Internal Applications](#).

For general information about unified governance, see the help topic [Web Services and RESTlet Concurrency Governance](#).

Newly Supported Record Types for SuiteTalk

Newly Supported Record Type	Category	Notes
Payment Instruments: <ul style="list-style-type: none"> General Token Payment Card Payment Token 	Transactions	Available if the Payment Instrument feature is enabled on the Transactions subtab at Setup > Company > Setup Tasks > Enable Features. In the user interface, Payment Instrument is a sublist on the Financial subtab of the Customer record. For more information about working with payment instruments, see the help topic Payment Instruments .

SuiteTalk Support for Unified Script IDs for Custom Segments

As of 2018.2, a unified script ID is available for custom segment definitions. By using unified script IDs, you can use a single ID in your SOAP requests to refer to all of the record types for one custom segment. With the unified script ID, you are not required to know the applied record type when referring to a custom segment field on a specific record. For more information, see [Unified ID Available for Custom Segments](#) in the SuiteBuilder - Customization release notes.

In web services, you can use unified script IDs when working with custom record custom fields and custom record types.



Important: The unified script ID can be enabled or disabled for each custom segment. If the unified script ID is used for a custom segment, you also must use that script ID in your web services requests. If the legacy script ID is used for a custom segment, you also must use the legacy script ID in your web services requests. For information about finding the script ID to use, see the help topic [Identifying the Correct Script ID for a Custom Segment](#).

Additionally, the `get` and the `getCustomizationId` operations also return information about custom fields created from custom segments. For more information, see the help topics [get](#) and [getCustomizationId](#).

Change to Working with Intercompany Time and Expenses through Web Services

As of 2018.2, the Intercompany Time and Expenses feature uses advanced intercompany journal entries instead of intercompany journal entries. The internal ID for the advanced intercompany journal

entry transaction type, `advintercompanyjournalentry`, is different from the internal ID for the intercompany journal entry transaction type, `intercompanyjournalentry`. As of 2018.2, any web services request that do not use an internal ID of `advintercompanyjournalentry` may not function properly. You should review any web services requests for intercompany time and expenses and update them as needed to use the correct internal ID.

For more information, see the help topics [Making Advanced Intercompany Journal Entries](#) and [Enabling Intercompany Time and Expenses](#).

Change to Working with Disabled Field Values on Custom Records

As of 2018.2, disabled field values on custom records can no longer be modified through web services. The change applies even if the `ignoreReadOnlyFields` preference is set to true. For more information about this preference, see the help topic [ignoreReadOnlyFields](#).

The new behavior is more consistent with the UI behavior.

Field Exposures Related to In-Transit Payments on the Vendor Payment Record

As of 2018.2, the following fields are available for use through web services on the vendor payment record:

- Available Balance
- In-Transit
- Approval Status
- Next Approver

To use these fields on the vendor payment record, enable the following features and set the following preferences:

- Enable the In-Transit Payments feature at Setup > Company > Setup Tasks > Enable Features, on the Accounting subtab.
- Check Vendor Bills and Vendor Payments at Setup > Accounting > Preferences > Accounting Preferences, on the Approval Routing Subtab.
- Select a Vendor In-Transit Payment Account at Setup > Accounting > Preferences > Accounting Preferences, on the General subtab, under Accounts Payable. Also check the Use In-Transit Vendor Payments by Default box.

For more information about working with vendor payments through web services, see the help topic [Vendor Payment](#).

For information about working with in-transit payments in the UI, see the help topic [Using in-Transit Payments](#).

Sublist Exposure on the Inbound Shipment Record

As of 2018.2, the landed cost sublist is available for use through web services on the inbound shipment record. The landed cost sublist cannot be added using the add operation. You must first create and

retrieve the inbound shipment record on which you want to add a landed cost sublist. Then, use the update operation to update values on the sublist.

For more information about working with inbound shipments through web services, see the help topic [Inbound Shipment](#).

Tax Registrations Sublist on Entity Records

As of 2018.2, the tax registrations sublist is available for use through web services on the following entity types:

- Customer
- Partner
- Vendor

The tax registrations sublist is available if the SuiteTax feature is enabled on the Tax subtab at Setup > Company > Setup Tasks > Enable Features.

For more information about working with this sublist, see the following help topics:

- [Working with Customer Sublists](#)
- [Partner](#)
- [Vendor](#)

Release Preview Version of 2018.2 WSDL Now Available

When your implementation is upgraded to 2018.2, the 2018.2 WSDL becomes available in your production account. However, this version is considered a beta version. During the time that the WSDL is a beta version, additional changes are still gradually made to the endpoint. Some of these changes may be backward incompatible. You should use the beta version for testing and development purposes only.

Before the WSDL becomes generally available, use one of the earlier generally available versions in your production account. You do not need to upgrade your WSDL as soon as a new version is generally available. NetSuite supports each endpoint for three years. For information about the supported generally available versions, see the help topic [Support for Existing WSDL Versions](#).

After the WSDL becomes generally available, you can upgrade your other client applications. The general availability of the WSDL is announced in the Integration Newsletter.

You are able to access the new WSDL during your Release Preview period. Click [here](#) to view the 2018.2 Release Preview (beta) WSDL.



Important: When trying to access the beta version of the WSDL, you might receive the following error. If you receive the following error, either use your account-specific domain for your request for the data center URL, or use the c parameter in your request to specify your account ID. Using either your account-specific domain, or using the c parameter in your request, ensures that you receive the correct response. The routing depends on the version of your NetSuite account, and not the version of the WSDL you use.

Service Unavailable

No service is available at this URL. If you expect this service to be available for your account, ensure your account number appears in the URL as request parameter "c".
Example: https://webservices.netsuite.com/services/NetSuitePort_X_X?c=12345

Note: Previously, you accessed the Release Preview WSDL in the beta domain. As of 2018.1, you must access it on the NetSuite domain. This change is the result of the transition of Release Preview accounts from the beta domain to the NetSuite domain this release. The NetSuite domain is the domain used by production accounts.

Araxis Merge Diff File for the 2018.2 Endpoint

The [Araxis Merge Diff file](#) highlights 2018.1 - 2018.2 schema changes.

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

About the Araxis Diff File

NetSuite publishes an Araxis Diff File for every new endpoint. Depending on the scope of the release, changes described in the Araxis 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 Diff File

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

The SuiteTalk diff file is generated using Araxis Merge. When you click the 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 rows highlighted in purple 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 at 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 diff file shows a page with two columns. The old version of the file is shown at the left, and the new version at the right. Changed elements are highlighted.

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

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

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

1054	<element name="voiceDelivered" type="xsd:boolean" minOccurs="0"/>	1054	<element name="voiceDelivered" type="xsd:boolean" minOccurs="0"/>
1055	<element name="chargeType" type="platformCommonType:ChargeRuleType" minOccurs="0"/>	1055	<element name="chargeType" type="platformCore:RecordRef" minOccurs="0"/>
1056	<element name="chargeList" type="platformCore:RecordRefList" minOccurs="0"/>	1056	<element name="chargeList" type="platformCore:RecordRefList" minOccurs="0"/>
1057	<element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>	1057	<element name="customFieldList" type="platformCore:CustomFieldList" minOccurs="0"/>

2018.2 SuiteTalk Schema Browser

The 2018.2 version of the [SuiteTalk Schema Browser](#) is now available. You can find links to the Schema Browser in several places, including the following:

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

SuiteCloud IDE

SuiteCloud IDE is an integrated development environment (IDE) that is packaged for NetSuite platform development.

SuiteCloud IDE 2018.2 includes the following features and behavior changes:

- [SuiteCloud IDE 2018.2 for Eclipse Now Available for Download](#)
- [SuiteCloud IDE for Eclipse Kepler No Longer Supported](#)
- [SuiteCloud IDE 2018.2 for WebStorm Now Available for Download](#)
- [NetSuite-Issued TBA Tokens Supported for Login to NetSuite from SuiteCloud IDE](#)
- [Support for SuiteScript Code Completion in WebStorm](#)
- [Compare Files or Objects in Your SDF Project to the Account Version](#)
- [Ability to Upload a Single File, Multiple Files, or File Cabinet Folders to Your Account](#)

- [Ability to Import Files and Scripts into an Account Customization Project using WebStorm](#)

Generally, SuiteCloud IDE 2018.2 behavior changes are designed to support the SuiteCloud Development Framework. In addition, SuiteCloud IDE versions 2017.1 and later have compatibility requirements. The version of your SuiteCloud IDE must match the version of your NetSuite account before you can use SuiteCloud IDE to create SuiteCloud Development Framework (SDF) projects. For information about additional features that impact SuiteCloud IDE, see the release note for [SuiteCloud Development Framework](#).

SuiteCloud IDE 2018.2 for Eclipse Now Available for Download

SuiteCloud IDE 2018.2 for Eclipse is now available for download. For more information, see the help topic [Updating Eclipse for Use with SuiteCloud IDE](#).



Important: When your account is upgraded to 2018.2, your instance of SuiteCloud IDE for Eclipse is not updated automatically to the 2018.2 version. After your account upgrade, you must manually update SuiteCloud IDE for Eclipse.

SuiteCloud IDE for Eclipse Kepler No Longer Supported

SuiteCloud IDE for Eclipse 2018.2 does not support the Kepler version of Eclipse. To use the latest version of SuiteCloud IDE with NetSuite 2018.2, you should upgrade your Eclipse Kepler clients to Eclipse Mars.

For information about updating SuiteCloud IDE, see the help topic [Downloading Eclipse for Use with SuiteCloud IDE](#).

SuiteCloud IDE 2018.2 for WebStorm Now Available for Download

In 2018.1, SDF supported only the Eclipse Mars IDE for developing SuiteScripts and account customizations. In 2018.2, you can build and deploy SDF projects using WebStorm (version 2018.2.3 or later).

SuiteCloud IDE 2018.2 for WebStorm is now available for download as a WebStorm plugin installation. For information about installing SuiteCloud IDE for WebStorm, see the help topic [Installing SuiteCloud IDE for WebStorm](#).

SuiteCloud IDE for WebStorm includes the following new features:

- Better code completion support for JavaScript and SuiteScript 2.0. See [Support for SuiteScript Code Completion in WebStorm](#).
- File(s) and folder(s) can be uploaded from an SDF project to your account. See [Ability to Upload a Single File, Multiple Files, or File Cabinet Folders to Your Account](#).
- Compare files to locate differences against the account version. See [Compare Files or Objects in Your SDF Project to the Account Version](#).
- Import files and scripts into an Account Customization Project. See [Ability to Import Files and Scripts into an Account Customization Project using WebStorm](#).

Note: The features above are not currently available in SuiteCloud IDE for Eclipse

You can also do the following tasks using SuiteCloud IDE for WebStorm:

- Set a master password.
- Create account customization projects or SuiteApp projects.
- Import custom objects from your account.
- Access NetSuite menus at the file folder and project level to perform SDF project operations. For example, add dependencies to the manifest, validate against account, deploy to account, and apply installation preferences.
- View deployment process logs in the SuiteCloud IDE Tool Window. For more information about viewing information and navigating SuiteCloud IDE for WebStorm, see the help topic [UI Interface of SuiteCloud IDE for WebStorm](#).
- Use tokens issued from the NetSuite application for token based authentication. This enables the use of 2FA enabled roles when using SuiteCloud IDE.

Note: SuiteCloud IDE for WebStorm does not support SuiteScript projects and SSP Application projects. You can only create account customization projects and SuiteApp projects using SuiteCloud IDE for WebStorm.

For more information, see the following topics:

- [SuiteCloud IDE for WebStorm Overview](#)
- [Installing and Setting Up SuiteCloud IDE for WebStorm](#)
- [SuiteCloud IDE for WebStorm Usage](#)

NetSuite-Issued TBA Tokens Supported for Login to NetSuite from SuiteCloud IDE

As of 2018.1, token-based authentication (TBA) can be used with custom roles to log in to NetSuite Production accounts from SuiteCloud IDE. You can issue and revoke TBA tokens for your NetSuite Production accounts using SuiteCloud IDE or SDF CLI.

TBA tokens provide you with the following advantages:

- Increased development environment security
- A simplified login procedure that eliminates the need for login credentials
- Fewer session terminations when using a single login to develop SDF projects and navigate in the NetSuite application

As of 2018.1, several roles in newly provisioned accounts require 2FA, including administrator roles and users with Full Access roles. For more information, see the help topic [Permissions Requiring Two-Factor Authentication \(2FA\)](#). It is not possible to log in to NetSuite from SuiteCloud IDE 2018.1 using these roles.

As of 2018.2, you can log in to NetSuite from SuiteCloud IDE with any role using saved tokens. For a role that does not require 2FA role, you issue TBA tokens directly from SuiteCloud IDE. To log in to NetSuite from SuiteCloud IDE with a 2FA role, you can now issue the TBA token from NetSuite using the SuiteCloud Development Integration Record, then save the token key and token secret in SuiteCloud IDE.

The SuiteCloud Development Integration bundle ID is **245955**. Install the SuiteCloud Development Integration bundle to the account with a 2FA-enabled role.

Installed Bundles								
New Refresh								
ACTION	NAME	BUNDLE ID	VERSION	MANAGED	ABSTRACT	ADMIN DOCUMENTATION	STATUS	OWNER
	SuiteCloud Development Integration	245955	1.00.0	Yes			✓	NetSuite Platform Solutions Group - SuiteCloud Development Integration (5232642)

After installing the bundle, you can access token management via the Settings portlet.

Settings

- Personalize Dashboard
- Set Preferences
- Publish Dashboard [List](#)
- Campaign Subscription Center
- Change Email
- Change Password
- Reset 2FA Settings
- Generate 2FA Backup Codes
- Update Security Questions
- Manage Access Tokens**

Issue a token to your 2FA-role via the NetSuite application.

ORACLE[®] NETSUITE


[Activities](#)
[Transactions](#)
[Lists](#)
[Reports](#)
[Documents](#)

My Access Tokens

VIEW My Access Tokens
[Customize View](#)
[New My Access Token](#)

FILTERS

EDIT VIEW	TOKEN NAME	CREATED BY
No records to show.		


Confirmation
 Access Token successfully Saved

Access Token

Edit
Back
Actions ▾

Primary Information

APPLICATION NAME
SuiteCloud IDE & CLI

USER
K Wolfe

ROLE
Administrator

TOKEN NAME
SuiteCloud IDE - K Wolfe, Administrator


☐ INACTIVE

Token Id / secret

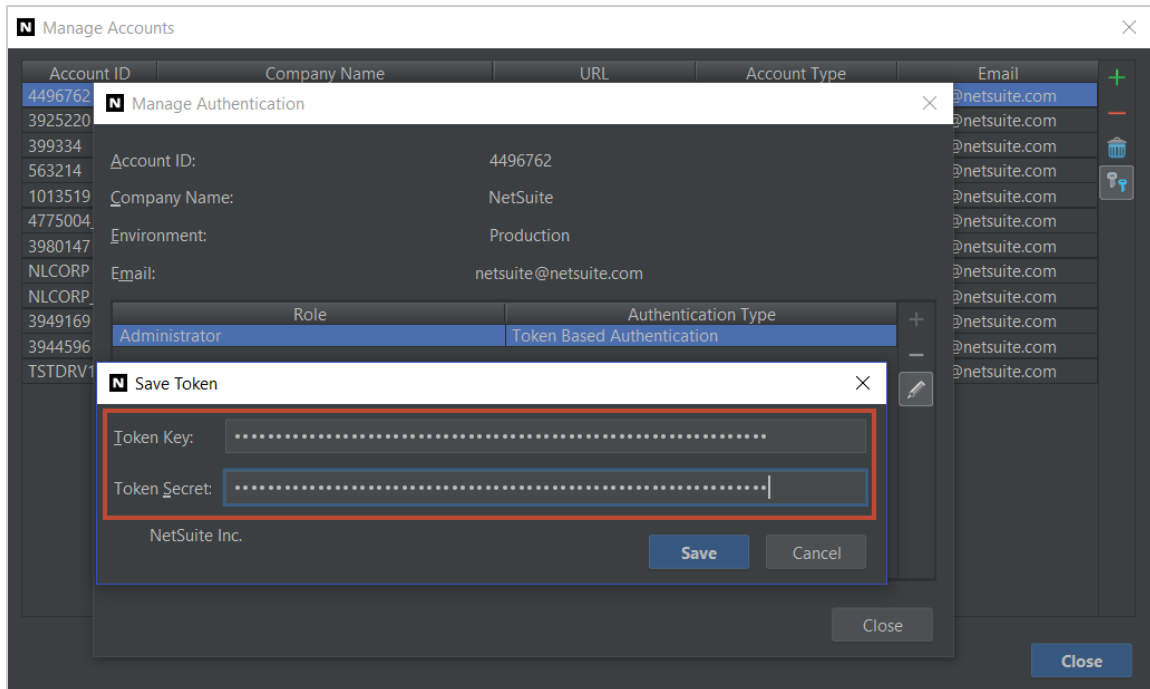
Warning: For security reasons, this is the only time that the Token ID and Token Secret values will need to reset them to obtain new values.
 Treat the values for Token ID and Token Secret as you would a password. Never share these credentials.

TOKEN ID
b476a8978e2357f9db61306a92d6f9a9b575da0ecf74e7a2c4e26d295c2e0364

TOKEN SECRET
262992bbb5f5055554af9ba3329545efee8640608b601e80ea838d73dc61a9d6

 **Important:** You will need to know the token key and token secret when you set up this role with your SDF project.

To log in to NetSuite from SuiteCloud IDE with a 2FA role, you can use SuiteCloud IDE to access the Manage Authentication settings and update the account with the token key and token secret. For more information, see the help topic [Set Up a 2FA Role for SDF Development](#).



After successfully saving the token, SDF stores the information and you can use the role for SDF features that depend on account login such as validation and deployment.

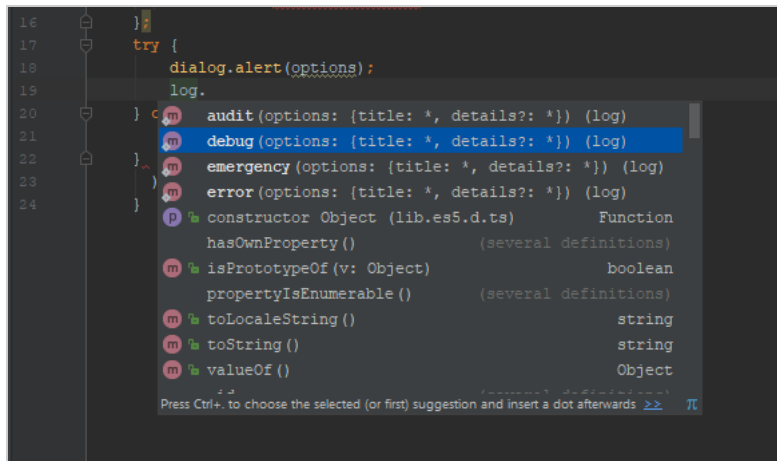
For more information, see the following topics:

- [Token-based Authentication \(TBA\)](#)
- If you are using WebStorm, see the help topic [Managing Token-based Authentication in an Account using SuiteCloud IDE for WebStorm](#)
- If you are using Eclipse, see the help topic [Managing Token-based Authentication in an Account using SuiteCloud IDE for Eclipse](#)

Support for SuiteScript Code Completion in WebStorm

Prior to this release, SuiteScript 1.0 code completion was available only for SuiteCloud IDE for Eclipse. Support for SuiteScript 2.0 was limited. As of this release, SuiteCloud IDE for WebStorm offers better code completion support for JavaScript and SuiteScript 2.0.

During SDF project creation, both 1.0 and 2.0 versions of the SuiteScript APIs are added as external libraries. SuiteCloud IDE for WebStorm reads these libraries to verify the SuiteScript syntax and auto-completes function, object, and reference names.



For more information, see the help topic [Using SuiteScript Code Completion](#).

Compare Files or Objects in Your SDF Project to the Account Version

In SuiteCloud IDE for WebStorm, you can launch a Compare Editor that displays the differences between SDF project version and account version of a file or custom object. Prior to 2018.2, you could only do object comparisons in SuiteCloud IDE for Eclipse.

Comparisons cannot be made when script ID and either file type or object type are not the same. Files cannot be compared to objects.

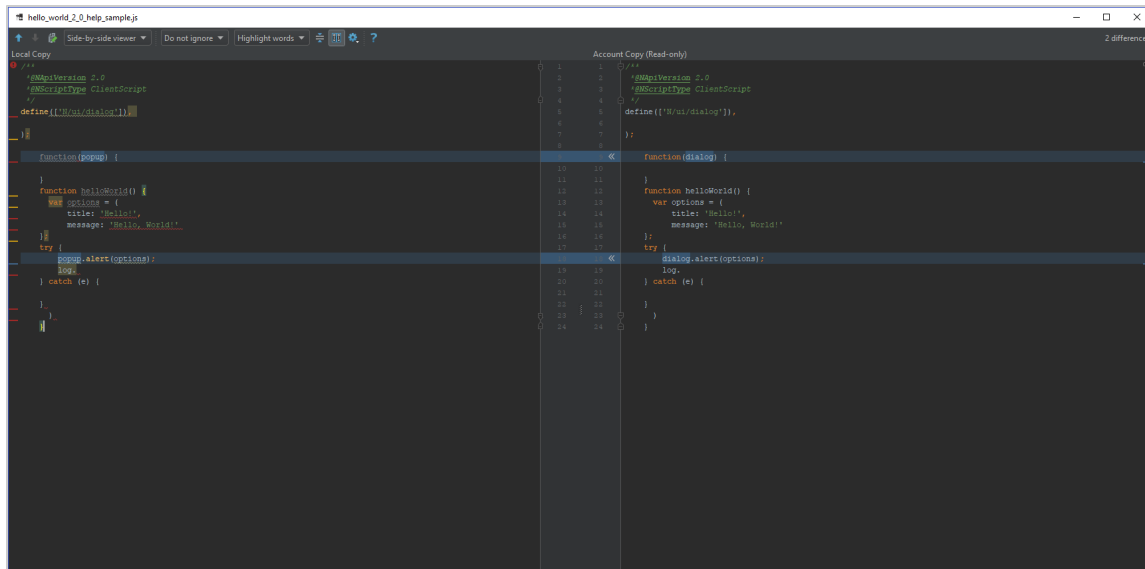
The following context menu items are now available in SuiteCloud IDE for WebStorm:

- On the File Cabinet context menu, you can select **NetSuite > Compare File with Account Version**.

Note: The file must be located within one of the following folder paths: FileCabinet/SuiteScripts or FileCabinet/SuiteApps/<application ID> folder.

- On the Objects folder context menu, you can select **NetSuite > Compare Custom Object with Account Version**.

The Compare Editor displays the SDF copy in the left pane, and the account copy is displayed in the right pane. Use the toolbar to change the view or navigate through the differences.



For more information, see the following topics:

- [Comparing a Custom SuiteCloud Object with a Custom NetSuite Object](#)
- [Comparing an SDF Project File with a File in Your Account](#)

Ability to Upload a Single File, Multiple Files, or File Cabinet Folders to Your Account

In previous releases, you could not upload files or folders from an SDF project to your account individually. You could only upload your entire project via a deployment rather than a specific portion of your project. During a project deployment, in addition to all the files and all the folders, all the objects in the project are included.

Now, in 2018.2, you can upload individual file(s) or folder(s) to the file cabinet in your NetSuite account from your SDF project.

SuiteCloud IDE for WebStorm includes access to this feature through the context menu when you are working with files.

The file or folder must be within a File Cabinet folder that supported by SDF. Four areas of the file cabinet are currently supported:

- SuiteScripts
- SuiteApps
- Templates
- Web Site Hosting Files

Project Settings	Ctrl+Alt+P
Deploy	Ctrl+Alt+D
Deploy to Account...	Ctrl+Alt+Shift+D
Validate	Ctrl+Alt+V
Validate Project against Account...	Ctrl+Alt+Shift+V
Add Dependency References to Manifest	Ctrl+Alt+Shift+A
Compare File with Account Version...	
Upload File to Account	
Revoke Master Password	Ctrl+Alt+R

If a file or folder with the same file cabinet location and name already exists in the account, it is overwritten by the SDF file upload.

For more information, see the help topic [Uploading Files or Folders to Your Account](#).

Note: The ability to upload files or folders is available using SuiteCloud IDE for WebStorm. You cannot perform this action using SuiteCloud IDE for Eclipse.

Ability to Import Files and Scripts into an Account Customization Project using WebStorm

In previous releases you could only import files and scripts from your account to an Account Customization Project in Eclipse.

As of 18.2, you can import files and scripts from your account to WebStorm as well. For more information, see the help topic [Importing Files and Scripts into an Account Customization Project](#).

SuiteCloud Development Framework

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

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

With the release of SuiteCloud Development Framework, the SuiteCloud Terms of Service were updated in September 2016 to specifically include SuiteCloud Development Framework as one of the listed SuiteCloud Technologies and to make other clarifying changes. You can review the complete updated terms at <http://www.netsuite.com/termservice>.



[View the SuiteCloud Development Framework 2018.2 New Feature Training.](#)

NetSuite 2018.2 includes the following enhancements to SuiteCloud Development Framework features:

- SDF SDK 2018.2 Now Available for Download
- New SDF CLI Command to Create SDF Projects
- Custom Segments Supported in SDF
- SuiteScript Server Page Applications (SSP Apps) Supported in SDF
- Map/Reduce Script Deployments Now Require Title Elements
- SDF Project Size Limit Increase

- Workflows in SDF Now Support Sublist Action Groups
- Workflows in SDF Now Support the Visual Builder in the Condition Builder
- Published Dashboards in SDF Now Support the Reminders Portlet
- Saved CSV Import Maps in SDF Now Support Custom Transactions
- Ability to Deploy Account Customization Projects that Contain Account-Specific Values
- New SDF CLI Command to Save a TBA Token
- New SDF CLI Option to Skip a Warning

Generally, SDF features are supported by SuiteCloud IDE. SuiteCloud IDE versions 2017.1 and later have compatibility requirements. The version of your SuiteCloud IDE must match the version of your NetSuite account before you can use SuiteCloud IDE to create SuiteCloud Development Framework (SDF) projects. For information about additional features that may impact SDF, see the release notes for [SuiteCloud IDE](#).

SDF SDK 2018.2 Now Available for Download

SDF SDK 2018.2 is now available. You can download this file to install SDF CLI. See the help topic [Installing SDF SDK](#).

The SDF CLI is used with your own integrated development environment (IDE) to create SDF projects, including SDF SuiteApps. 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 acts as an alternative to SuiteCloud IDE. For more information about SDF CLI, see [Command Line Interface Guide](#).

SDF SDK is supported on Windows, Linux, and Mac OS X. For more information, see [SDF SDK Installation Prerequisites](#).

New SDF CLI Command to Create SDF Projects

In previous releases, SDF CLI did not include commands for creating an account customization project or a SuiteApp project. To make a new project, you had to either manually create the file and directory structure of the project, or use the `sdfcli-createproject` file that was included in the SDF CLI supplemental package.

In 2018.2, you can use the SDF CLI command: [createproject](#).

The SDF CLI supplemental package no longer includes an `sdfcli-createproject` file.

For more information about using SDF CLI, see the help topic [Command Line Interface Guide](#).

Custom Segments Supported in SDF

As of 2018.2, SDF supports custom segments so that you can segment your data and create custom classification fields similar to class, department, and location. For more information about custom segments in NetSuite, see the help topic [Custom Segments](#).



Important: SDF only supports custom segments that use unified IDs. In NetSuite, you enable unified IDs on a custom segment by enabling the **Use as Field ID** checkbox. For more information about unified IDs, see [Unified ID Available for Custom Segments](#).

You can create or import custom segments using SuiteCloud IDE for Eclipse or SDF CLI. When you create a new custom segment in SuiteCloud IDE for Eclipse, an associated custom record type is automatically created. All values specified in the custom segment are instances of this custom record type. These instances are specified in the associated custom record type rather than the custom

segment. Enhancements have been made to custom record type objects and their instances in SDF to support custom segment objects and their associated custom record types.

The following is an example of a custom segment object, `cseg_region`, which has an associated custom record, `customrecord_cseg_region`:

```
<customsegment scriptid="cseg_region">
  ...
  <fieldtype>SELECT</fieldtype>
  <label>Region</label>
  <recordtype>[scriptid=customrecord_cseg_region]</recordtype>
  <valuesdisplayorder>SUBLIST</valuesdisplayorder>
  <segmentapplication>
    <transactionbody></transactionbody>
    <transactionline></transactionline>
    <entities></entities>
    <crm></crm>
    <items>
      <subtype>BOTH</subtype>
    </items>
    <customrecords>
      <applications>
        <application>
          <id>[scriptid=customrecord_campaign]</id>
          <isapplied>T</isapplied>
        </application>
        <application>
          <id>[scriptid=customrecord_donor]</id>
          <isapplied>T</isapplied>
        </application>
      </applications>
    </customrecords>
  </segmentapplication>
</customsegment>
```

The following is an example of the custom record type, `customrecord_cseg_region`, that is associated with the custom segment:

```
<customrecordtype scriptid="customrecord_cseg_region">
  <customsegment>[scriptid=cseg_region]</customsegment>
  ...
  <customrecordcustomfields>
    <customrecordcustomfield scriptid="custrecord_division_number">
      ...
    </customrecordcustomfield>
  </customrecordcustomfields>
  <instances>
    <instance scriptid="_northeast">
      <custrecord_division_number></custrecord_division_number>
      <name>Northeast</name>
      <parent></parent>
    </instance>
    <instance scriptid="_new_england">
      <custrecord_division_number>1</custrecord_division_number>
      <name>New-England</name>
      <parent>[scriptid=customrecord_cseg_region._northeast]</parent>
    </instance>
  </instances>
</customrecordtype>
```

```

</instance>
<instance scriptid="_mid_atlantic">
  <custrecord_division_number>2</custrecord_division_number>
  <name>Mid-Atlantic</name>
  <parent>[scriptid=customrecord_cseg_region._northeast]</parent>
</instance>
<instance scriptid="_midwest">
  <custrecord_division_number></custrecord_division_number>
  <name>Midwest</name>
  <parent></parent>
</instance>
<instance scriptid="_east_north_central">
  <custrecord_division_number>3</custrecord_division_number>
  <name>East-North-Central</name>
  <parent>[scriptid=customrecord_cseg_region._midwest]</parent>
</instance>
</instances>
</customrecordtype>

```

Custom segment objects support the following application and sourcing subtabs:

- Transactions
- Transaction Columns
- Entities
- CRM
- Items
- Custom Record Types

In addition, this feature enhances NetSuite custom object references in SDF. A new **type** attribute is now available to identify fields created by the application of a segment to one or more records. For example, the following ID element contains a custom object reference to a transaction body custom field that is created by the custom segment named cseg1:

```
<id>[scriptid=cseg1, type=transactionbodyfield]</id>
```

For more information, see the following:

- [Custom Segments as XML Definitions](#)
- [customsegment](#)
- [Specifying a NetSuite Custom Object Reference](#)

SuiteScript Server Page Applications (SSP Apps) Supported in SDF

As of 2018.2, SSP (SuiteScript Server Page) applications are supported in SDF. SSP applications are used to build custom applications for SuiteCommerce webstores. SSP applications let you customize a shopping experience by replacing default web store pages with your own custom assets. For example, you can use HTML and SuiteScript 1.0 to create these customizations. For more information about SSP applications and SuiteCommerce, see the help topic [SSP Application Overview](#).

Now you can create and manage SSP applications using SuiteCloud IDE or SDF CLI. SSP applications consist of .ssp files and a library of JavaScript files. The library of files associated with the .ssp files are stored in the File Cabinet/Web Site Hosting Files folder in the SDF project. This file directory is new to SDF projects in 2018.2.

SSP applications are referenced by the <sspapplication> root element in SDF. The following is an example reference to an SSP application object.

```
<sspapplication scriptid="webapp_33">
  <name>Test SSP Application</name>
  <appfolder>[/Web Site Hosting Files/Staging Hosting Files/SSP Applications/Sample/Test/]</appfolder>
  <rootpath>/Sample/Test/</rootpath>
  <description>Test SSP Application</description>
  <status>TESTING</status>
  <loglevel>DEBUG</loglevel>
  <isinactive>F</isinactive>
  <libraries>
    <library>
      <scriptfile>[/SuiteScripts/BundleInstallationScript.js]</scriptfile>
    </library>
  </libraries>
  <entrypoints>
    <entrypoint>
      <entrytype>LOGIN</entrytype>
      <entryitem>[/Web Site Hosting Files/Staging Hosting Files/SSP Applications/Sample/Test/test.ssp]</entryitem>
      <entryparameter>f=g</entryparameter>
    </entrypoint>
  </entrypoints>
</sspapplication>
```

After you deploy an SSP application object from an SDF project to a NetSuite account provisioned with a SuiteCommerce module, you can reference the object from the SSP applications list in the NetSuite UI.

The screenshot shows the NetSuite interface with the 'SSP Applications' list. A context menu is open over the 'Scripts' option, showing options like 'Script Deployments', 'Scripted Records', 'Map/Reduce Script Status', 'Priority Settings', 'Script Execution Logs', 'SSP Applications', and 'Script Debugger'. The 'SSP Applications' option is highlighted, and a 'New' button is visible next to it.

EDIT	VIEW	PRECEDENCE	NAME	FROM BUND	APPLICATION PUBLISHER	HOSTING ROOT	APPLICATION FOLDER
Edit View	98	Custom Checkout 2.04.0	65077		NetSuite Inc. - Checkout 2.04.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : Custom Checkout
Edit View	99	Reference Checkout 2.04.0	65077		NetSuite Inc. - Checkout 2.04.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : Reference Checkout
Edit View	112	CustomSSPApplication			NetSuite Inc. - Checkout 2.03.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : CustomSSPApplication
Edit View	115	Custom Checkout 2.03.0	59236		NetSuite Inc. - Checkout 2.03.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : Custom Checkout
Edit View	116	Reference Checkout 2.03.0	59236		NetSuite Inc. - Checkout 2.03.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : Reference Checkout
Edit View	117	Custom ShopFlow 1.05.0	58477		NetSuite Inc. - ShopFlow 1.05.0	Live Hosting Files	Web Site Hosting Files : Live Hosting Files : SSP Application : Custom ShopFlow

For more information, see the help topic [SSP Applications as XML Definitions](#).

Note: SSP application objects in SDF only support SuiteScript 1.0. SuiteScript 2.0 is not supported.

Map/Reduce Script Deployments Now Require Title Elements

Prior to this release, you could not specify script deployment titles for Map/Reduce custom objects in SDF. As of 18.2, a new mandatory **title** element has been added to the **scriptdeployment** structure of Map/Reduce objects.



Important: The title element is mandatory, meaning that you must add them to all your existing Map/Reduce script deployments in your SDF projects.

The following is an example of a map/reduce custom object that has a single deployment script. The deployment includes the title element:

```
<mapreducescript scriptid="customscript_samplemapreduce">
  ...
  <scriptdeployments>
    <scriptdeployment scriptid="customdeploy_my_mapreduce_script">
      <buffersize>1</buffersize>
      <concurrencylimit>1</concurrencylimit>
      <isdeployed>T</isdeployed>
      <loglevel>DEBUG</loglevel>
      <queueallstagesatonce>T</queueallstagesatonce>
      <runasrole>ADMINISTRATOR</runasrole>
      <status>NOTSCHEDULED</status>

      <title>My New Deployment Title</title>

      <yieldaftermins>60</yieldaftermins>
      <recurrence>
        <single>
          <repeat></repeat>
          <startdate>2019-01-23</startdate>
          <starttime>02:00:00Z</starttime>
        </single>
      </recurrence>
    </scriptdeployment>
  </scriptdeployments>
  ...
</mapreducescript>
```

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

SDF Project Size Limit Increase

The limit on acceptable SDF zipped projects has increased from 10 MB to 20 MB.

This increase was made to support SuiteScript Server Page (SSP) applications in SDF projects.

Workflows in SDF Now Support Sublist Action Groups

You can now create Sublist Action Groups in workflows for transactions when you work with them in SDF. A Sublist Action Group is a group of actions assigned to a workflow state that is to be executed on each line of a sublist. For more information, see the help topic [Using Sublist Action Groups](#).

SDF supports the following Sublist Action Groups, including two new standard actions have been added to the Sublist Action Group for workflows as part of a SuiteFlow enhancement. For more information about the SuiteFlow enhancement, see [Actions Added to Sublist Action Group](#).

- Create Record

- Return User Error
- Send Email
- Set Field Value

The following is an example of a workflow sublist action group as it is defined in a workflow custom object:

```
<workflow scriptid="customworkflow_sample">
  ...
  <workflowsublistactiongroup scriptid="workflowaction123">
    <conditionsavedsearch/>
    <contexttypes/>
    <eventtypes/>
    <isinactive>F</isinactive>
    <scheduledelay/>
    <schedulemode>DELAY</schedulemode>
    <schedulerecurrence/>
    <scheduledtimeofday/>
    <scheduletimeunit/>
    <sublist>ITEM</sublist>
    <initcondition>
      <formula/>
      <type>VISUAL_BUILDER</type>
    </initcondition>
    <setfieldvalueaction scriptid="workflowaction456">
      <field>STDBODYSHIPZIP</field>
      <isinactive>F</isinactive>
      <valuechecked>F</valuechecked>
      <valuedate/>
      <valuefield/>
      <valueformula/>
      <valuejoinfield/>
      <valueselect/>
      <valuetext>SDC</valuetext>
      <valuetype>STATIC</valuetype>
      <initcondition>
        <formula/>
        <type>VISUAL_BUILDER</type>
      </initcondition>
    </setfieldvalueaction>
  </workflowsublistactiongroup>
  ...
</workflow>
```

For more information, see:

- [Workflows as XML Definitions](#)
- [workflowactions](#)

Workflows in SDF Now Support the Visual Builder in the Condition Builder

In previous releases of SDF, workflows supported conditions created with formulas.

As of 2018.2, SDF supports expressions and conditions created with the visual builder in the workflow condition builder. You can now define complex conditions and expressions using record field value comparisons. These conditions can be used with workflow initiation, workflow actions, and workflow transitions. For more information about workflow conditions in NetSuite, see the help topic [Working with Conditions](#).

The following example shows a visual builder expression used in the initiation statement of a workflow object:

```
...
<initcondition>
  <formula><![CDATA["User" IN ("Current User") AND "Alt. Phone" = '555-123-1234' AND "Role" IN ("Role1","Role2","Role3")
AND "Days Overdue" = 100 AND "Account" = "Old Record:Account"]]></formula>
  <type>VISUAL_BUILDER</type>
  <parameters>
    <parameter>
      <name>User</name>
      <value>STDUSERUSER</value>
    </parameter>
    <parameter>
      <name>Current User</name>
      <selectrecordtype>-4</selectrecordtype>
      <value>@CURRENTUSER@</value>
    </parameter>
    <parameter>
      <name>Alt. Phone</name>
      <value>STIDENTITYALTPHONE</value>
    </parameter>
    <parameter>
      <name>Role</name>
      <value>STIDENTITYACCESSROLE</value>
    </parameter>
    <parameter>
      <name>Role1</name>
      <selectrecordtype>-118</selectrecordtype>
      <value>ADMINISTRATOR</value>
    </parameter>
    <parameter>
      <name>Role2</name>
      <selectrecordtype>-118</selectrecordtype>
      <value>CEO</value>
    </parameter>
    <parameter>
      <name>Role3</name>
      <selectrecordtype>-118</selectrecordtype>
      <value>[appid=com.samples.myapp, scriptid=customrole_sdfdeveloper]</value>
    </parameter>
    <parameter>
      <name>Days Overdue</name>
      <value>STIDENTITYDAYSOVERDUE</value>
    </parameter>
    <parameter>
      <name>Account</name>
      <value>STIDENTITYACCOUNTNUMBER</value>
    </parameter>
  </parameters>

```

```

        <name>Old Record:Account</name>
        <value>@OLDRECORD@:STIDENTITYACCOUNTNUMBER</value>
      </parameter>
    </parameters>
  </initcondition>
  ...

```

Oracle recommends that you import existing workflows that already contain visual builder expressions rather than using SDF to create expressions in workflow objects.

For more information about workflows, see:

- [Workflows as XML Definitions](#)
- [workflow](#)

Published Dashboards in SDF Now Support the Reminders Portlet

You can now use SDF to create Reminders portlets inside published dashboards. Reminders portlets let you set up reminders in NetSuite for important dates or tasks. For more information about custom reminders in NetSuite, see the help topic [Creating Custom Reminders](#).

The following example shows a Reminders portlet created inside a published dashboard object using SDF:

```

<publisheddashboard scriptid="custpubdashboard_reminders">
  <center>ACCOUNTCENTER</center>
  <locknewbar>F</locknewbar>
  <lockshortcuts>F</lockshortcuts>
  <name>Reminders</name>
  <notes/>
  <roles>
    <role>
      <role>HUMAN_RESOURCES_GENERALIST</role>
    </role>
  </roles>
  <dashboards>
    <dashboard>
      <centertab>BASICCENTERHOMEHOME</centertab>
      <layout>THREE_COLUMN</layout>
      <mode>UNLOCKED</mode>
      <leftcolumn>
        <reminders>
          <isminimized>F</isminimized>
          <showzeroresults>T</showzeroresults>
          <headline>
            <reminder>
              <days>5</days>
              <id>EMPLOYEESWITHUPCOMINGANNIVERSARY</id>
              <highlightingrules>
                <rule>
                  <color>BLUE</color>
                  <greaterthanorequalto>1</greaterthanorequalto>
                </rule>
              </highlightingrules>
            </reminder>
          </headline>
        </reminders>
      </leftcolumn>
    </dashboard>
  </dashboards>
</publisheddashboard>

```

```

        </highlightingrules>
      </reminder>
    <reminder>
      <days>7</days>
      <id>EMPLOYEESWITHUPCOMINGBIRTHDAY</id>
    </reminder>
  </headline>
  <other>
    <reminder>
      <id>[scriptid=customsearch_emps_kwolfe]</id>
    </reminder>
  </other>
</reminders>
</leftcolumn>
</dashboard>
</dashboards>
</publisheddashboard>

```

For more information about workflows, see:

- [Published Dashboards as XML Definitions](#)
- [centercolumn](#)

Saved CSV Import Maps in SDF Now Support Custom Transactions

As of 2018.2, the <savedcsvimport> custom object supports custom transactions. To define a mapping for a custom transaction, specify CUSTOMTRANSACTION for the recordtype field and a mapping to a custom transaction in the record field.

SDF only permits the preferred form to be specified as the form for a custom transaction saved CSV import. The preferred form is the default form for a custom transaction, and defined by an empty transactionform element. The empty transactionform element corresponds to the preferred form as the default selection of the Import Assistant in the NetSuite user interface.

The following is an example of a <savedcsvimport> custom object that maps to a custom transaction, customtransaction_material_invoice, that uses the preferred form:

```

<savedcsvimport scriptid="custimport_customtransaction68">
  <customtransaction>[scriptid=customtransaction_material_invoice]</customtransaction>
  <recordtype>CUSTOMTRANSACTION</recordtype>
  ...
  <transactionform/>
  ...
  <recordmappings>
    <recordmapping>
      <record>[CUSTOMTRANSACTION_MATERIAL_INVOICE]:ITEMS</record>
    </recordmapping>
  </recordmappings>
  ...
</savedcsvimport>

```

For information about saved CSV imports, see the following:

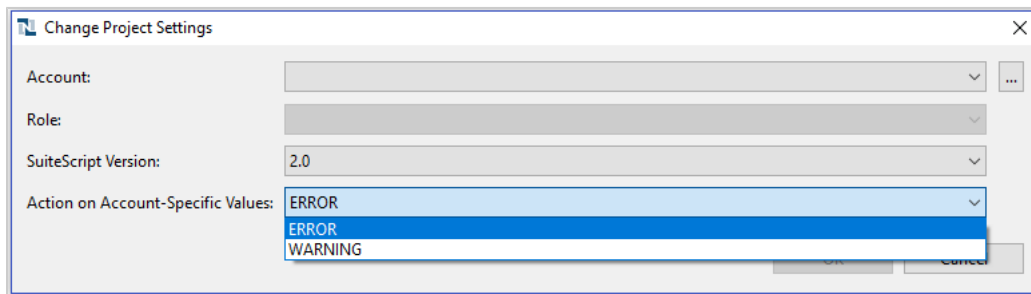
- [Working with Saved CSV Imports](#)

- savedcsvimport
- Custom Transactions Import

Ability to Deploy Account Customization Projects that Contain Account-Specific Values

In previous releases, SDF prevented you from deploying SDF projects containing account-specific values. When an account-specific value, such as an internal ID reference, was detected, deployment stopped and an error was thrown. If you validated an SDF project that contained account-specific values, those values would be flagged as errors.

As of 2018.2, you can access a new project setting that changes how account-specific values are validated. This setting affects whether XML elements that contain values of [ACCOUNT_SPECIFIC_VALUE] pass SDF validation.



The new project setting is available to account customization projects, to improve support of testing and development scenarios for advanced users. For example, you refresh your sandbox account to match the production account, then deploy a project with ID references existing in both accounts.

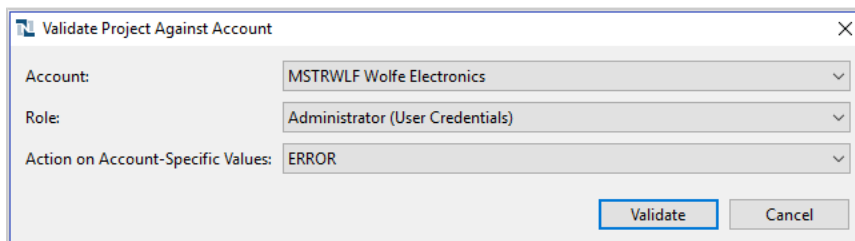
You can set the **Action on Account-Specific Values** option to one of the following values:

- WARNING
- ERROR

When set to WARNING, SDF captures warnings about account-specific values. This new behavior in 2018.2 makes it easier to deploy your account customization project and set the values after deployment. Note that if an account-specific value is used for a mandatory element, validation will still fail.

When set to ERROR, SDF throws error messages for account-specific values and stops deployment. You must change these instances to deploy the project to your account. This setting reflects the behavior seen in previous releases of SuiteCloud IDE and is recommended by Oracle. The default setting is ERROR.

Like other project settings such as Account and Role, you can change Action on Account-Specific Values for each validation or deployment instance.





Important: Deploying account-specific values to a NetSuite account increases the risk of unexpected behavior and data changes.

For more information, see the following topics:

- [Account-Specific Values](#)
- [Changing Project Settings in SuiteCloud IDE](#)
- [Validating an SDF Project](#)
- [Deploying an SDF Project to Your NetSuite Account](#)



Note: This setting is not supported in SuiteCloud IDE for WebStorm.

New SDF CLI Command to Save a TBA Token

As of 2018.1, token-based authentication (TBA) can be used with custom roles to log in to NetSuite Production accounts from SuiteCloud IDE and SDF CLI. You can issue and revoke TBA tokens for your accounts from SDF.

As of 2018.1, several roles in newly provisioned accounts require 2FA, including administrator roles and users with Full Access roles. For more information, see the help topic [Permissions Requiring Two-Factor Authentication \(2FA\)](#).

In 2018.2, you can log in to roles that require 2FA for SDF from SDF CLI. Instead of making a special role for SDF development, you can use any role that uses TBA.

Using SDF CLI, now you can run the following new command:

- `savetoken`

After successfully saving the token, SDF stores the information and you can use the role for SDF features that depend on account login such as validation, or deployment. SDF stores the token in the CLICACHE file in <Your location>\sdf\sdk.



Note: Before you can log in with a 2FA role using SDF CLI, you must install the integration bundle to the account, create a TBA token using the bundle application, then save the token to your SDF project. For more information on installing the SuiteCloud Development Integration bundle, see the help topic [Set Up a 2FA Role for SDF Development](#).

For more information about managing authentication using SDF CLI, also see the following topics:

- [Token-based Authentication in CLI](#)
- `issuetoken`
- `revoketoken`

For more information about using SDF CLI, see the help topic [Command Line Interface Guide](#).

New SDF CLI Option to Skip a Warning

In previous releases, the following warning prompted before deploying to a Production account:

```
WARNING! You are deploying to a Production account, enter YES to continue.
```

In 2018.2 you can skip it by using the SDF CLI `-sw` option added to the deploy command. For further information, see the help topic [deploy](#).

SuiteApps (Bundles) Released by NetSuite

NetSuite 2018.2 includes the following enhancements to SuiteApps released by NetSuite:

- Accounting SuiteApps
- Administration SuiteApps
- SuitePeople SuiteApps
- Order Management SuiteApps
- Inventory Management SuiteApps
- Localization SuiteApps
- Manufacturing SuiteApps
- Projects SuiteApps
- SuiteAnalytics SuiteApps
- SuiteBuilder Customization SuiteApps
- Taxation SuiteApps

Accounting SuiteApps

Following is the 2018.2 accounting enhancement to SuiteApps:

- SuiteApprovals V2.0
- Fixed Assets Management Enhancements
- Revenue/Expense Reclassification of Accounts by Region

SuiteApprovals V2.0

SuiteApprovals version 2.0 includes the following enhancements:

- **Addition of Priority Field on the Approval Rule Record** — You can set the priority of any new approval rule. The field enables you to define the hierarchy of approval rules for journal entry and engineering change order records. Active approval rules with no Priority value are validated first by default.
- **Uniqueness Validation of Approval Rules** — The SuiteApp now validates the uniqueness of approval rules based on the combination of the following fields: Subsidiary, Start Date, End Date, Priority, and any Saved Search Condition.
- **Mandatory Reject Reason** — Approvers who reject records are required to enter a reason.
- **Support for Auto-Generated Journal Entries** — SuiteApprovals now processes auto-generated regular journal entries that utilize custom approval.
- **SuiteApprovals Support for Engineering Change Order (ECO) Feature** — The ECO feature leverages the robust capabilities of the SuiteApprovals workflow for the management of engineering change order approvals. For more information about the feature, see the help topic [Engineering Change Order](#)

For the help topics, see the help topic [SuiteApprovals V3.0](#).

Fixed Assets Management Enhancements

Fixed Assets Management version 18.2. includes the following enhancements:

- Asset Listing Report (Anlagenspiegel)
- SuiteTax Support on Fixed Asset Disposal
- Depreciation Monthly Report Enhancements
- Remove Multiple Reset on FAM Transactions

Asset Listing Report (Anlagenspiegel)

The Asset Listing report is a year-end fixed assets report that uses the format for Germany's consolidated financial statements, in accordance with the German Commercial Code. This report is targeted for German accounts and subsidiaries, but is also available to other users.

The report shows the total acquisition or production costs, additions, disposals, transfers, and write-ups for the fiscal year.

SuiteTax Support on Fixed Asset Disposal

The Fixed Assets Management SuiteApp uses the information in the tax code record to apply the correct tax when you are disposing of assets through sale. To ensure compatibility with SuiteTax, changes have been made on the back end of FAM's system so that asset disposals are processed successfully.

If you are using SuiteTax on your account, the **Sales Tax Code** field on the Asset Disposal page will be hidden. The system will instead use the tax code that is set by the SuiteTax engine on the invoices.

Depreciation Monthly Report Enhancements


The Fixed Assets Management SuiteApp now lets you generate a Depreciation Monthly report for secondary books. Depreciation for posting secondary books are available when you generate the Depreciation Monthly report.

You can also customize the Depreciation Monthly report by adding columns through XML or through the report customization feature.

Remove Multiple Reset on FAM Transactions

Changes to some fields in the asset and tax method will trigger the asset reset process. In previous versions, an Asset Reset process is queued whenever the system detects a change that requires a reset.

In Fixed Assets Management v18.2, the system first gathers the data that will require reset, and runs a single reset process for all affected assets. The reset process can be triggered in the following ways:

 **Note:** To ensure that the process runs smoothly, add the **FAM Asset Reset Data** permission to your custom role, and set the level to Create.

- **Summarization** – Changes to the summarization will automatically trigger the reset process and will reset all asset records.
- **Scheduled Script** – A scheduled script automatically executes the reset process daily, for asset records that require a reset. You can manually run the script, or change the script runtime.
- **Fixed Assets Transactions and Field Mapping** – When you run certain FAM transactions or make changes to the field mapping, the asset reset process will be triggered.
- **Reset Asset Values in the System Setup Page** – If the system detects record changes that will require an asset reset, the Reset Asset Values button will be visible on the System Setup page. You can click this button to trigger asset reset.

With the introduction of this enhancement, the following preferences were removed in the System Setup page:

- Prevent Multiple Reset on CSV Import
- Bypass Custom Record UE Scripts During Depreciation

Revenue/Expense Reclassification of Accounts by Region

The NetSuite Revenue/Expense Reclassification by Region SuiteApp is now available. This SuiteApp enables companies to reclassify their revenue or expenses based on the transaction's region.

The Revenue/Expense Reclassification by Region SuiteApp provides the following features:

- Define multiple child revenue or expense accounts based on subsidiary, region, item, item category, or tax rate.
- Batch processing of account reclassification based on region per transaction.

For more information, see *Revenue/Expense Reclassification by Region Overview*

Administration SuiteApps

Following are the 2018.2 administration enhancements to SuiteApps:

Application Performance Management (APM) Enhancements

Following are enhancements to the APM SuiteApp:

- [New SuiteCloud Processors Monitor Tool for Map/Reduce and Scheduled Jobs](#)
- [New Concurrency Monitor Tool for Web Services and RESTlets](#)
- [Client Script Support on APM Tools](#)
- [Improved Auto-Complete Search on the Performance Dashboard](#)

New SuiteCloud Processors Monitor Tool for Map/Reduce and Scheduled Jobs

Prior to this release, you can monitor the performance of scheduled and map/reduce jobs only by using the Script Queue Monitor (SQM) tool in APM. The SQM dashboard provides ample support for jobs handled by scheduling queues, but it offers limited support for jobs handled by SuiteCloud Processors. Its monitoring of map/reduce job types is also limited.

APM version 1.08 introduces the new SuiteCloud Processors Monitor (SCPM) tool. SCPM is a visual and informative tool that lets you monitor the performance of jobs handled by SuiteCloud Processors, scheduling queues, or both better than SQM. SCPM lets you track the performance of both scheduled and map/reduce jobs. It displays average wait time, processor utilization, processor concurrency, processor settings, and other statistics in detailed lists and charts.

SCPM consists of the following dashboards:

- **SuiteCloud Processors Monitor** – Shows vital processor settings and statistics in several portlets so that you can compare data and improve your performance.
- **SuiteCloud Processors Job Details** – Provides in-depth information about specific deployments based on your selected filters.

To start using the SuiteCloud Processors Monitor dashboard, go to Customization > Performance > SuiteCloud Processors Monitor.

Note: Administrators who are already using the Application Performance Management (APM) SuiteApp need to save access again for other roles and employees so they can use the new features in version 1.08. For more information, see the help topic [Setting Up APM Access for Roles and Employees](#).

For more information about SuiteCloud Processor Monitor, read the help topic [Monitoring SuiteCloud Processors Performance](#).

New Concurrency Monitor Tool for Web Services and RESTlets

APM version 1.08 introduces the Concurrency Monitor tool that lets you monitor web services and RESTlet integrations and shows you instances when you exceeded your account concurrency limit. Concurrency Monitor helps you optimize your schedule for running web services and RESTlet integrations. It helps you avoid errors because of requests that exceed your account limit. By showing your exceeded concurrency data over time, Concurrency Monitor helps you decide if you need to add SuiteCloud Plus licenses to enhance your performance.

Concurrency Monitor consists of the following dashboards:

- **Concurrency Monitor** – Shows concurrency statistics and concurrency counts by hour for requests within the limit and requests exceeding the limit.
- **Concurrency Details** – Shows concurrency counts by minute for requests within the limit and requests exceeding the limit.

To start using the Concurrency Monitor dashboard, go to Customization > Performance > Concurrency Monitor.

For more information about Concurrency Monitor, read the help topic [Monitoring Web Services and RESTlet Concurrency](#).

Client Script Support on APM Tools

Prior to this release, you can use APM to monitor the performance of scripts that were run only on servers. With APM 1.08, you can also track performance data for client-side scripts by using the SuiteScript Analysis and Page Time Details pages.

Client script instances in APM pages are denoted as follows:

APM Page	Section/Portlet	Client Script Instances
Page Time Summary	Script/Workflow Time Breakdown	Client scripts are included in the computation.
Page Time Details	Timeline	Client scripts are listed and indented under the Client : Init line.
	SuiteScript and Workflow Details	Client script values for usage, record operations, URL requests, and searches columns are not available. These are denoted with an en dash (-).
SuiteScript Analysis	SuiteScript Details	Client script values for usage, record operations, URL requests, and searches columns are not available. These are denoted with an en dash (-).

For more information about client script support on Page Time Summary, read the following topics:

- [Monitoring Performance with the Page Time Summary](#)
- [Script and Workflow Time Breakdown Chart](#)

For more information about client script support on Page Time Details, read the following topics:

- [Using Page Time Details](#)
- [About SuiteScript and Workflow Details](#)

For more information about client script support on SuiteScript Analysis, read the help topic [Using SuiteScript Details](#).

Improved Auto-Complete Search on the Performance Dashboard

With APM 1.08, the list on the Setup Record pages popup window of the Performance Dashboard includes an auto-complete or type-ahead function. Prior to this release, the auto-complete function of this list is inconsistent. With this enhancement, you can quickly narrow searches for record page operations that you need to add on your watch list.

To try the improved search, go to Customization > Performance > Dashboard.

For more information about adding record page operations on your watch list, read the help topic [Changing the Record Page Operations That You Watch](#).

SuitePeople SuiteApps

Following is the 2018.2 SuitePeople enhancement to SuiteApps:

- [New Configurable Fields Added to Employee Directory and Org Browser](#)
- [Time-Off Request Enhancements](#)
- [Onboarding Checklist SuiteApp](#)

New Configurable Fields Added to Employee Directory and Org Browser

With Employee Directory and Org Browser version 1.06, you can display more configurable fields on the employee directory and org browser listings. With this, you can be more flexible when you choose which details to display or highlight on the directory listings. The changes to each directory listing are as follows:

- **Employee Directory** – Prior to this version, you can configure three fields on the employee directory listing, and the **Job Title** field always appears on the listing. With version 1.06, you can now configure four fields. The **Job Title** field is also removed from the list of fields that always appear on the employee directory listing. You can still select **Job Title** among the standard field selections for **Configurable Field 1**.

Your field selections for **Configurable Field 1** and **Configurable Field 2** will appear below the employee name on the directory listing. Field selections for **Configurable Field 3** and **Configurable Field 4** will appear on the upper right corner of the directory listing.
- **Org Browser** – You can now configure a total of three fields on this listing.
Configurable Field 1 also appears on its own line above **Configurable Field 2** and **Configurable Field 3**.

For more information, see the help topic [Configuring the Employee Directory and Org Browser](#).

Time-Off Request Enhancements

With Time-Off Tracking version 1.07.2, when employees request time-off from their Employee Center role, they can now see the number of immediate team members who would be off on the requested date(s). They can view up to eight conflicts at a time, and can view more by clicking the pagination arrow if there are more than eight. Conflicts will appear for team member time-off requests that are in pending or approved states.

Onboarding Checklist SuiteApp

The Onboarding Checklist SuiteApp is a comprehensive tool designed to orchestrate tasks related to the start of a newly hired or internally transferred employee. The SuiteApp simplifies the onboarding process for HR professionals, managers, and new employees. It uses templates, checklists, and reminders.

With the Onboarding Checklist SuiteApp, HR professionals can coordinate onboarding tasks among the various people involved in the onboarding process.

Roles with full access to the SuiteApp can create templates and checklists that reflect the organization's onboarding process. Administrators can also control which roles can coordinate onboarding activities.

With the Onboarding Checklist SuiteApp, you can:

- Save time by creating checklist templates that you can reuse for different new hire scenarios.
- Promote a positive onboarding and first-day experience for newly hired and internally transferred employees by linking each task to the employees who can help.
- Ensure that newly hired and internally transferred employees can complete their tasks with the help of a clean and simple interface.
- Keep track of the status of tasks that are required to comply with labor standards, such as the completion of government forms.
- Identify common roadblocks when completing tasks to help refine the onboarding process.

By default, standard Chief People Officer (CPO) and HR Generalist (HRG) roles are updated with the complete permissions to use the Onboarding Checklist SuiteApp. Employees who are assigned as Coordinators and Assignees can also access checklists assigned to them. Administrators can customize the list of roles which can create and coordinate onboarding checklists and templates.

The following table shows tasks that each role can do with the SuiteApp:

Coordinator and HR Roles	Assignees
<ul style="list-style-type: none"> ■ Create and edit onboarding checklist templates ■ Create and edit onboarding checklists ■ Designate employees as Coordinators ■ Assign onboarding tasks to employees ■ Receive reminders about the status of tasks 	<ul style="list-style-type: none"> ■ View onboarding tasks assigned to them ■ Update the status of their tasks ■ Receive reminders about changes on their onboarding tasks

The Onboarding Checklist SuiteApp is available to accounts that have SuitePeople installed. For more information about SuitePeople, see the help topic [SuitePeople Overview](#).

For more information, read the help topic [Employee Onboarding](#).

Order Management SuiteApps

Following are the 2018.2 order management enhancement to SuiteApps:

- [Electronic Bank Payments Enhancements](#)
- [Electronic Invoicing Enhancements](#)
- [Usage Data RESTlet for SuiteBilling](#)

Electronic Bank Payments Enhancements

Electronic Bank Payments version 18.2 includes the following features:

- [Process Payments Using Secondary Bank Accounts](#)
- [Generate Payment File for SEPA Direct Debit using Instant Electronic Bank Payment File Process](#)
- [Calculate Bank Fee for Zengin Payment Transactions](#)
- [Generate Electronic Payment Files for In-Transit Vendor Payments](#)

Process Payments Using Secondary Bank Accounts

In previous versions, you can only use the primary bank account of the vendor, customer, employee, and partner record when processing payments.

In Electronic Bank Payments SuiteApp 18.2, you can select secondary bank accounts as your preferred entity bank when processing vendor or customer payments for electronic bank payment.

- On the Bill Payment page, a **Preferred Entity Bank** field is available under the **EFT** subtab where you can select the entity bank account the payment will be transferred to.
- On the Customer Payment page, a **Preferred Entity Bank** field is available under the **EFT** subtab where you can select the entity bank account the payment will be debited from.



Note: Using of secondary entity bank accounts for payment transaction is only available for instant electronic bank payment file creation.

For more information, see the help topic [Processing Payments Using Secondary Bank Accounts](#).

Generate Payment File for SEPA Direct Debit using Instant Electronic Bank Payment File Process

When generating payment file for SEPA Direct Debit in Electronic Bank Payments SuiteApp 18.2, the entity bank details record will be updated after the Payment File Administration (PFA) record is submitted and processed.

In the status summary section of the Payment File Administration page, a new **Excluded Transactions** field will be available. This field will display the number of transactions that already have final payment dates and were not included in the generated payment file.

For more information, see the help topic [Viewing Electronic Bank Payment Files](#).

Calculate Bank Fee for Zengin Payment Transactions

In Electronic Bank Payments SuiteApp 18.2, you can calculate the bank transfer fee based on the associated bank fee schedule during payment processing. Generate the payment file for electronic bank payment to reflect the payment amount with the bank fee applied.

- On the Zengin Bank Fee Schedule page, you can set up a bank fee matrix based on your agreement with the bank. Associate a bank fee schedule with your company bank account to ensure correct bank fee is calculated.

- On the Vendor record form, you can check the **Vendor Bank Fees** box to identify if the vendor or company will pay the bank transfer fee when processing payment transactions.
 - If the vendor will pay the bank transfer fee, check the **Vendor Bank Fees** box under the **Bank Payment Details** subtab on the Vendor record form.
 - If the company will pay the bank transfer fee, clear the **Vendor Bank Fees** box under the **Bank Payment Details** subtab on the Vendor record form.

For more information, see the help topic [Japan Zengin Bank Fees](#).

Generate Electronic Payment Files for In-Transit Vendor Payments

In Electronic Bank Payments SuiteApp 18.2, you can process bill payment transactions and generate payment files for electronic bank payment with the in-transit feature enabled.

When processing bill payments, the status of the bill payments created will follow the current in-transit payments preference of the account or the subsidiary record for OneWorld. You can only create bill payments via Electronic Bank Payments if:

- Bill status is Open
- Bill status is Payment In-Transit, where amount is greater than zero

On the Payment File Administration page, an **In-Transit** box is available to indicate if the payment transactions included in the file were processed using the in-transit feature.

For details about in-transit payments, see [In-Transit Payments](#).

Note the following limitations to this enhancement:

- Instant Electronic Bank Payment Files for In-Transit Vendor Payments
 - Reprocess, rollback, and reversal of payment files are not supported.
 - Recreate process is only available for in-transit payments that are in Approved status.
 - Approval routing preference for in-transit vendor payments is not supported. If you want payment batches to go through an approval process before they can be sent to the bank, use the EFT Payment Batch Approval Routing.
 - If the Vendor In-Transit Payments preference is enabled under Setup > Accounting > Accounting Preferences > Approval Routing, you will not be able to perform Bill Payment Processing and Batch Payment Processing.

Electronic Invoicing Enhancements

Using Electronic Invoicing SuiteApp version 3.02, you can now generate the XML e-documents of item fulfillment and vendor bill records, and then send them through the outbound process. For more information, see the help topic [Transactions and Processes Supported by the Electronic Invoicing SuiteApp](#).

A **View XML** button is available on transaction records with generated outbound e-documents. Clicking **View XML** on a transaction record displays the XML content of the generated outbound e-document from that record. For more information, see *Viewing the XML Content of Generated Outbound e-Documents*.

By default, roles with access to transaction records supported by Electronic Invoicing have the permission to manually generate and send outbound e-documents. The administrator can now customize standard and custom roles to restrict this permission. By editing a role and clearing the **Allow Manual Generation of E-Document** box or **Allow Manual Sending of E-Document** box, the Generate E-Document button or Send E-Document button will no longer be available on transaction

records viewed by a role. For more information, see the help topic [Customizing Roles to Restrict E-Document Generation or Sending](#).

Usage Data RESTlet for SuiteBilling

The SuiteBilling Enhancements SuiteApp aims to provide additional features that you can use in conjunction with the Advance Subscription Billing features.

With the Advanced Subscription Billing feature, you can create usage data for subscription items by manually creating usage records through the user interface or by CSV import.

In 2018.2, the new SuiteBilling Enhancements SuiteApp includes a RESTlet that enables you to create usage records individually or in bulk. When you install this SuiteApp, you can use the following methods to send a request to the usage data RESTlet:

- `sbCreateUsage` – This method enables you to send a request to create usage records for subscription items in NetSuite. This method creates a SuiteBilling operation record to process the usage creation in NetSuite, and immediately returns a response object with the request ID. You can use the request ID to determine the status of usage data creation.
- `sbGetUsageCreationStatus` – This method enables you to get the status of usage data creation using the request ID returned by the `sbCreateUsage` method.

The SuiteBilling Enhancements SuiteApp is available in accounts running on NetSuite 2018.2. Contact NetSuite Customer Support if you want to have this SuiteApp shared with your NetSuite account.

For more information, see the help topic [SuiteBilling Enhancements](#).

Inventory Management SuiteApps

Following are the 2018.2 inventory management enhancements to SuiteApps:

- [NetSuite WMS](#)
- [Quality Management](#)
- [Supply Chain Management Enhancements](#)

NetSuite WMS

 [View the NetSuite WMS 2018.2 New Feature Training](#).

NetSuite Warehouse Management System (WMS) 2018.2.0 includes the following enhancements:

- [Composite Bar Codes](#)
- [Support for Inventory Status](#)
- [Support for Intercompany Cross-Subsidiary Fulfillment](#)

Composite Bar Codes

You can now enter item information automatically by scanning linear and 2D composite bar codes, eliminating manual entry. This support enables you to reuse supplier bar codes and drive internal processes by printing and scanning these bar codes.

You first create a composite bar code template for each of your items. The template configures components such as the item number, UOM, lot number, and expiry date. Then, when you process

items using mobile devices, you can scan composite bar codes to input the information configured in the bar code template.

Composite bar code components have a fixed length. If you configure an item's index length as 14 characters and your item data is less than 14 characters, padding characters are added to reach the fixed length.

You can scan composite bar codes for the following processes using mobile devices:

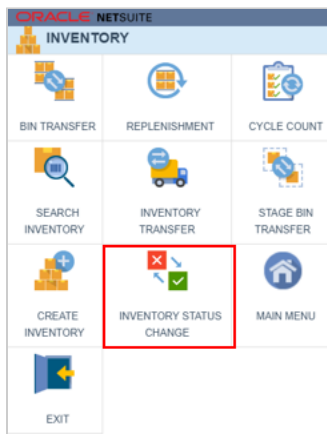
- Bin Transfer
- Counting
- Inventory Transfer
- Picking
- Putaway
- Receiving
- Replenishment

If you have configured a composite bar code for an item, the bar code appears on a pallet label when you print it during the receiving process.

You can also configure custom bar code components and map them to specific mobile device screens. For example, if you want to capture information in a custom field, such as an item's Bill of Lading number when you receive a purchase order, you create a bar code component mapping record. On the mapping record, you configure a Bill of Lading number text field to appear in a specific location on the PO Receiving page on mobile devices.

Support for Inventory Status

You can now use mobile devices to change the status associated with an item. A new Inventory Status Change icon appears on the mobile device Inventory screen.



Inventory status can now be set on picking and putaway strategies.

For more information, see the help topic [Inventory Status](#).

Support for Intercompany Cross-Subsidiary Fulfillment

NetSuite WMS now supports the Intercompany Cross-Subsidiary Fulfillment feature for NetSuite OneWorld. The following processes support the fulfillment of orders and returns from different originating subsidiaries:

- inbound returns
- inbound reversals
- posting item receipts
- single-order picking
- single-order picking with a pick list
- multi-order picking
- pick reversals
- posting item fulfillment records for partially-picked orders
- packing
- Quick Ship

For more information, see the help topic [Intercompany Cross-Subsidiary Fulfillment](#).

Quality Management

NetSuite Quality Management 2018.1.0 includes the following enhancements:

- [In Process Inspections](#)
- [Tablet Photo Capture](#)
- [Supported Browsers](#)
- [Notices and Limitations](#)

In Process Inspections

The NetSuite Quality Management 2018.1 SuiteApp enables you to launch inspections that include the following manufacturing-related transactions:

- Assembly Builds
- Work Order Builds
- Work Order Completions

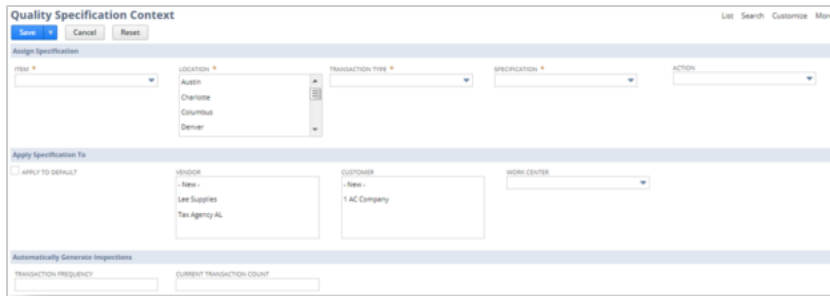
You can now identify which quality specification should be invoked based on location, item, transaction type, and optionally, work center (for routing work orders).

Specification Context Setup

Quality specification context records have been expanded to trigger in-process related inspections. Your quality administrator can create a new context record from the assembly item subtab to provide a way to review all inspection triggers for an item.

EDIT	SPECIFICATION	TRANSACTION TYPE	VENDOR	CUSTOMER	WORK CENTER	LOCATION	DEFAULT	TRANSACTION FREQUENCY	CURRENT TRANSACTION COUNT	ACTION
Edit	Vendor Specification	Receipt From Purchase Order	Tax Agency AL			Indianapolis Facility	No	0	0	
Edit	Beam Inspection	Receipt From Purchase Order				Indianapolis Facility	Yes	0	0	

Completing the quality specification context form, enables you to associate in-process transactions to a specification. This form is similar to the item receipt inspections form.



The 'Quality Specification Context' form includes the following sections:

- Design Specification:** Fields for ITEM, LOCATION (dropdown with options: Austin, Charlotte, Columbus, Denver), TRANSACTION TYPE, SPECIFICATION, and ACTION.
- Apply Specification To:** A checkbox for 'APPLY TO DEFAULT'. Below it are fields for VENDOR (with options: Lee, Lee Supplies, Tax Agency AL), CUSTOMER (with options: Lee, 1 AC Company), and WORK CENTER.
- Automatically Generate Inspections:** Fields for TRANSACTION FREQUENCY and CURRENT TRANSACTION COUNT.

To learn more, see the help topic [Quality Specifications](#).

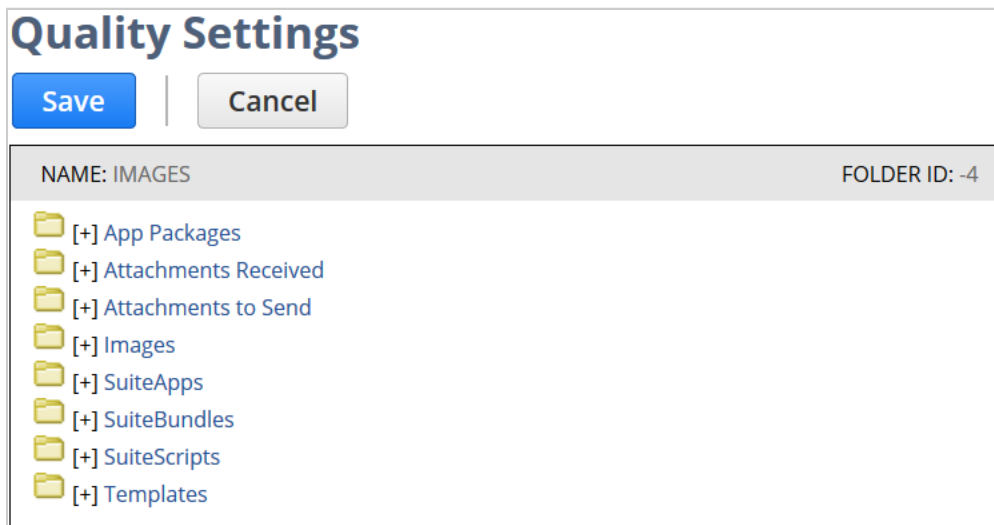
Tablet Photo Capture

Quality Management 18.1 introduces a new image data type for inspection fields. Adding this field to an inspection enables you to use the Quality Management tablet interface to capture digital images. This includes files already saved to a tablet.

File Storage Setup

Images captured during inspection are stored in the NetSuite file cabinet. Quality administrators use the new Settings page to control the folder where images are stored.

When a quality administrator goes to Quality > Data Collection > Settings, the list of file cabinet folders is displayed. The selected image storage folder is listed in the upper-left corner of the folder selector.



The 'Quality Settings' interface shows a folder selector with the following details:

- NAME:** IMAGES
- FOLDER ID:** -4
- Buttons:** Save (blue), Cancel (grey)
- Folder List:** A list of folders with expandable icons (+):
 - [+] App Packages
 - [+] Attachments Received
 - [+] Attachments to Send
 - [+] Images
 - [+] SuiteApps
 - [+] SuiteBundles
 - [+] SuiteScripts
 - [+] Templates

To expand a folder to display subfolders, click the + icon next to the file name. When a quality administrator selects a folder name, it is set as the new storage location.

File Storage Details

Quality Management Administrators create any additional folders needed to organize image content. Image files are linked to inspection data directly.

Images are grouped according to the following:

- The **Triggering Transaction and Specification** folder. These two IDs are concatenated by an underscore(_).

- Since an **Inspection** can contain multiple image fields, it is represented as a subfolder.
- The **Data Field** is captured within the file name to segregate images.

Folder and File Naming Example

For example, when Item Receipt (A) is processed it fails inspection. This failure triggers the specification which prompts the inspector to gather the following information:

- **Specification** – Inspect for Receipt (B)
- **Inspection** – Check for Visual Damage (C)
- **Image Field** – Photo of Damage (D)

The images are stored as follows:

- Folder – A_B
 - Subfolder – A_B_C
 - File – A_B_C_D

Data Field Setup

To enable the tablet to capture images, add an image data field data type to the quality settings. All other elements of the data field setup (sequence, data field name, and instruction text) behave like other field types.

Multiple images can be included within an inspection. However, each field can retrieve and store only a single image.

Capturing Images Using a Tablet

The new Quality Management interface displays icons to help you capture and save images during an inspection.

The image icon (🖼️) enables you to link an inspection to images already stored on the tablet.

Tap the camera icon (📷) to take a photo and then link it to the inspection data.

Images are displayed in the tablet interface.

The screenshot shows a mobile interface for a 'System Pressure' inspection. At the top, there's a red header with a back arrow, the title 'System Pressure', and a 'Failed' status button. Below the header, an instruction reads: 'Measure the pressure in the AC system to confirm proper compressor operation.' The form contains three input fields: 'Low End Pressure' with the value '10', 'High End Pressure' with the value '280', and 'Gauge Photo' which displays a photo of AC gauges. At the bottom left, there are 'Record' and '?' buttons.

To learn more, see the help topic [Mobile Data Collection](#).

Supported Browsers

The Quality Management SuiteApp is supported by all of the NetSuite-supported browsers. To learn more, see the help topic [Supported Browsers for NetSuite](#). Internet Explorer 11 is not compatible with

the Quality Management tablet screens. If you are using Quality Management on a tablet, you should use the Microsoft Edge browser.

Notices and Limitations

Be aware of the following temporary limitations in NetSuite Quality Management 2018.1.0:

Recurring Work Centers – Currently, if a work center is designated for inspection and has multiple operation steps within a manufacturing routing, the quality system generates an inspection for each operation.

To resolve this issue, eliminate any duplicate work center references.

Tablet Browsers – Quality Management and NetSuite support the same browsers. To learn more, see the help topic [Supported Browsers for NetSuite](#). Internet Explorer 11 is not compatible with the Quality Management tablet interface.

Supply Chain Management Enhancements

Supply Chain Management V4.0 includes the following new features:

- [Item Substitution on Sales Orders](#)
- [Engineering Change Order](#)

Item Substitution on Sales Orders

With the Item Substitution feature, you can add substitute items for supported item types directly on the item record. During the sales order entry process, you can then review available substitute items on the sales order record. This enables you to address inventory shortage during the sales process.

For more information, see the help topic [Item Substitution on Sales Orders](#).

Engineering Change Order

Using the Engineering Change Order feature, you can generate engineering change order (ECO) records to document changes to Bills of Materials. Leveraging the SuiteApprovals workflow, you can approve and authorize the implementation of those changes.

For more information, see [Engineering Change Order](#).

Localization SuiteApps

The following are the 2018.2 localization enhancements to SuiteApps:

- [New China Cash Flow Item Subsidiary Setup](#)
- [China Voucher List Enhancements](#)
- [China-Specific Reports Enhancements](#)
- [Golden Tax Export File Enhancements](#)
- [New Financial Reports for China](#)
- [Added New Page To Control All China-Specific Features](#)
- [Southeast Asia Localization SuiteApp](#)
- [Enhancements to Japan Payment Terms and Due Date Validations](#)

- New Japan Financial Statements SuiteApp
- China Cash Flow Statement Field Filtering Refinements
- New Supported Transactions for China Cash Flow Statement Report
- Automatic Tagging Of China Cash Flow Item For Line Items In Transactions
- Added Single Currency Template For China Voucher Printing Report
- Added Ability to Merge Transactions When Generating China VAT Transactions
- China Localization: China Voucher List

New China Cash Flow Item Subsidiary Setup

The NetSuite China Localization SuiteApp adds a new Cash Flow Item set up. This feature enables companies to quickly define the Cash Flow Item for transactions per-subsidiary without the need to configure the China Cash Flow Item field for every item.

For more information, see the help topics [Setting Up China Cash Flow Item for Subsidiary](#) and [Cash Flow Item Default Logic For China Cash Flow Values In Transactions](#)

China Voucher List Enhancements

China Voucher List now supports additional reporting formats for printing. The following reporting templates are added:

- Single Currency
 - Double Vouchers on A4 paper
 - Single Voucher on A4 paper
 - Single Voucher on A5 Paper
- Multiple Currency
 - Double Vouchers on A4 paper
 - Single Voucher on A4 paper
 - Single Voucher on A5 Paper

In addition, China voucher list supports custom templates using Freemarker. This feature enables you to define your China voucher printing templates according to business needs.

For more information, see the help topic [Setting Up Preferences for China Voucher List](#).

China-Specific Reports Enhancements

The China Localization SuiteApp provides important financial reports that are needed to operate in China. These reports are updated with the following enhancements:

- Added the following search criteria for Balance Sheet Report, Income Statement Report, and Cash Flow Statement Report:
 - Location
 - Classes
 - Department
- Added Single Currency and Multiple Currency printing templates for the China Voucher Printing Report.

- Added option to print the location, department, and class under the account column for the Single Currency Template in China Voucher Printing Report.
- Cash Flow Item fields can be set as mandatory per subsidiary.
- Report Name Field is now a dropdown field instead of a text box.

See the help topics [China Balance Sheet Report](#), [China Cash Flow Statement Report](#), [China Income Statement Report](#), [Toggling China Cash Flow Item Fields as Mandatory](#), and [Generating China Voucher Printing Report](#).

Golden Tax Export File Enhancements

The China Localization SuiteApp provides the capability to export and import VAT transactions to the China Golden Tax System.

The following are enhancements added to this feature:

- Added new capability to consolidate multiple invoices into a single VAT invoice record.
- Added new capability to use an item record's **DISPLAY NAME/CODE** and use them in the line item in China VAT invoices.

See the help topic [Generating China VAT Transactions](#) for details.

New Financial Reports for China

The China Localization SuiteApp adds the following reports for companies to generate while doing business in China:

- China Account Balance Report
- China Subledger Report
- China Cash & Bank Journal Ledger Report

These reports are configurable with the following filters:

1. Generated with configurable parameters including classes, departments and locations.
2. Generate consolidated reports.
3. Support three levels of drilldown query for new reports via line item recording, including:
 - From Account Balance > Sub-ledger and Cash & Bank Journal Ledger
 - From Sub-ledger and Cash & Bank Journal Ledger > GL impact
 - From GL impact > Transaction Record

For more information, see the help topics [China Account Balance Report](#), [China Subledger Report](#), and [China Cash & Bank Journal Ledger Report](#).

Added New Page To Control All China-Specific Features

Added a new page for users to change China Localization SuiteApp preferences. In this page, administrators can enable or disable Golden Tax and Cash Flow Statement features.

The **Manage Creator/Approver/Poster** is moved from **User/Roles** to **China Localization**.

For more information, see the help topics [Customizing Creator, Poster, and Approver in China Voucher Printing Report](#) and [Enabling or Disabling China Localization Features](#).

Southeast Asia Localization SuiteApp

The new Southeast Asia Localization SuiteApp provides invoicing features for Singapore and Thailand.

The SuiteApp includes invoice and credit memo templates that enable compliance with local requirements. The templates contain minimum information that tax authorities require and local business practices prescribe. When the templates are used for transactions in foreign currency and with multiple tax codes, required information is included in distinct sections on the printed tax invoice or credit memo. The templates can be customized to suit your specific business requirements.

For Singapore, the SuiteApp enables compliance with invoice and credit memo requirements for customer accounting transactions.

For Thailand, the SuiteApp indicates the print status on printed tax invoices and credit memos if the templates are used. New custom fields are also added when the SuiteApp is installed. A **Branch ID** field is added in customer and vendor records if your company or any subsidiaries has a Thailand nexus. Branch ID field is also added in sale and purchase transactions. Another field, **Transaction Amount in Words**, is added in sale transactions if the nexus country of the transaction is Thailand.

For more information, see the help topics [Singapore Invoicing Features](#) and [Thailand Invoicing Features](#).

Enhancements to Japan Payment Terms and Due Date Validations

In Japan Localization SuiteApp version 2018.2, you can now define Japanese payment terms on vendor and employee records, which have the **Payment Terms** subtab available. On the subtab, the **Due Date Adjustment** field is also available if there is a Japan subsidiary. A **Closing Date** field is added to Bills or Expense Reports if the transaction subsidiary is Japan. Both Closing Date and Due Date in Bills and Expense Reports are automatically calculated based on the vendor or employee payment terms.

On credit memos, you can now manually change the Invoice Summary Due Date field, provided that the date is on or after the transaction date. On invoices, you can also set the due date on the same date as the transaction date, and on or before the closing date. Previously, these were not allowed.

For more information, see the help topic [Japanese Billing Cycle and Payment Terms](#).

New Japan Financial Statements SuiteApp

New implementations of the Japanese Balance Sheet, Income Statement, and Cash Flow Statement are included in the Japan Financial Statements SuiteApp. The Japanese financial statements included in the new SuiteApp are different from the Japan-specific reports included in the Japan edition of NetSuite.

The new Japanese financial statements included in the SuiteApp provide the following features:

- The Japan Financial Statement SuiteApp provides two templates for the Balance Sheet, Income Statement, and Cash Flow Statement. One template in Japanese and another in English. After installing the SuiteApp, the templates can be accessed from Reports > Saved Reports. Using the templates, you can define new financial statements or customize them using the Financial Report Builder in NetSuite.
- The Japanese Balance Sheet, Income Statement, and Cash Flow Statement can be generated in Excel by clicking a new button, Export to Excel.
- A new Include Account Rows box is available on the Japanese Balance Sheet and Income Statement. Checking the box includes accounts in rows under major headings in a statement.

- You can access the new Japanese financial statements from Reports > Financial and then select the Japanese financial statements with "(New)" appended. Select either Japanese Balance Sheet(New), Japanese Income Statement(New), or Japanese Cash Flow Statement(New).

For more information, see the help topic [Japan Financial Statements](#).

China Cash Flow Statement Field Filtering Refinements

When selecting a China Cash Flow Statement Item in editing your chart of accounts or inventory items, the Cash Flow Statement Item list will only show classifications related to the transaction:

- For Accounts Payable transactions, only cash outflow classification items will be shown in the list.
- For Accounts Receivable transactions, only cash inflow classification items will be shown in the list.
- For Journal Transactions:
 - Positive Credit, Negative Debit: cash inflow classification items will be shown.
 - Negative credit, Positive Debit: cash outflow classification items will be shown.

For more information, see the help topics [China Cash Flow Item Classification](#) and [Override China Cash Flow Item](#).

New Supported Transactions for China Cash Flow Statement Report

The following transactions are now supported by the China Cash Flow Statement Report:

- Checks
- Statement Charge
- Voiding Journal

These transactions can now be added to the China Cash Flow Statement Report.

For more information, see the help topic [China Cash Flow Statement Report](#).

Automatic Tagging Of China Cash Flow Item For Line Items In Transactions

When making a transaction, lines without **China Cash Flow Item** entered will now be automatically completed with the value in the **China Cash Flow Item** field in the Classification section in the transaction details.

For more information, see the help topic [Override China Cash Flow Item](#).

Added Single Currency Template For China Voucher Printing Report

The Single Currency template is added in generating China accounting vouchers. This template removes the columns for foreign currencies in the report.

Note that for accounts with the feature Multiple Currencies enabled, the default template selected will be **Multiple Currencies**. If the feature is not enabled, **Single Currency** is the default template.

For more information, see the help topic [Generating China Voucher Printing Report](#).

Added Ability to Merge Transactions When Generating China VAT Transactions

Transactions can now be merged while generating China VAT Transactions. These transactions will be combined into consolidated invoices.

You can also reverse merged transactions if these transactions are not exported yet.

For more information, see the help topic [Merging China VAT Transactions](#).

China Localization: China Voucher List

The latest version of China Localization SuiteApp includes the Voucher List feature, a centralized management platform for accounting vouchers.

The Voucher List feature enables you to generate voucher lists for printing, reviewing voucher details, and tracking back to transaction record. It also provides more search filters such as transaction type, creator, transaction number, and general ledger (GL) accounts. This enables you to select and print specific vouchers as needed. You can also print single and multiple vouchers.

For more information, see the help topic [Generating the China Voucher List](#).

Manufacturing SuiteApps

Following are the 2018.2 manufacturing enhancements to SuiteApps:

Advanced Manufacturing

The Advanced Manufacturing SuiteApp version 2018.2 includes the following enhancements and incorporates fixes to several customer-reported issues.

- [Tablet Non-Routing Work Order Support](#)
- [Work Center Administration and Setup](#)
- [Inventory Status Exposure](#)
- [Duplicate Bin Support](#)

Tablet Non-Routing Work Order Support

NetSuite Advanced Manufacturing 2018.2 enables customers to prioritize and execute conventional work orders (work orders without routings) in the Advanced Manufacturing shop floor tablet. Operators can now record the production of assemblies built using cleaner and more intuitive forms. The system automates the associated NetSuite transaction processing.

Reconfigurable plugins automate inventory detail generation related to bin location and lot/serial numbers used in manufacturing. This can reduce shop floor data entry and help enforce customer rules for item consumption and production with respect to lot/serial information.

Conventional Work Order Limitations:

- Support for serialized assemblies is considered a 2019.1 BETA release. Limited testing has been completed on plugin serial number retrieval and validation

Customers should test this feature in their sandbox account and report any issues so that subsequent releases can completely handle serialized items.

- Repeating the same work order component item multiple times (duplicate line item) is not supported by the default plugin implementations.

Work Center Administration and Setup

Assigning work centers to a work order enables the tablet work queue to filter and segregate shop floor work. Work centers also enable you to identify bins for raw material consumption and assembly production.

1. To assign an Advanced Manufacturing Work Center, in the Work Order Advanced Manufacturing subtab, in the **AM Work Center NS** field, enter the work center name.
2. In the related group, select the **Location**, **Issue** (material consumption), and **Assembly Bins**.

To learn more, see the help topic [Mobile Devices](#). This guide also describes how to modify plugin behavior to define customer rules for material consumption and finished good lot/serial number assignment.

Tablet Experience

Operators can now access conventional work orders through the same work queue they used before the 2018.2 release. After selecting a conventional work order, the new streamlined and intuitive data entry interface is displayed.

The screenshot displays the 'Assembly' tablet interface. At the top, there's a 'PROGRESS' bar with a green segment (2.50) and a blue segment (7.50). Below this are collapsible sections for 'Work Order Details (395)' and 'Item Details (100M/LC-ALL-LIB)'. The 'Record Production' section shows 'QUANTITY PRODUCED' as 7.5. A table lists components with columns: COMPONENT, DESCRIPTION, UOM, AVAILABLE, EXPECTED, ACTUAL, and INVENTORY DETAILS. The table includes rows for various items like 1-243, 1-429-LC, and 100M/LC-ALL-LIB.

COMPONENT	DESCRIPTION	UOM	AVAILABLE	EXPECTED	ACTUAL	INVENTORY DETAILS
1-243	Sales Description	Chance	1066.72	7.5	7.5	
1-429-LC	Sales Description	Each	189.45	15	15	
InventoryItem	Sales Description	Each	1720.77	22.5	22.5	
Phantom Item	Phantom Item		3605.81	30	30	
123M/LC-ALL-LIB	Table Assembly		87.5	37.5	37.5	
100M/LC-ALL-LIB	Table Assembly		554.13	45	45	
100M/LC-ALL-LIB	Table Assembly	Chance	475.17	52.5	52.5	
100M/LC-ALL-LIB	Table Assembly	Chance	325.87	60	60	

The new form offers the following advantages:

- A visual progress status bar that displays material availability
- Collapsible work order and item data sections use screen area more effectively
- A “smart” component list updates changes to production quantity
- Plugins help reduce data entry by automatically identifying bin or lot/serial information for each BOM item
- NetSuite icons display the completeness of data for reporting

To learn more about the new tablet interface, see the help topic [Entering Tablet Data](#).

Inventory Status Exposure

Prior to Advanced Manufacturing 2018.2, the NetSuite Inventory Status feature assigned the “Good” status to all material associated with manufacturing. While this material consumption status is still

being enforced, Advanced Manufacturing 18.2 enables you to assign any inventory status to newly produced assemblies when reporting production using the tablet interface.

Duplicate Bin Support

All areas of Advanced Manufacturing that allow bin selection now enable customers to use the same bins names across locations ensuring that the correct bin reference is used. This is achieved by reviewing location context (for example, work order location) to filter bin selection.

Projects SuiteApps

Following is the 2018.2 projects enhancement to SuiteApps:

Resource Allocation Chart/Grid Enhancements

The following enhancements are included in Resource Allocation Chart/Grid v3.01:

- **Details Popup** – The details popup shows additional information about a specific element in the chart or grid. The popup appears when you hold your cursor over any of the following elements in the chart or grid:
 - Project
 - Project Template
 - Employee
 - Vendor
 - Generic Resource
- **Project Templates** – You can now view project templates in the chart or grid. When you enable the **Include Project Templates** preference, you can view Project Templates that are allocated to a generic resource on the chart or grid. You can also select project templates from the Project list on the filter panel.
- **View Allocations By** – To change how the information is displayed on the chart or grid, you can choose to view the allocations by Resource, Customer, or Project. The **View Allocations By** setting can now be accessed from the Filter list on the Resource Allocation Chart/Grid. On the Filter list, these settings are shown as **Resource Default**, **Customer Default**, and **Project Default**. Customized filters are shown as a sub-filter of the view from which it was created.
- **Date Picker** – You can now use a date picker to set a specific date for the Start Date column on the chart or grid. The date changes if you set your views to Daily, Weekly, or Monthly.

SuiteAnalytics SuiteApps

Following is the 2018.2 SuiteAnalytics enhancement to SuiteApps:

- [Enhancements to Dashboard Tiles SuiteApp](#)
- [Multi-Language Support for Navigation Portlet](#)

Enhancements to Dashboard Tiles SuiteApp

The following enhancements for Dashboard Tiles are now available for 18.2:

- [Scorecard Tile as New Tile Type in Dashboard Tiles](#)
- [Added Validation for Non-SuiteScript Saved Searches in Reminder Tiles](#)
- [Multi-Language Support for Dashboard Tiles](#)

Scorecard Tile as New Tile Type in Dashboard Tiles

Prior to this release, you can only select Reminder or Static as tile types when you create a new dashboard tile. In Dashboard Tiles 1.03, you can now select **Scorecard** in the **Tile Type** field.

The Scorecard Tile displays the sum of the first available numeric column of the specific saved search. For example, the tile can display the sum of all rows in the Average of Quantity column if that is the first numeric column in the saved search.

You can also use the Scorecard Tile for comparison of values to get the variance percentage, difference, or absolute ratio. For example, you can use the Scorecard Tile to compare sales of the current month versus sales from the previous month. You can use the results of a specific saved search and compare it to a static value or another saved search result. The tile can display the comparison results along with the current and previous values used in the computation.

For more information, see the help topic [Scorecard Tiles](#).

Added Validation for Non-SuiteScript Saved Searches in Reminder Tiles



Important: This new validation capability is targeted for release on September 18, 2018.

Prior to this release, you can select saved searches that are not SuiteScript-supported when you create Reminder Tiles. Non-SuiteScript saved searches are not validated by the system and are displayed incorrectly in the reminder tile.

In Dashboard Tiles 1.04, you can no longer select saved searches that are not SuiteScript-supported. Validations are added when you save a reminder tile that contains a non-SuiteScript saved search.

For more information about creating a reminder tile, see the help topic [Creating Reminder Tiles](#).

Multi-Language Support for Dashboard Tiles



Important: This enhancement is targeted for release on September 18, 2018.

Dashboard Tiles 1.04 now supports language translation to enhance user experience. You can now see labels, field level help, titles, links, and error and warning messages in your preferred language.

The Dashboard Tiles SuiteApp currently supports the following languages:

- English
- Chinese (Simplified)
- German
- French
- Latin American Spanish
- Japanese
- Portuguese (Brazil)

For more information about supported languages, see the help topic [Multi-Language Support for Dashboard Tiles](#).

Multi-Language Support for Navigation Portlet

Navigation Portlet 1.03 now supports language translation to enhance user experience. You can now see labels, field level help, titles, links, and error and warning messages in your preferred language.

The Navigation Portlet SuiteApp currently supports the following languages:

- English
- Chinese (Simplified)
- French
- German
- Japanese
- Latin American Spanish
- Portuguese (Brazil)

For more information about supported languages, see the help topic [Multi-Language Support for Navigation Portlet](#).

SuiteBuilder Customization SuiteApps

Following are the 2018.2 SuiteBuilder Customization enhancement to SuiteApps:

Bill Data Presentment SuiteApp – Alpha Version

The Bill Data Presentment SuiteApp – Alpha Version provides an intuitive user interface that enables you to design and present project and subscription billing data on a template, and to generate invoice reports.

The SuiteApp features a Report Editor which you can use to do the following:

- Generate invoice forms for customers using prebuilt templates
- Modify standard templates using built-in widgets and objects, and store and maintain customized templates
- Generate and print invoice forms showing specifically sourced project or charge-based billing data

Currently, the SuiteApp supports Invoice records only. When installed, the SuiteApp enables you to generate an invoice report right from any invoice record.

For access to the SuiteApp, contact your NetSuite account manager.

Taxation SuiteApps

Following are the 2018.2 taxation enhancements to SuiteApps:

- [Making Tax Digital Support for UK VAT](#)
- [New Country Tax Reports for SuiteTax](#)
- [Added Deferred VAT Recognition and Journal Entry Creation](#)
- [International Tax Reports SuiteApp version 3.100.0](#)
- [International Tax Reports SuiteApp version 3.101.0](#)
- [Spain Online VAT Register \(Immediate Supply of Information “SII”\) v.1.1](#)

- Mexico Complementary Trial Balance
- FTA VAT Audit File (FAF) for the United Arab Emirates
- Withholding Tax Quarterly Report Form 1601-EQ for the Philippines
- Malaysia Sales and Service Tax (SST-02) Return
- Germany Monthly/Quarterly VAT Return Update
- Belgium Intrastat Report Update

Making Tax Digital Support for UK VAT

Beginning April 1, 2019, all UK VAT-registered businesses with a taxable turnover above £85,000 must use the Making Tax Digital (MTD) system as mandated by Her Majesty's Revenue and Customs (HMRC).

In NetSuite, UK VAT-registered companies can use the Making Tax Digital for VAT feature to digitally keep their VAT records, generate VAT Returns, and submit the UK VAT100 Return online to HMRC.

Using the MTD for VAT feature, you can:

- Digitally store and maintain VAT records
- Generate and submit the UK VAT100 Return online to HMRC
- Export the VAT100 Return in an Excel file (.xls)
- Consolidate your VAT100 Return Excel file with VAT reports from other systems, incorporate adjustments, and submit the final VAT100 Return to HMRC using a CSV file (.csv)
- Retrieve previously submitted VAT100 Returns from HMRC
- View the MTD VAT Return submission history

This feature requires the International Tax Reports SuiteApp. For more information about this SuiteApp, see the help topic [International Tax Reports](#).

To know more about the Making Tax Digital for VAT feature, see the help topic [Making Tax Digital for VAT](#).

New Country Tax Reports for SuiteTax

The SuiteTax Reports SuiteApp enables you to generate localized tax reports by providing editable templates. Using this SuiteApp, you can choose the transactions that you want to include in your tax reports. Supported reports include VAT/GST returns, supplementary VAT/GST reports, EU Cross-Border reports, and Tax Audit Files. To see the full list of country tax reports supported by SuiteTax Reports and read other information about this SuiteApp, see the help topic [SuiteTax Reports](#).

For more information on customizing localized tax returns in SuiteTax Reports, see the help topic [Customizing Localized Tax Returns](#).

Added Deferred VAT Recognition and Journal Entry Creation

The Deferred VAT Recognition SuiteApp adds the ability for companies to recognize deferred VAT and automatically create journal entries. This enhances NetSuite's support for installment options in billing and invoicing customers.

The following summarizes the features provided:

- Automatic journal entry creation for deferred VAT.
- New custom role: German Deferred VAT Accountant for immediate access to deferred VAT features.

For more information, see the help topic [Deferred VAT Recognition](#).

International Tax Reports SuiteApp version 3.100.0

The International Tax Reports SuiteApp version 3.100.0 includes the following tax codes and VAT return updates:

- [Malaysia Tax Rate Updates](#)
- [Romania Tax Rate Update](#)
- [UAE VAT Return Adjustment](#)

Malaysia Tax Rate Updates

Provisioning of Malaysia tax codes includes GST tax codes with updated tax rate of 0%.

For more information, see [Malaysia Tax Codes](#).

Romania Tax Rate Update

Provisioning of Romania tax codes includes the standard tax code with tax rate of 19%.

For more information, see [Romania Tax Rate Update](#).

UAE VAT Return Adjustment

You can adjust tax amounts on UAE VAT returns and select the emirate to which the adjustment applies.

For more information, see the help topic [Making Adjustments on a VAT Return for UAE](#).

International Tax Reports SuiteApp version 3.101.0

The International Tax Reports SuiteApp version 3.101.0 includes the following tax codes and VAT return updates:

- [Malaysia Tax Codes and GST-03 Return Updates](#)
- [Norway VAT Report Update](#)

Malaysia Tax Codes and GST-03 Return Updates

Malaysia GST-03 Return has report version Malaysia 06/2018 for both English and Bahasa Malaysia, and includes the following:

- Updated Box 15 to show the total value of other supplies
- Updated Boxes 5a, 5b, 6a, and 6b to report appropriate tax codes applying the GST rate of 0%
- Updated box labels according to the Accounting Software guide published on March 8, 2018

For more information, see the help topics [Malaysia GST Tax Codes](#) and [What goes into each box - Malaysia GST-03 Return](#).

Norway VAT Report Update

Provisioning of Norway tax codes includes the Special Reduced Rate tax code with tax rate of 12%.

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

Spain Online VAT Register (Immediate Supply of Information “SII”) v.1.1

The Tax Audit Files SuiteApp released on July 10, 2018 includes version 1.1 of the Immediate Supply of Information (SII) in the Spain Online VAT Register.



Important: Spain SII version 1.1 takes effect on July 1, 2018. However, the Agencia Tributaria (Spain tax authority) will accept both version 1.0 and version 1.1 until July 20, 2019. Starting on July 21, 2018, only version 1.1 will be accepted.

Spain SII version 1.1 includes the following changes:

- Changes in XML Layout

- Version ID is updated to 1.1
- PeriodoImpositivo tag is renamed **PeriodoLiquidacion**
- EmitidaPorTerceros tag is renamed **EmitidaPorTercerosODestinatario**
- **DetalleExenta** tag has been added

These XML changes comply with the updated requirements for SII version 1.1 when you generate the following reports:

- Issued Invoices
- Received Invoices
- Specific Intra-Community Transactions Ledger
- Investment Goods Register
- Cash Collections Register

- New SII Transaction Fields

You can use the following new fields in Spain transactions:

- External Reference
- Simplified Invoice Article 7.2 7.3
- Invoice with no Counterpart
- Billing record cannot be submitted on time
- Details of Subject and Exempt Transactions

- Two new reports

You can generate the following reports:

- Spain Issued Invoices – Corrected Amending Transactions
- Spain Received Invoices – Corrected Amending Transactions

- Additional enhancements

- **Customs – Additional Settlement** – You can select this invoice type for Received Invoices transactions.
- **First Semester 2017 and other invoices prior to inclusion in the SII** – You can select an updated option to identify transactions before SII.
- **Macrodata** – Transactions with ImporteTotal value greater than or equal to 100M Euros are automatically set with ‘S’ in the Macrodata tag in the XML.

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

Mexico Complementary Trial Balance

The Tax Audit Files SuiteApp released on July 10, 2018 provides the ability to generate the Mexico Complementary Trial Balance in XML format. This is an updated trial balance that includes the following:

- Opening balances
- Movements during the period
- Final balances of each of the accounts corresponding to assets, liabilities, capital and reserves, and results (revenue, costs, expenses)

For more information, see the help topic [Generating Mexico Electronic Accounting File](#).

FTA VAT Audit File (FAF) for the United Arab Emirates

The Tax Audit Files SuiteApp includes the FTA VAT Audit File (FAF) for the United Arab Emirates.

The UAE FAF is an export of accounting entries in comma separated values (CSV) file format as specified by the Federal Tax Authority (FTA). The file is based on general ledger chart of accounts entries, master file data for customers and suppliers, and details of invoices, payments, and adjustments.

To generate the UAE FAF report, you must first enable the Use Account Numbers preference. Then, set up your chart of accounts or statutory chart of accounts. Lastly, enable the GL Audit Numbering feature and run the GL numbering sequence.

For detailed steps and a description of the FAF schema and its key data elements, see the help topic [United Arab Emirates Tax Audit File](#).

Withholding Tax Quarterly Report Form 1601-EQ for the Philippines

The Withholding Tax SuiteApp includes the ability to generate the BIR Form 1601-EQ, which is used for the quarterly filing and payment of creditable (expanded) withholding taxes. This form is being provided to comply with Republic Act No. 10963, known as the Tax Reform for Acceleration and Inclusion (TRAIN) Law.

For more information, see the help topic [Quarterly Remittance Return of Creditable Income Taxes Withheld \(Expanded\) \(Form 1601-EQ\)](#).

The SuiteApp also includes new and modified alphanumeric tax codes for income payments subject to creditable and final withholding taxes, effective January 1, 2018. These tax codes are used for generating the BIR Form 1601-EQ and Form 2307 (Certificate of Creditable Tax Withheld at Source) in the Withholding Tax SuiteApp. You can inactivate or delete tax codes that are not relevant to your business.

For more information, see the help topic [Creditable Withholding Tax Codes - Philippines](#).

Malaysia Sales and Service Tax (SST-02) Return

International Tax Reports version 3.103.0 now includes the following country forms for Malaysia Sales and Service Tax Returns:

- **Malaysia Sales Tax Return (SST-02)** – This worksheet automatically generates details and related values for Part A: Registered Manufacture / Registered Person Particulars and Part B: Value of Tax Payable for Goods (Sales, Disposed, Own Use).
- **Malaysia Service Tax Return (SST-02)** – This worksheet automatically generates details and related values for Part A: Registered Manufacture / Registered Person Particulars and Part B2: Value of Tax Payable for Services (Services Performed, Own Use).

For more information, see the help topic [Malaysia SST-02 Return](#).

Germany Monthly/Quarterly VAT Return Update

Effective January 1, 2019, German tax administration has updated the Germany VAT returns for the year 2019. In line with this, International Tax Reports SuiteApp version 3.106.0 includes the following updates to the Germany Monthly/Quarterly VAT return:

- Boxes 52, 53, 68, 78, and 79 were removed from the VAT return form.
- Box 60 is now used for tax code S1-DE for the reporting of taxable sales for which the recipient must pay tax
- Box 84 is now used for the following:
 - Tax codes (RC-DE and IS-DE) for the reporting of net amount of purchases of services with reverse charge (notional) from outside the European Union (EU)
 - Tax code S1-DE for the reporting of net amount of supplies of mobile devices and integrated circuits
- Box 85 is now used for reporting of tax amount and notional amount for tax codes IS-DE, RC-DE and S1-DE

For more information, see the help topic [What goes into each box - Germany Monthly/Quarterly VAT report](#).

Belgium Intrastat Report Update

Effective January 1, 2019, two additional fields are required in the Belgium Intrastat report for dispatches as part of the European Union (EU) project to update Intrastat. International Tax Reports SuiteApp version 3.106.0 includes the following updates to the Belgium Intrastat report:

- **Country of Origin** – Country where the goods were grown, manufactured, modified, or processed in such a way that a new product with a different commodity code emerged
- **Counterparty VAT Number** – Counterparty's VAT number in the member state of destination

For more information, see the help topic [Intrastat Reporting Fields](#).